

|             |  |           |  |      |  |
|-------------|--|-----------|--|------|--|
| Project     |  | Catalog # |  | Type |  |
| Prepared by |  | Notes     |  | Date |  |



## Portfolio

### LER4C/LESQ4C Cylinders

4" Round and Square Cylinder  
Surface, Ceiling, Wall, Up/Down, Yoke,  
and Stem Mount

#### Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Residential

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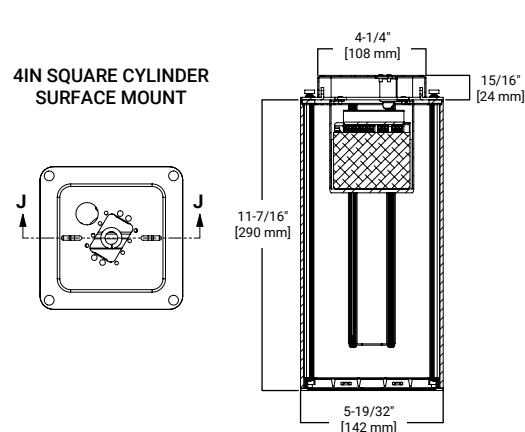
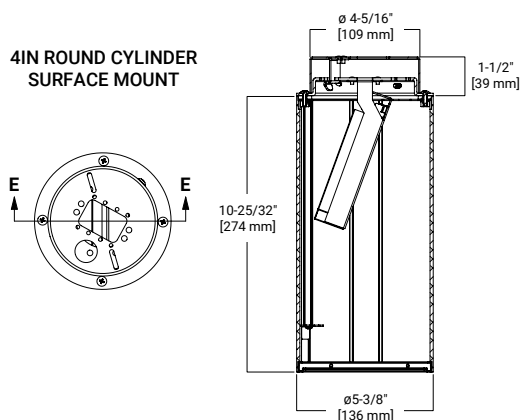


### Top Product Features

- 250 to 4,000 lumens; Offered in 90 and 97 CRI; Downlight
- Extruded aluminum housing; Matte Black, White, Bronze and Silver paint finishes
- 6 color temperatures: 2400K, 2700K, 3000K, 3500K, 4000K and 5000K CCT
- Options to meet Trade Agreements Act requirements

### Dimensional and Mounting Details

[additional product diagrams](#)



\*T24 and RoHS are self-tested by Cooper Lighting Solutions. Not a third party certification.

## Order Information

SAMPLE ORDER NUMBER: LER4C10D010TRP

| Domestic Preferences <sup>(30)</sup>                                                          | Cylinder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lumens                                                                                                                                                                                                                                                        | Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Remote <sup>(8)</sup>                                                   | Finish <sup>(10)</sup>                                                              | Factory Installed Connected Lighting Options                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Blank]</b> =Standard<br><b>TAA</b> = Trade Agreements Act<br><b>BAA</b> =Buy American Act | <b>Ceiling surface mount</b><br><b>LER4C</b> =4-inch round surface mount<br><b>LESQ4C</b> = 4-inch square surface mount square aperture <sup>(1)</sup><br><b>LESQR4C</b> = 4-inch square surface mount round aperture <sup>(2)</sup><br><b>Ceiling surface mount Square with conduit canopy (for round use Conduit Canopy Kit accessory)</b><br><b>LESQSM4C</b> = 4-inch square surface mount square aperture with surface mount conduit canopy <sup>(1)</sup><br><b>LESQSRM4C</b> = 4-inch square surface mount, round aperture with surface mount conduit canopy <sup>(2)</sup><br><b>Wall mount Downlight</b><br><b>LERWM4C</b> = 4-inch round wall mount<br><b>LESQRWM4C</b> = 4-inch square wall mount round aperture <sup>(2)</sup><br><b>LESQWM4C</b> = 4-inch square wall mount square aperture <sup>(1)</sup><br><b>Wall mount Up/down</b> <sup>(22) (23)</sup><br><b>LERUD4C</b> = 4-inch round wall mount up/down <sup>(4) (36)</sup><br><b>LESQUD4C</b> = 4-inch square wall mount up/down square aperture <sup>(3) (36)</sup><br><b>LESQRUD4C</b> = 4-inch square wall mount up/down round aperture <sup>(4) (36)</sup><br><b>Yoke mount</b><br><b>LERYM4C</b> = 4-inch round yoke mount <sup>(24)</sup><br><b>LESQYM4C</b> = 4-inch square yoke mount square aperture <sup>(1) (24)</sup><br><b>LESQRYM4C</b> = 4-inch square yoke mount round aperture <sup>(2) (24)</sup> | <b>02</b> =250 lumens<br><b>05</b> =500 lumens<br><b>08</b> =800 lumens<br><b>10</b> =1000 lumens<br><b>15</b> =1500 lumens<br><b>20</b> =2000 lumens<br><b>25</b> =2500 lumens<br><b>30</b> =3000 lumens<br><b>35</b> =3500 lumens<br><b>40</b> =4000 lumens | <b>D010</b> =0-10V Dimming, 1% to 100%, 120V-277V, 500-4000<br><b>3D010</b> =0-10V Dimming, 1% to 100%, 347V, 800-3500 Lumens (500, 4000 Lumens requires a Remote Driver)<br><b>D010TR</b> =0-10V (120-277V) or line voltage (120V) dimming, 1-100%; 1 driver: 250 to 3500 / 2 drivers: (Downlight and Remote only): 4000 Lumens<br><b>DE010</b> =0-10V Linear Dimming, 0.1% to 100%, 120V-277V, 500-4000 lumens<br><b>D5LT</b> =Fifth Light® DALI DT6 Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-4000 lumens<br><b>DMX</b> =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-4000 lumens <sup>(6)</sup><br><b>DMXC5</b> =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, with RJ45 connection, 800-4000 lumens <sup>(6)</sup><br><b>DLE</b> =Lutron Ecosystem dimming 1% to 100%, 120-277V; 1 driver: 800 to 3500 Lumens / 2 drivers: (Downlight and Remote only): 4000 Lumens<br><b>DLV</b> =Low Voltage System, 800-3000 lumens | <b>blank</b> =Integral driver<br><b>R</b> =Remote driver <sup>(9)</sup> | <b>P</b> =White<br><b>MB</b> =Matte Black<br><b>SL</b> =Silver<br><b>BZ</b> =Bronze | <b>WPN</b> = WaveLinX PRO Wireless Node without sensor <sup>(14) (25)</sup><br><b>WLN</b> = WaveLinX LITE Wireless Node without sensor <sup>(25)</sup><br><b>IEMBOD6ST</b> = Bodine® 6W Self Test Emergency Module with Integral Test Switch (requires EM6 trim option)<br>• Limited to 2000 lumens |

## Power Module Choose between EC4C downlight or ECA4C adjustable

SAMPLE ORDER NUMBER: EC4C10209035

| Domestic Preferences <sup>(30)</sup>                                                          | Power Module                              | Lumen Levels <sup>(15)</sup>                                                                                                                                                                                                                                    | Color                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Blank]</b> =Standard<br><b>TAA</b> = Trade Agreements Act<br><b>BAA</b> =Buy American Act | <b>EC4C</b> =4-inch cylinder light engine | <b>0208</b> =250, 500, 800 Lumens<br><b>1020</b> =1000, 1500, or 2000 Lumens<br><b>2535</b> =2500, 3000, 3500 Lumens<br><b>4000</b> =4000 Lumens<br><b>Two LEDs for cylinders with two drivers</b><br><b>4075</b> =4000 lumens (For use with Lutron and D010TR) | <b>90 CRI</b><br><b>9024</b> = 90CRI, 2400K<br><b>9027</b> = 90CRI, 2700K<br><b>9030</b> = 90CRI, 3000K<br><b>9035</b> = 90CRI, 3500K<br><b>9040</b> = 90CRI, 4000K<br><b>9050</b> = 90CRI, 5000K<br><b>97 CRI</b><br><b>9727</b> = 97CRI, 2700K<br><b>9730</b> = 97CRI, 3000K |

SAMPLE ORDER NUMBER: ECA4C1020FL9030MW

| Domestic Preferences <sup>(30)</sup>                          | Power Module <sup>(15)</sup>                                                                                                                                             | Distribution                                 | Color                                                                                                                                                                                                                                                                          | Finish                                                                                |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>[Blank]</b> =Standard<br><b>TAA</b> = Trade Agreements Act | <b>ECA4C0208</b> =4-inch cylinder adjustable light engine; 250, 500, 800 Lumens<br><b>ECA4C1020</b> =4-inch cylinder adjustable light engine; 1000, 1500, or 2000 Lumens | <b>NFL</b> =Narrow Flood<br><b>FL</b> =Flood | <b>90 CRI</b><br><b>9024</b> = 90CRI, 2400K<br><b>9027</b> = 90CRI, 2700K<br><b>9030</b> = 90CRI, 3000K<br><b>9035</b> = 90CRI, 3500K<br><b>9040</b> = 90CRI, 4000K<br><b>9050</b> = 90CRI, 5000K<br><b>97 CRI</b><br><b>9727</b> = 97CRI, 2700K<br><b>9730</b> = 97CRI, 3000K | <b>MW</b> =Matte White<br><b>MB</b> =Matte Black<br><b>MMS</b> =Matte Metallic Silver |

Trim is included with ECA4C adjustable power module. Do not order a separate trim.

SAMPLE ORDER NUMBER: 4LBN3LI

| Domestic Preferences <sup>(30)</sup>                                     | Trim               | Distribution <sup>(14)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Flange            | Finish                                                                                                                                                                                                                                                                                                                                                                                    | Options                                                                                                                                                                                                |
|--------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Blank]</b> =Standard<br><b>BAA</b> =Buy American Act <sup>(35)</sup> | <b>4LB</b> =4" LED | <b>N</b> =Narrow (30° Beam), Spun Aluminum<br><b>M</b> =Medium (50° Beam), Spun Aluminum<br><b>MD</b> =45° Cutoff, Medium Beam, Spun Aluminum<br><b>W</b> =Wide (75° Beam), Spun Aluminum<br><b>S</b> =Shallow (75° Beam), Spun Aluminum<br><b>HY</b> =Hyperbolic Medium Beam (Single LED drivers only)<br><b>CS</b> =Cast Shallow (75° Beam), Die Cast Aluminum<br><b>BA</b> =Spun Aluminum Baffle<br><b>SWN</b> =Single Wall Wash, Spun Aluminum<br><b>DWN</b> =Double Wall Wash, Spun Aluminum<br><b>MDSW</b> =45° Cutoff, Single Wall Wash, Spun Aluminum<br><b>MDDW</b> = 45° Cutoff, Double Wall Wash, Spun Aluminum<br><b>LSWW</b> =Lensed Single Wall Wash, Spun Aluminum<br><b>LDWW</b> =Lensed Double Wall Wash, Spun Aluminum<br><b>Square (for use with LESQUDS, LESQS)</b><br><b>SQ</b> = Medium Beam, 50° Cutoff Square Anodized Aluminum Downlight<br><b>SQW</b> = Medium Beam, 45° Cutoff Anodized Aluminum Downlight<br><b>CSSQ</b> =Shallow Die Cast Aluminum | <b>3</b> =Rimless | <b>LI</b> =Specular Clear <sup>(17)</sup><br><b>H</b> =Semi-Specular Clear <sup>(17)</sup><br><b>WMH</b> =Warm Haze <sup>(17)</sup><br><b>WH</b> =Wheat <sup>(17)</sup><br><b>GPH</b> =Graphite Haze <sup>(17)</sup><br><b>B</b> =Specular Black <sup>(17)</sup><br><b>MW</b> =Matte White<br><b>MB</b> =Matte Black <sup>(18)</sup><br><b>MMS</b> =Matte Metallic Silver <sup>(19)</sup> | <b>EM6</b> =Integral Emergency Test Switch Hole <sup>(7)</sup><br>For use with:<br>• Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S), Square (SQW).<br>• Limited to 2000 lumens |

continued on next page

## Order Information

**REQUIRED** if Remote Driver (R) is specified on Cylinder

| Domestic Preferences <sup>(30)</sup>          | Remote Drivers <sup>(9)</sup>                                                                                                                                                                               | Lumens                                                                                                                                                                                                                                                         | Voltage                                                                                                                                                                            | Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Options <sup>(31) (33)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Controls                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Blank]</b> =Standard Trade Agreements Act | <b>RC100</b> =Remote 100 ft<br><b>RC75</b> = Remote 75 ft<br><b>RC50</b> = Remote 50 ft<br><b>RC25</b> = Remote 25 ft<br><b>RC15</b> = Remote 15 ft<br><b>RC5</b> = Remote 5 ft<br><b>RC2</b> = Remote 2 ft | <b>02</b> =250 lumens<br><b>05</b> =500 lumens<br><b>08</b> =800 lumens<br><b>10</b> =1000 lumens<br><b>15</b> =1500 lumens<br><b>20</b> =2000 lumens<br><b>25</b> =2500 lumens<br><b>30</b> =3000 lumens<br><b>35</b> =3500 lumens<br><b>40C</b> =4000 lumens | <b>blank</b> =120-277V (250-3500 lumens) <sup>(11)</sup><br><b>1</b> =120V (3500 & 4000 lumens only)<br><b>2</b> =277V (3500 & 4000 lumens only)<br><b>3</b> =347V <sup>(34)</sup> | <b>D010</b> =0-10V Dimming, 1% to 100%, 120V-277V, 500-4000 lumens<br><b>D010TR</b> =0-10V (120-277V) or line voltage (120V) dimming, 1100%; 1 driver: 250 to 3500 / 2 drivers: (Downlight only): 4000 Lumens<br><b>DE010</b> =0-10V Linear Dimming, 0.1% to 100%, 120V-277V, 500-4000 lumens<br><b>D5LT</b> =Fifth Light® DALI DT6 Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-4000 lumens<br><b>DMX</b> =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-4000 lumens <sup>(6)</sup><br><b>DMXC5</b> =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, with RJ45 connection, 800-4000 lumens <sup>(6)</sup><br><b>DLE</b> =Lutron Ecosystem dimming 1% to 100%, 120-277V; 1 driver: 800 to 3500 Lumens / 2 drivers: (Downlight only): 4000 Lumens <sup>(12)</sup><br><b>DLV</b> =Low Voltage System, 800-3000 lumens | <b>EMBOD</b> =Bodine® Emergency Module with Remote Test Switch<br><b>EMBOD6ST</b> =Bodine® 6W Self Test Emergency Module with Remote Test Switch<br><b>EM7</b> =7W Emergency Module with Remote Test Switch<br><b>EM14</b> =14W Emergency Module with Remote Test Switch<br><b>EMBOD7ST</b> =Bodine® Self Test Emergency Module<br><b>EMV7</b> =7W Low Voltage Emergency Module with Remote Test Switch <sup>(21)</sup><br><b>EMV14</b> =14W Low Voltage Emergency Module with Remote Test Switch <sup>(21)</sup><br><b>ETRD</b> =Emergency transfer device <sup>(32)</sup> | <b>WPST</b> =Factory installed WaveLinX PRO Sensor Kit <sup>(14) (28)</sup><br><b>WLST</b> =Factory installed WaveLinX LITE Sensor Kit <sup>(14) (27)</sup><br><b>WPN</b> = WaveLinX PRO Wireless Node without sensor <sup>(14) (25)</sup><br><b>WLN</b> = WaveLinX LITE Wireless Node without sensor <sup>(29)</sup> |

| Domestic Preferences <sup>(30)</sup>                                                                               | Accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Type                                                                                                                                                                                                                                                                                                                                    | Lengths                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Blank]</b> =Standard Trade Agreements Act<br><b>TAA</b> = Trade Agreements Act<br><b>BAA</b> =Buy American Act | <b>Pendant Kit</b> <sup>(26) (37)</sup><br><b>P436P</b> =White pendant stem kit for suspended mount cylinder<br><b>P436BZ</b> =Bronze pendant stem kit for suspended mount cylinder<br><b>P436MB</b> =Matte black pendant stem kit for suspended mount cylinder<br><b>P436SL</b> =Silver pendant stem kit for suspended mount cylinder                                                                                                                                                                                                                                                                                                                                                                                | <b>Blank</b> =5 conductor for use with 0-10V driver<br><b>3C</b> =3 conductor for use with 120 or 277V<br><b>5C</b> = 5 conductor for use with D5LT drivers<br><b>DMX</b> =No conductors for use with DMX and remote drivers<br><b>RM</b> = for Remote drivers                                                                          | <b>Blank</b> =36"<br><b>SP</b> =* Specify 6" to 144" in 1" increments                                                                                                                              |
|                                                                                                                    | <b>Conduit pendant kit</b> <sup>(26) (37)</sup><br><b>PMRCC4P</b> = Round pendant stem kit with conduit knockout cover, white<br><b>PMRCC4MB</b> = Round pendant stem kit with conduit knockout cover, black<br><b>PMRCC4CZ</b> = Round pendant stem kit with conduit knockout cover, bronze<br><b>PMRCC4SL</b> = Round pendant stem kit with conduit knockout cover, silver<br><br><b>PMSQCC4P</b> = Square pendant stem kit with conduit knockout cover, white<br><b>PMSQCC4MB</b> = Square pendant stem kit with conduit knockout cover, black<br><b>PMSQCC4CZ</b> = Square pendant stem kit with conduit knockout cover, bronze<br><b>PMSQCC4SL</b> = Square pendant stem kit with conduit knockout cover, silver |                                                                                                                                                                                                                                                                                                                                         | <b>Blank</b> =36"<br><b>SP</b> =* Specify 6" to 144" in 1" increments                                                                                                                              |
|                                                                                                                    | <b>Aircraft cable</b> <sup>(26) (37)</sup><br><b>AC4120P</b> =120" white aircraft cable kit<br><b>AC448P</b> =48" white aircraft cable kit<br><b>AC4120MB</b> =120" black aircraft cable kit<br><b>AC448MB</b> =48" black aircraft cable kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Blank</b> =5 conductor<br><b>DMXC5</b> =DMX/RDM logarithmic Dimming with RJ45 connection                                                                                                                                                                                                                                             |                                                                                                                                                                                                    |
|                                                                                                                    | <b>LNE4RUD</b> =up/down gasketed lens, wet location, round <sup>(22)</sup><br><b>LNS4SQUD</b> = up/down gasketed lens, wet location square <sup>(22)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Conduit Kit</b> <sup>(26)</sup><br><b>SMRCC4P</b> = Round conduit canopy for round surface mount, white<br><b>SMRCC4MB</b> = Round conduit canopy for round surface mount, black<br><b>SMRCC4CZ</b> = Round conduit canopy for round surface mount, bronze<br><b>SMRCC4SL</b> = Round conduit canopy for round surface mount, silver | <b>Connected Lighting Systems</b> <sup>(14)</sup><br><b>WTA</b> = Field installed WaveLinX PRO sensor Kit <sup>(27)</sup><br><b>WTK</b> = Field installed WaveLinX LITE Sensor Kit <sup>(28)</sup> |

## Notes

- (1) Square reflector  
(2) Round reflector  
(3) Square reflector, requires two reflectors and light engines  
(4) Round reflector, requires two reflectors and light engines  
(5) 347V integral D010 only. 800-3500 lumens for integral driver. 500, 4000 lumens for remote driver.  
(6) DMX fixtures default to full on upon loss of DMX signal  
(7) Required for use with EM6. Not offered with remote driver.  
(8) Up down surface mount require 2 driver assemblies  
(9) Order remote driver separately. See below to order.  
(10) Consult factory for custom finishes.  
(11) 3000 and below. Up to 3000 lumens does not need voltage specified.  
(12) Only available up to 25 ft.  
(13) Not available with up/down  
(14) Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. WPN is factory installed only. Use with 0-10V driver.  
(15) Nominal Lumens will vary depending on selected color, driver and reflector finish.  
(16) Beam angles are nominal with LI finish trims.  
(17) Not available on CS or BA distributions  
(18) Available with BA and CS distributions

- (19) Available only on CS distributions  
(20) 0-45° slope.  
(21) ULUS listed only  
(22) Up/down lens required for wet location  
(23) Lumen specified for up/down is the same for both directions. Ex. 800 lumens will be 800 lumens up & 800 lumens down.  
(24) Ceiling mount only  
(25) WPN = WaveLinX PRO wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only.  
(26) Not for use with remote driver  
(27) WLST = WaveLinX LITE tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX Lite system specifications)  
(28) WPST = WaveLinX PRO wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only  
(29) WLN = WaveLinX LITE wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only.

- (30) To order product that is compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act (TAA), use the online specification configurator to specify BAA or TAA. Please refer to [DOMESTIC PREFERENCES LINK](#) for more information. Components shipped separately may be separately analyzed under domestic preference requirements. Accessories sold separately will be separately analyzed under domestic preference requirements.  
(31) 120V-277V  
(32) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others).  
(33) Non-IC  
(34) D010 800 to 4000 lumens. 500 and 4000 lumens use step down transformer) All other drivers use step down transformer.  
(35) Offered with spun aluminum narrow (N), medium (M) and wide (W) trims.  
(36) DMX drivers with shallow trim only.  
(37) Order with ceiling mount cylinder.

## Product Specifications

### Lower Reflector

- Painted die-cast aluminum or spun aluminum lower reflector with a lensed upper optical chamber provides superior lumen output with minimal source brightness
- Square surface mount available with square or round reflectors
- Spun reflectors are available in all Portfolio finishes
- Directional with baffle tilts from 0°-30°

### Wall Wash Reflector

- Open Wall Wash - wall wash reflector with gradient kicker offered in single and double with choice of wide or medium beam, providing even vertical illumination with minimal source brightness.
- Rotatable Lensed Wall Wash - Rotatable lensed wall wash reflector offered in single and double wall wash provides even vertical illumination with minimal source brightness.

### Trim retention

- Two torsion springs hold flange tightly to the cylinder lip

### Cylinder

- Round and soft square extruded aluminum
- Matte white, bronze, silver or matte black. Contact factory for custom finishes.
- Available in standard and shallow heights
- Yoke mount provides +/-45° lockable tilt

### Mounting

- Mounting plate installs to mounted junction box
- Cylinder mounts to plate with easy twist and lock hooks for ceiling mount
- For wall mount, mounting arm attaches directly to junction box via a robust mounting plate
- Offered with optional stem and aircraft cable
- Conduit canopy allows for mounting pendant and surface cylinder on hard ceilings provided in painted finish to match the cylinder accommodates ½" or ¾" conduit.

### Thermal

- Aluminum heat sink conducts heat away from the LED module for optical performance and longer life

### LED System

- Contains a plurality of high brightness white LED's combined with a high reflectance upper reflector and convex transitional lens producing even distribution without pixilation
- Auto resetting, thermally protected, LED's are turned off when safe operating temperatures are exceeded
- Quick disconnect allows for tool-less replacement of LED engine from below ceiling
- 90 and 97 CRI
- 90 & 97CRI: L78 55,000 hours for 1000-2000 lumens, L90 55,000 for all other lumen output
- Color variation within 2-step MacAdam ellipses
- Available in 2400K, 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)

### Vividthune and High CRI

- 98 CRI and W2N: L70 55,000 hours
- D2W™ – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.
- W2N - Tunable white CCT range 2700K to 6500K or 2000K to 5000K, 90 CRI. Standard
- **98 CRI** With a full-spectrum approach using broad-blue chip technology and special phosphor blends, Thrive is able to closely match the spectrum of the sun across all color temperatures. Benefits of the natural spectrum of the sun using Thrive include superior accurate color rendering, reduced eye strain, and a higher sense of emotional well-being.
- See dedicated specification sheet for more details.

### Driver

- Standard 120-277V 0-10V dimming driver provides flicker-free dimming from 100% to 1%
- Optional 120V leading edge, <1% 0-10V, Fifth Light, DMX or Lutron®
- Remote driver option up to 100' based on driver selection
- Distributed low voltage power system combines power, lighting, and controls with ease of installation.

### Emergency Option

- Provides 90 minutes of standby lighting, meeting most life safety codes for egress lighting
- Available Self-Test (self-diagnostic) with remote charge indicator and test switch
- Emergency Transfer Relay Device bypasses local control during a power outage
- UL 924 listed

### Connected Lighting System

Two WaveLinX connected solutions to choose from. Refer to WaveLinX system specifications and application guides for details.

#### WaveLinX PRO Tilemount Sensor Kit

- WaveLinX PRO WPST tilemount sensor kit offers daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

#### WaveLinX PRO Wireless Node

- WaveLinX PRO WPN wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

#### WaveLinX LITE Tilemount Sensor Kit

- WaveLinX LITE WLST tilemount sensor kit offers daylight dimming and PIR motion sensing, scene and grouping configuration.

#### WaveLinX LITE Wireless Node

- WaveLinX LITE WLN wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

#### WaveLinX Tilemount Sensor Kits Application

- The WPST and WLST tilemount sensor kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by direct-mount spring clips or via mounting bracket in octagon ceiling boxes.
- The WPST and WLST tilemount sensor kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.
- **Note: WaveLinX PRO devices are only compatible with the WaveLinX PRO system.**
- **Note: WaveLinX LITE devices are only compatible with the WaveLinX LITE system.**

### Compliance

- EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits
- RoHS compliant
- Photometric testing completed in accordance with IES LM-79
- LED life testing completed in accordance with IES LM-80 standards

### Warranty

- Five year warranty [www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)

## Energy and Performance Data

## D010 DRIVER ENERGY DATA

| Series                   | 250 lumen |       | 500 lumen |        | 800 lumen |        | 1000 lumen |        | 1500 lumen |        | 2000 lumen |        |
|--------------------------|-----------|-------|-----------|--------|-----------|--------|------------|--------|------------|--------|------------|--------|
| Input Voltage 120-277VAC | 120V      | 277V  | 120V      | 277V   | 120V      | 277V   | 120V       | 277V   | 120V       | 277V   | 120V       | 277V   |
| Input Current (A)        | 0.029     | 0.017 | 0.061     | 0.032  | 0.085     | 0.041  | 0.084      | 0.042  | 0.135      | 0.063  | 0.189      | 0.084  |
| Input Power (W)          | 3.45      | 3.87  | 7.33      | 7.78   | 10.15     | 10.52  | 10.04      | 10.43  | 16.17      | 16.56  | 22.58      | 22.63  |
| In-rush (A)              | 2.1       | 8.5   | 3.7       | 8.5    | 3.6       | 8.3    | 3.6        | 8.4    | 2.3        | 9.5    | 2.1        | 9.7    |
| Inrush duration (μs)     | 250       | 131   | 190       | 136    | 220       | 135    | 226        | 136    | 230        | 125    | 243        | 132    |
| THDi (%)                 | 7.21      | 16.92 | 7.82      | 10.78  | 5.57      | 9.63   | 7.78       | 9.24   | 4.75       | 9.93   | 8.03       | 7.44   |
| PF                       | ≥ 0.98    | ≥ 0.9 | ≥ 0.99    | ≥ 0.93 | ≥ 0.99    | ≥ 0.95 | ≥ 0.99     | ≥ 0.95 | ≥ 0.99     | ≥ 0.94 | ≥ 0.99     | ≥ 0.96 |

| Series                   | 2500 lumen |        | 3000 lumen |        | 3500 lumen |        | 4000 lumen |        |
|--------------------------|------------|--------|------------|--------|------------|--------|------------|--------|
| Input Voltage 120-277VAC | 120V       | 277V   | 120V       | 277V   | 120V       | 277V   | 120V       | 277V   |
| Input Current (A)        | 0.276      | 0.121  | 0.276      | 0.041  | 0.333      | 0.152  | 0.404      | 0.181  |
| Input Power (W)          | 32.98      | 32.57  | 32         | 10.52  | 39.83      | 39.84  | 48.38      | 47.94  |
| In-rush (A)              | 2.5        | 11.8   | 3.6        | 8.3    | 3.1        | 14.3   | 3.1        | 14.5   |
| Inrush duration (μs)     | 215        | 111    | 220        | 135    | 200        | 94     | 197        | 95     |
| THDi (%)                 | 9.86       | 6.57   | 5.57       | 9.63   | 4.25       | 10.05  | 5.02       | 7.97   |
| PF                       | ≥ 0.99     | ≥ 0.97 | ≥ 0.99     | ≥ 0.95 | ≥ 0.99     | ≥ 0.94 | ≥ 0.99     | ≥ 0.95 |

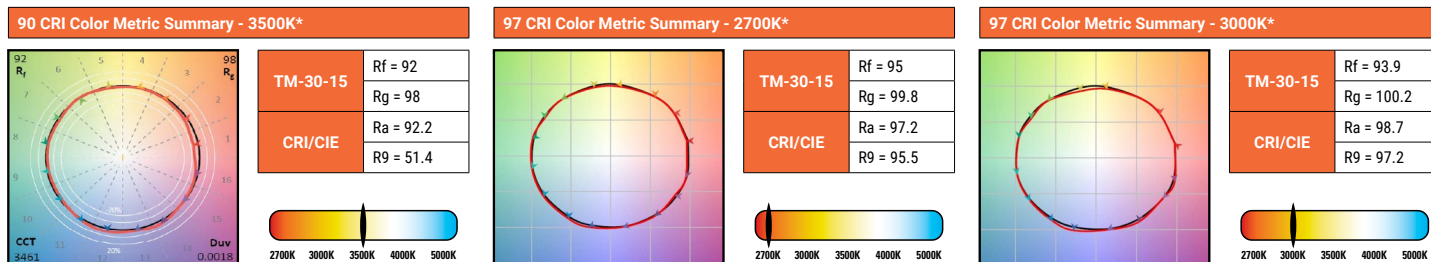
Minimum starting temperature -30°C (-22°F)\*  
(Nominal input 120-277VAC & 100% of rated output power)

Sound Rating: Class A standards

**Notes:**

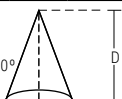
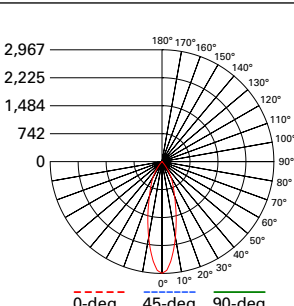
Emergency Battery packs are rated for a minimum starting temperature of 0°C.

## COLOR METRICS - TM-30-15 &amp; CRI/CIE



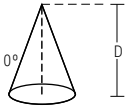
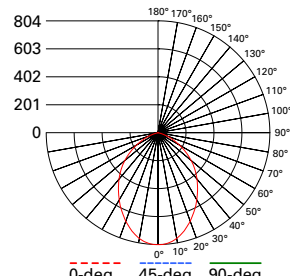
\* Color values are based on haze reflector, other finishes and field results may vary.

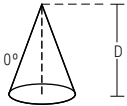
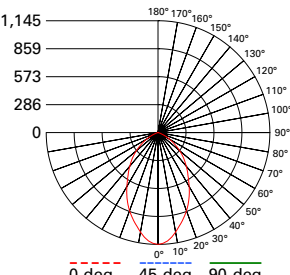
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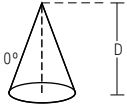
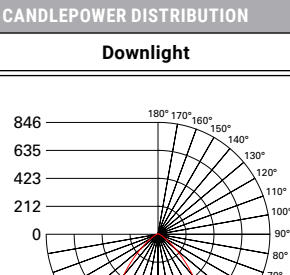
| NARROW 30° BEAM (LI) |              | CANDLEPOWER DISTRIBUTION                                                            |  | CONE OF LIGHT                                                                       |        | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |        |      |    |      |
|----------------------|--------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|--------|------|----|------|
| Test Number          | P571639      | Downlight                                                                           |  |  |        | Degrees Vertical | Candela | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |        |      |    |      |
| Housing              | LE*4C15D010  |  |  | D                                                                                   | FC     | L                | W       | 0-30                | 952    | 82.6      | 37                      | 29831                |        |      |    |      |
| Module               | EU4C10209035 |                                                                                     |  | 4'                                                                                  | 185.4  | 1.8              | 1.8     | 7'                  | 60.6   | 3.2       | 3.2                     | 0-40                 | 1121   | 97.2 | 45 | 5247 |
| Trim                 | 4LBNLI       |                                                                                     |  | 9'                                                                                  | 36.6   | 4.2              | 4.2     | 13'                 | 17.6   | 6.2       | 6.2                     | 0-60                 | 1152   | 99.9 | 55 | 386  |
| Lumens               | 1153         |                                                                                     |  | 16'                                                                                 | 11.6   | 7.6              | 7.6     | 0-90                | 1153   | 100       | 65                      | 523                  | 90-180 | 0    | 75 | 0    |
| Efficacy             | 73 Lm/W      |                                                                                     |  | 0-deg                                                                               | 45-deg | 90-deg           | 0-180   | 1153                | 100    | 85        | 0                       |                      |        |      |    |      |
| SC                   | 0.48         |                                                                                     |  |                                                                                     |        |                  |         |                     |        |           |                         |                      |        |      |    |      |
| UGR                  | 0            |                                                                                     |  |                                                                                     |        |                  |         |                     |        |           |                         |                      |        |      |    |      |

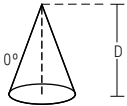
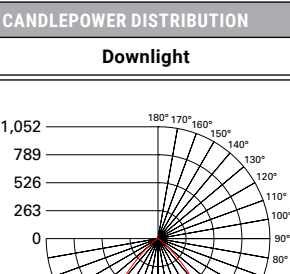
## Photometric Data

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| SHALLOW 85° BEAM (H) |              | CANDLEPOWER DISTRIBUTION                                                          |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                     |      | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
|----------------------|--------------|-----------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|------|-----|-----|----|-----|-----|-----|-----|-----|------|------|-----|-----|------|------|---|-----|------|-----|------|----|-------|
| Test Number          | P571640      | Downlight                                                                         |      |                                                                                                                                                                                                                                                                                  |      | Degrees Vertical | Canдела | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Housing              | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>50.3</td><td>4.2</td><td>4.2</td></tr><tr><td>7'</td><td>16.4</td><td>7.4</td><td>7.4</td></tr><tr><td>9'</td><td>9.9</td><td>9.4</td><td>9.4</td></tr><tr><td>13'</td><td>4.8</td><td>13.6</td><td>13.6</td></tr><tr><td>16'</td><td>3.1</td><td>16.8</td><td>16.8</td></tr></table> |      | D                | FC      | L                   | W      | 4'        | 50.3                    | 4.2                  | 4.2 | 7' | 16.4 | 7.4 | 7.4 | 9' | 9.9 | 9.4 | 9.4 | 13' | 4.8 | 13.6 | 13.6 | 16' | 3.1 | 16.8 | 16.8 | 0 | 804 | 0-30 | 565 | 36.7 | 37 | 72577 |
| D                    | FC           | L                                                                                 | W    |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 4'                   | 50.3         | 4.2                                                                               | 4.2  |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 7'                   | 16.4         | 7.4                                                                               | 7.4  |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 9'                   | 9.9          | 9.4                                                                               | 9.4  |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 13'                  | 4.8          | 13.6                                                                              | 13.6 |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 16'                  | 3.1          | 16.8                                                                              | 16.8 |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Module               | EU4B10209035 | 5                                                                                 | 798  | 0-40                                                                                                                                                                                                                                                                                                                                                              | 875  | 56.9             | 45      | 65309               |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Trim                 | 4LBSH        | 15                                                                                | 730  | 0-60                                                                                                                                                                                                                                                                                                                                                              | 1384 | 90               | 55      | 52605               |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Lumens               | 1538         | 25                                                                                | 618  | 0-90                                                                                                                                                                                                                                                                                                                                                              | 1538 | 100              | 65      | 34942               |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Efficacy             | 97.3 Lm/W    | 35                                                                                | 496  | 90-180                                                                                                                                                                                                                                                                                                                                                            | 0    | 0                | 75      | 13670               |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| SC                   | 1.06         | 45                                                                                | 376  | 0-180                                                                                                                                                                                                                                                                                                                                                             | 1538 | 100              | 85      | 0                   |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
| UGR                  | 26.5         | 55                                                                                | 246  |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 65                                                                                | 120  |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 75                                                                                | 29   |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 85                                                                                | 0    |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 90                                                                                | 0    |                                                                                                                                                                                                                                                                                                                                                                   |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |     |     |     |     |     |      |      |     |     |      |      |   |     |      |     |      |    |       |

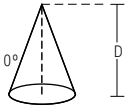
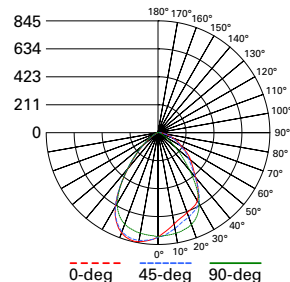
| SHALLOW 65° BEAM (LI) |              | CANDLEPOWER DISTRIBUTION                                                           |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                      |      | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
|-----------------------|--------------|------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|------|-----|-----|----|------|-----|-----|-----|-----|------|------|-----|-----|------|------|---|------|------|-----|------|----|-------|
| Test Number           | P571641      | Downlight                                                                          |      |                                                                                                                                                                                                                                                                                   |      | Degrees Vertical | Canдела | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| Housing               | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>71.6</td><td>3.6</td><td>3.6</td></tr><tr><td>7'</td><td>23.4</td><td>6.2</td><td>6.2</td></tr><tr><td>9'</td><td>14.1</td><td>8.2</td><td>8.2</td></tr><tr><td>13'</td><td>6.8</td><td>11.8</td><td>11.8</td></tr><tr><td>16'</td><td>4.5</td><td>14.4</td><td>14.4</td></tr></table> |      | D                | FC      | L                   | W      | 4'        | 71.6                    | 3.6                  | 3.6 | 7' | 23.4 | 6.2 | 6.2 | 9' | 14.1 | 8.2 | 8.2 | 13' | 6.8 | 11.8 | 11.8 | 16' | 4.5 | 14.4 | 14.4 | 0 | 1145 | 0-30 | 712 | 44.4 | 37 | 77201 |
| D                     | FC           | L                                                                                  | W    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| 4'                    | 71.6         | 3.6                                                                                | 3.6  |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| 7'                    | 23.4         | 6.2                                                                                | 6.2  |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| 9'                    | 14.1         | 8.2                                                                                | 8.2  |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| 13'                   | 6.8          | 11.8                                                                               | 11.8 |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| 16'                   | 4.5          | 14.4                                                                               | 14.4 |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| Module                | EU4C10209035 | 5                                                                                  | 1115 | 0-40                                                                                                                                                                                                                                                                                                                                                               | 1048 | 65.3             | 45      | 64475               |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| Trim                  | 4LBSLI       | 15                                                                                 | 945  | 0-60                                                                                                                                                                                                                                                                                                                                                               | 1520 | 94.8             | 55      | 44508               |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| Lumens                | 1604         | 25                                                                                 | 749  | 0-90                                                                                                                                                                                                                                                                                                                                                               | 1604 | 100              | 65      | 21163               |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| Efficacy              | 101.5 Lm/W   | 35                                                                                 | 534  | 90-180                                                                                                                                                                                                                                                                                                                                                             | 0    | 0                | 75      | 1709                |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| SC                    | 0.91         | 45                                                                                 | 371  | 0-180                                                                                                                                                                                                                                                                                                                                                              | 1604 | 100              | 85      | 0                   |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
| UGR                   | 23.9         | 55                                                                                 | 208  |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
|                       |              | 65                                                                                 | 73   |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
|                       |              | 75                                                                                 | 4    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
|                       |              | 85                                                                                 | 0    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |
|                       |              | 90                                                                                 | 0    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |     |     |     |     |      |      |     |     |      |      |   |      |      |     |      |    |       |

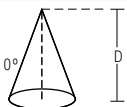
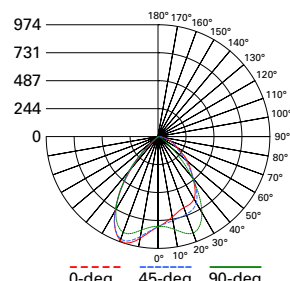
| WIDE 80° BEAM (H) |              | CANDLEPOWER DISTRIBUTION                                                            |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                      |      | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
|-------------------|--------------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|------|-----|-----|----|------|------|------|-----|---|------|------|-----|-----|------|------|---|-----|------|-----|------|----|-------|
| Test Number       | P571642      | Downlight                                                                           |      |                                                                                                                                                                                                                                                                                 |      | Degrees Vertical | Canдела | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Housing           | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>52.7</td><td>4.6</td><td>4.6</td></tr><tr><td>7'</td><td>17.2</td><td>8.2</td><td>8.2</td></tr><tr><td>9'</td><td>10.4</td><td>10.4</td><td>10.4</td></tr><tr><td>13'</td><td>5</td><td>15.2</td><td>15.2</td></tr><tr><td>16'</td><td>3.3</td><td>18.8</td><td>18.8</td></tr></table> |      | D                | FC      | L                   | W      | 4'        | 52.7                    | 4.6                  | 4.6 | 7' | 17.2 | 8.2 | 8.2 | 9' | 10.4 | 10.4 | 10.4 | 13' | 5 | 15.2 | 15.2 | 16' | 3.3 | 18.8 | 18.8 | 0 | 844 | 0-30 | 653 | 49.9 | 37 | 75186 |
| D                 | FC           | L                                                                                   | W    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 4'                | 52.7         | 4.6                                                                                 | 4.6  |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 7'                | 17.2         | 8.2                                                                                 | 8.2  |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 9'                | 10.4         | 10.4                                                                                | 10.4 |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 13'               | 5            | 15.2                                                                                | 15.2 |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| 16'               | 3.3          | 18.8                                                                                | 18.8 |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Module            | EU4C10209035 | 5                                                                                   | 844  | 0-40                                                                                                                                                                                                                                                                                                                                                               | 991  | 75.7             | 45      | 45989               |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Trim              | 4LBWH        | 15                                                                                  | 821  | 0-60                                                                                                                                                                                                                                                                                                                                                               | 1276 | 97.5             | 55      | 17885               |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Lumens            | 1309         | 25                                                                                  | 748  | 0-90                                                                                                                                                                                                                                                                                                                                                               | 1309 | 100              | 65      | 6715                |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| Efficacy          | 82.8 Lm/W    | 35                                                                                  | 547  | 90-180                                                                                                                                                                                                                                                                                                                                                             | 0    | 0                | 75      | 3370                |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| SC                | 1.18         | 45                                                                                  | 265  | 0-180                                                                                                                                                                                                                                                                                                                                                              | 1309 | 100              | 85      | 0                   |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
| UGR               | 17.9         | 55                                                                                  | 84   |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                   |              | 65                                                                                  | 23   |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                   |              | 75                                                                                  | 7    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                   |              | 85                                                                                  | 0    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |
|                   |              | 90                                                                                  | 0    |                                                                                                                                                                                                                                                                                                                                                                    |      |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |      |      |      |     |   |      |      |     |     |      |      |   |     |      |     |      |    |       |

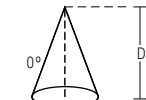
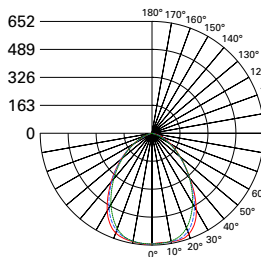
| WIDE 80° BEAM (LI) |              | CANDLEPOWER DISTRIBUTION                                                            |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                |      | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
|--------------------|--------------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|---|----|------|---|---|----|------|------|------|-----|-----|------|------|-----|-----|------|------|---|-----|------|-----|------|----|---|
| Test Number        | P571643      | Downlight                                                                           |      |                                                                                                                                                                                                                                                                           |      | Degrees Vertical | Canдела | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| Housing            | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>59.5</td><td>5</td><td>5</td></tr><tr><td>7'</td><td>19.4</td><td>9</td><td>9</td></tr><tr><td>9'</td><td>11.8</td><td>11.6</td><td>11.6</td></tr><tr><td>13'</td><td>5.6</td><td>16.6</td><td>16.6</td></tr><tr><td>16'</td><td>3.7</td><td>20.6</td><td>20.6</td></tr></table> |      | D                | FC      | L                   | W      | 4'        | 59.5                    | 5                    | 5 | 7' | 19.4 | 9 | 9 | 9' | 11.8 | 11.6 | 11.6 | 13' | 5.6 | 16.6 | 16.6 | 16' | 3.7 | 20.6 | 20.6 | 0 | 950 | 0-30 | 844 | 54.4 | 37 | - |
| D                  | FC           | L                                                                                   | W    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| 4'                 | 59.5         | 5                                                                                   | 5    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| 7'                 | 19.4         | 9                                                                                   | 9    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| 9'                 | 11.8         | 11.6                                                                                | 11.6 |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| 13'                | 5.6          | 16.6                                                                                | 16.6 |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| 16'                | 3.7          | 20.6                                                                                | 20.6 |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| Module             | EU4C10209035 | 5                                                                                   | 963  | 0-40                                                                                                                                                                                                                                                                                                                                                         | 1289 | 83.1             | 45      | -                   |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| Trim               | 4LBWLI       | 15                                                                                  | 1036 | 0-60                                                                                                                                                                                                                                                                                                                                                         | 1546 | 99.7             | 55      | -                   |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| Lumens             | 1551         | 25                                                                                  | 1005 | 0-90                                                                                                                                                                                                                                                                                                                                                         | 1551 | 100              | 65      | -                   |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| Efficacy           | 98.2 Lm/W    | 35                                                                                  | 723  | 90-180                                                                                                                                                                                                                                                                                                                                                       | 0    | 0                | 75      | -                   |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| SC                 | 1.29         | 45                                                                                  | 279  | 0-180                                                                                                                                                                                                                                                                                                                                                        | 1551 | 100              | 85      | -                   |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
| UGR                | 6.9          | 55                                                                                  | 28   |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
|                    |              | 65                                                                                  | 4    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
|                    |              | 75                                                                                  | 2    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
|                    |              | 85                                                                                  | 0    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |
|                    |              | 90                                                                                  | 0    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |   |    |      |   |   |    |      |      |      |     |     |      |      |     |     |      |      |   |     |      |     |      |    |   |

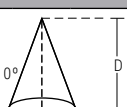
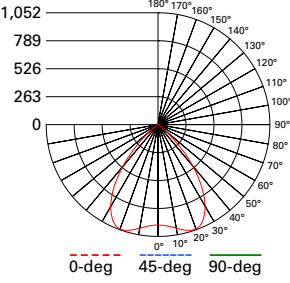
## Photometric Data

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| SINGLE WALL WASH (H) |              | CANDLEPOWER DISTRIBUTION                                                          |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                  |  | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|----------------------|--------------|-----------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|------|-----|---|----|------|------|------|-----|-----|------|----|-----|-----|------|------|---|-----|------|-----|------|----|-------|
| Test Number          | P571644      | Downlight                                                                         |      |                                                                                                                                                                                                                                                                               |  | Degrees Vertical | Candela | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Housing              | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>51</td><td>4.4</td><td>4.6</td></tr><tr><td>7'</td><td>16.6</td><td>7.9</td><td>8</td></tr><tr><td>9'</td><td>10.1</td><td>10.1</td><td>10.2</td></tr><tr><td>13'</td><td>4.8</td><td>14.7</td><td>15</td></tr><tr><td>16'</td><td>3.2</td><td>18.1</td><td>18.4</td></tr></table> |  | D                | FC      | L                   | W      | 4'        | 51                      | 4.4                  | 4.6 | 7' | 16.6 | 7.9 | 8 | 9' | 10.1 | 10.1 | 10.2 | 13' | 4.8 | 14.7 | 15 | 16' | 3.2 | 18.1 | 18.4 | 0 | 793 | 0-30 | 608 | 43.8 | 37 | 75835 |
| D                    | FC           | L                                                                                 | W    |                                                                                                                                                                                                                                                                                                                                                                |  |                  |         |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 4'                   | 51           | 4.4                                                                               | 4.6  |                                                                                                                                                                                                                                                                                                                                                                |  |                  |         |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 7'                   | 16.6         | 7.9                                                                               | 8    |                                                                                                                                                                                                                                                                                                                                                                |  |                  |         |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 9'                   | 10.1         | 10.1                                                                              | 10.2 |                                                                                                                                                                                                                                                                                                                                                                |  |                  |         |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 13'                  | 4.8          | 14.7                                                                              | 15   |                                                                                                                                                                                                                                                                                                                                                                |  |                  |         |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 16'                  | 3.2          | 18.1                                                                              | 18.4 |                                                                                                                                                                                                                                                                                                                                                                |  |                  |         |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Module               | EU4C10209035 |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 5                | 746     | 0-40                | 928    | 66.7      | 45                      | 64441                |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Trim                 | 4LCSWH       |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 15               | 669     | 0-60                | 1283   | 92.3      | 55                      | 56032                |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Lumens               | 1390         |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 25               | 625     | 0-90                | 1390   | 100       | 65                      | 46337                |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Efficacy             | 88 Lm/W      |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 35               | 527     | 90-180              | 0      | 0         | 75                      | 34936                |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| SC                   | 1.17         |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 45               | 371     | 0-180               | 1390   | 100       | 85                      | 24527                |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| UGR                  | 29.6         |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 55               | 262     |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 65               | 159     |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 75               | 74      |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 85               | 17      |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              |                                                                                   |      |                                                                                                                                                                                                                                                                                                                                                                |  | 90               | 0       |                     |        |           |                         |                      |     |    |      |     |   |    |      |      |      |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |

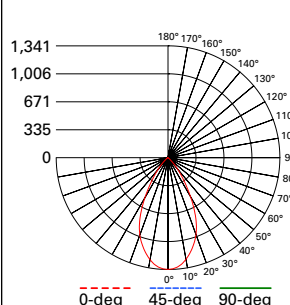
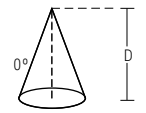
| SINGLE WALL WASH (LI) |              | CANDLEPOWER DISTRIBUTION                                                                                                                         |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                  |      | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|-----------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|------|---|-----|----|------|------|----|-----|-----|------|----|-----|-----|------|------|---|-----|------|-----|------|----|-------|
| Test Number           | P571645      | Downlight                                                                                                                                        |      |                                                                                                                                                                                                                                                                               |      | Degrees Vertical | Candela | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Housing               | LE*4C15D010  |  <div><div>0-deg</div><div>45-deg</div><div>90-deg</div></div> |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>54.2</td><td>4.5</td><td>4.8</td></tr><tr><td>7'</td><td>17.7</td><td>8</td><td>8.6</td></tr><tr><td>9'</td><td>10.7</td><td>10.3</td><td>11</td></tr><tr><td>13'</td><td>5.1</td><td>14.9</td><td>16</td></tr><tr><td>16'</td><td>3.4</td><td>18.4</td><td>19.6</td></tr></table> |      | D                | FC      | L                   | W      | 4'        | 54.2                    | 4.5                  | 4.8 | 7' | 17.7 | 8 | 8.6 | 9' | 10.7 | 10.3 | 11 | 13' | 5.1 | 14.9 | 16 | 16' | 3.4 | 18.4 | 19.6 | 0 | 783 | 0-30 | 680 | 47.1 | 37 | 78745 |
| D                     | FC           |                                                                                                                                                  |      | L                                                                                                                                                                                                                                                                                                                                                              | W    |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 4'                    | 54.2         |                                                                                                                                                  |      | 4.5                                                                                                                                                                                                                                                                                                                                                            | 4.8  |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 7'                    | 17.7         |                                                                                                                                                  |      | 8                                                                                                                                                                                                                                                                                                                                                              | 8.6  |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 9'                    | 10.7         |                                                                                                                                                  |      | 10.3                                                                                                                                                                                                                                                                                                                                                           | 11   |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 13'                   | 5.1          | 14.9                                                                                                                                             | 16   |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 16'                   | 3.4          | 18.4                                                                                                                                             | 19.6 |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Module                | EU4C10209035 | 5                                                                                                                                                | 745  | 0-40                                                                                                                                                                                                                                                                                                                                                           | 1041 | 72.1             | 45      | 66786               |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Trim                  | 4LCSWLI      | 15                                                                                                                                               | 673  | 0-60                                                                                                                                                                                                                                                                                                                                                           | 1362 | 94.2             | 55      | 50356               |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Lumens                | 1445         | 25                                                                                                                                               | 648  | 0-90                                                                                                                                                                                                                                                                                                                                                           | 1445 | 100              | 65      | 41599               |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Efficacy              | 91.5 Lm/W    | 35                                                                                                                                               | 548  | 90-180                                                                                                                                                                                                                                                                                                                                                         | 0    | 0                | 75      | 27151               |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| SC                    | 1.3          | 45                                                                                                                                               | 384  | 0-180                                                                                                                                                                                                                                                                                                                                                          | 1445 | 100              | 85      | 14378               |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| UGR                   | 28.3         | 55                                                                                                                                               | 235  |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                       |              | 65                                                                                                                                               | 143  |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                       |              | 75                                                                                                                                               | 57   |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                       |              | 85                                                                                                                                               | 10   |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                       |              | 90                                                                                                                                               | 0    |                                                                                                                                                                                                                                                                                                                                                                |      |                  |         |                     |        |           |                         |                      |     |    |      |   |     |    |      |      |    |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |

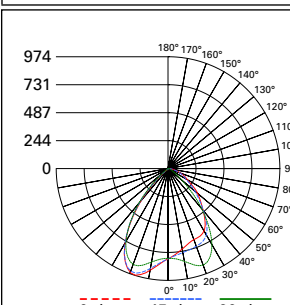
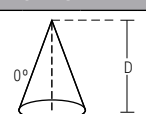
| LENSED WALL WASH (LI) |              | CANDLEPOWER DISTRIBUTION                                                            |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                 |  | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
|-----------------------|--------------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|------|-----|-----|----|---|------|----|-----|-----|------|------|-----|-----|----|------|---|-----|------|-----|----|----|-------|
| Test Number           | P571646      | Downlight                                                                           |      |                                                                                                                                                                                                                                                                            |  | Degrees Vertical | Candela | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| Housing               | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>40.7</td><td>4.6</td><td>4.4</td></tr><tr><td>7'</td><td>13.3</td><td>8.2</td><td>7.8</td></tr><tr><td>9'</td><td>8</td><td>10.6</td><td>10</td></tr><tr><td>13'</td><td>3.8</td><td>15.4</td><td>14.4</td></tr><tr><td>16'</td><td>2.5</td><td>19</td><td>17.8</td></tr></table> |  | D                | FC      | L                   | W      | 4'        | 40.7                    | 4.6                  | 4.4 | 7' | 13.3 | 8.2 | 7.8 | 9' | 8 | 10.6 | 10 | 13' | 3.8 | 15.4 | 14.4 | 16' | 2.5 | 19 | 17.8 | 0 | 650 | 0-30 | 499 | 40 | 37 | 61806 |
| D                     | FC           | L                                                                                   | W    |                                                                                                                                                                                                                                                                                                                                                               |  |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| 4'                    | 40.7         | 4.6                                                                                 | 4.4  |                                                                                                                                                                                                                                                                                                                                                               |  |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| 7'                    | 13.3         | 8.2                                                                                 | 7.8  |                                                                                                                                                                                                                                                                                                                                                               |  |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| 9'                    | 8            | 10.6                                                                                | 10   |                                                                                                                                                                                                                                                                                                                                                               |  |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| 13'                   | 3.8          | 15.4                                                                                | 14.4 |                                                                                                                                                                                                                                                                                                                                                               |  |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| 16'                   | 2.5          | 19                                                                                  | 17.8 |                                                                                                                                                                                                                                                                                                                                                               |  |                  |         |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| Module                | EU4C10209035 |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 5                | 644     | 0-40                | 766    | 61.5      | 45                      | 48248                |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| Trim                  | 4LBLWWLI     |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 15               | 647     | 0-60                | 1139   | 91.4      | 55                      | 37226                |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| Lumens                | 1246         |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 25               | 591     | 0-90                | 1246   | 100       | 65                      | 28866                |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| Efficacy              | 78.9 Lm/W    |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 35               | 439     | 90-180              | 0      | 0         | 75                      | 19936                |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| SC                    | 1.12         |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 45               | 278     | 0-180               | 1246   | 100       | 85                      | 4088                 |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
| UGR                   | 26.3         |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 55               | 174     |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
|                       |              |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 65               | 99      |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
|                       |              |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 75               | 42      |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
|                       |              |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 85               | 3       |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |
|                       |              |                                                                                     |      |                                                                                                                                                                                                                                                                                                                                                               |  | 90               | 0       |                     |        |           |                         |                      |     |    |      |     |     |    |   |      |    |     |     |      |      |     |     |    |      |   |     |      |     |    |    |       |

| LENSED WALL WASH (H) |              | CANDLEPOWER DISTRIBUTION                                                            |      | CONE OF LIGHT                                                                                                                                                                                                                                                                                                                                                |      | CANDELA TABLE    |         | ZONAL LUMEN SUMMARY |        |           | LUMINANCE               |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|----------------------|--------------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------|---------------------|--------|-----------|-------------------------|----------------------|-----|----|----|---|-----|----|-----|------|-----|-----|-----|------|----|-----|-----|------|------|---|-----|------|-----|------|----|-------|
| Test Number          | P571647      | Downlight                                                                           |      |                                                                                                                                                                                                                                                                           |      | Degrees Vertical | Candela | Zone                | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Housing              | LE*4C15D010  |  |      | <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>39.7</td><td>4.5</td><td>4.2</td></tr><tr><td>7'</td><td>13</td><td>8</td><td>7.6</td></tr><tr><td>9'</td><td>7.8</td><td>10.2</td><td>9.8</td></tr><tr><td>13'</td><td>3.8</td><td>14.8</td><td>14</td></tr><tr><td>16'</td><td>2.5</td><td>18.3</td><td>17.4</td></tr></table> |      | D                | FC      | L                   | W      | 4'        | 39.7                    | 4.5                  | 4.2 | 7' | 13 | 8 | 7.6 | 9' | 7.8 | 10.2 | 9.8 | 13' | 3.8 | 14.8 | 14 | 16' | 2.5 | 18.3 | 17.4 | 0 | 635 | 0-30 | 471 | 39.4 | 37 | 62135 |
| D                    | FC           | L                                                                                   | W    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 4'                   | 39.7         | 4.5                                                                                 | 4.2  |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 7'                   | 13           | 8                                                                                   | 7.6  |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 9'                   | 7.8          | 10.2                                                                                | 9.8  |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 13'                  | 3.8          | 14.8                                                                                | 14   |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| 16'                  | 2.5          | 18.3                                                                                | 17.4 |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Module               | EU4C10209035 | 5                                                                                   | 639  | 0-40                                                                                                                                                                                                                                                                                                                                                         | 724  | 60.5             | 45      | 48734               |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Trim                 | 4LBLWWH      | 15                                                                                  | 639  | 0-60                                                                                                                                                                                                                                                                                                                                                         | 1084 | 90.6             | 55      | 37269               |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Lumens               | 1196         | 25                                                                                  | 586  | 0-90                                                                                                                                                                                                                                                                                                                                                         | 1196 | 100              | 65      | 29099               |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| Efficacy             | 75.7 Lm/W    | 35                                                                                  | 441  | 90-180                                                                                                                                                                                                                                                                                                                                                       | 0    | 0                | 75      | 20268               |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| SC                   | 1.09         | 45                                                                                  | 280  | 0-180                                                                                                                                                                                                                                                                                                                                                        | 1196 | 100              | 85      | 5497                |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
| UGR                  | 26.5         | 55                                                                                  | 174  |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 65                                                                                  | 100  |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 75                                                                                  | 43   |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 85                                                                                  | 4    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |
|                      |              | 90                                                                                  | 0    |                                                                                                                                                                                                                                                                                                                                                              |      |                  |         |                     |        |           |                         |                      |     |    |    |   |     |    |     |      |     |     |     |      |    |     |     |      |      |   |     |      |     |      |    |       |

## Photometric Data

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| MEDIUM BEAM 45° CUTOFF<br>55° BEAM (H) |              | CANDLEPOWER DISTRIBUTION                                                                              | CONE OF LIGHT                                                                     | CANDELA TABLE           | ZONAL LUMEN SUMMARY | LUMINANCE   |               |                  |                                |                             |
|----------------------------------------|--------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------|---------------------|-------------|---------------|------------------|--------------------------------|-----------------------------|
| Test Number                            | P571648      | <b>Downlight</b><br> |  | <b>Degrees Vertical</b> | <b>Candela</b>      | <b>Zone</b> | <b>Lumens</b> | <b>% Fixture</b> | <b>Average Candela Degrees</b> | <b>Average 0° Luminance</b> |
| Housing                                | LE*4C15D010  |                                                                                                       |                                                                                   | 0                       | 1341                | 0-30        | 793           | 71.3             | 37                             | 41780                       |
| Module                                 | EU4C10209035 |                                                                                                       |                                                                                   | 5                       | 1318                | 0-40        | 1008          | 90.6             | 45                             | 15758                       |
| Trim                                   | 4LBMDH       |                                                                                                       |                                                                                   | 15                      | 1127                | 0-60        | 1103          | 99.1             | 55                             | 4284                        |
| Lumens                                 | 1113         |                                                                                                       |                                                                                   | 25                      | 791                 | 0-90        | 1113          | 100              | 65                             | 2064                        |
| Efficacy                               | 70.4 Lm/W    |                                                                                                       |                                                                                   | 35                      | 337                 | 90-180      | 0             | 0                | 75                             | 1044                        |
| SC                                     | 0.86         |                                                                                                       |                                                                                   | 45                      | 91                  | 0-180       | 1113          | 100              | 85                             | 423                         |
| UGR                                    | 9.5          |                                                                                                       |                                                                                   | 55                      | 20                  |             |               |                  |                                |                             |
|                                        |              |                                                                                                       |                                                                                   | 65                      | 7                   |             |               |                  |                                |                             |
|                                        |              |                                                                                                       |                                                                                   | 75                      | 2                   |             |               |                  |                                |                             |
|                                        |              |                                                                                                       |                                                                                   | 85                      | 0                   |             |               |                  |                                |                             |
|                                        |              |                                                                                                       |                                                                                   | 90                      | 0                   |             |               |                  |                                |                             |

| MEDIUM BEAM 45° CUTOFF<br>50° BEAM (LI) |              | CANDLEPOWER DISTRIBUTION                                                                               | CONE OF LIGHT                                                                     | CANDELA TABLE           | ZONAL LUMEN SUMMARY | LUMINANCE   |               |                  |                                |                             |
|-----------------------------------------|--------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------|---------------------|-------------|---------------|------------------|--------------------------------|-----------------------------|
| Test Number                             | P571649      | <b>Downlight</b><br> |  | <b>Degrees Vertical</b> | <b>Candela</b>      | <b>Zone</b> | <b>Lumens</b> | <b>% Fixture</b> | <b>Average Candela Degrees</b> | <b>Average 0° Luminance</b> |
| Housing                                 | LE*4C15D010  |                                                                                                        |                                                                                   | 0                       | 1700                | 0-30        | 1023          | 79.1             | 37                             | 36556                       |
| Module                                  | EU4C10209035 |                                                                                                        |                                                                                   | 5                       | 1751                | 0-40        | 1243          | 96               | 45                             | 8096                        |
| Trim                                    | 4LBMDLI      |                                                                                                        |                                                                                   | 15                      | 1545                | 0-60        | 1291          | 99.8             | 55                             | 1199                        |
| Lumens                                  | 1294         |                                                                                                        |                                                                                   | 25                      | 945                 | 0-90        | 1294          | 100              | 65                             | 640                         |
| Efficacy                                | 81.9 Lm/W    |                                                                                                        |                                                                                   | 35                      | 323                 | 90-180      | 0             | 0                | 75                             | 285                         |
| SC                                      | 0.84         |                                                                                                        |                                                                                   | 45                      | 47                  | 0-180       | 1294          | 100              | 85                             | 0                           |
| UGR                                     | 0.4          |                                                                                                        |                                                                                   | 55                      | 6                   |             |               |                  |                                |                             |
|                                         |              |                                                                                                        |                                                                                   | 65                      | 2                   |             |               |                  |                                |                             |
|                                         |              |                                                                                                        |                                                                                   | 75                      | 1                   |             |               |                  |                                |                             |
|                                         |              |                                                                                                        |                                                                                   | 85                      | 0                   |             |               |                  |                                |                             |
|                                         |              |                                                                                                        |                                                                                   | 90                      | 0                   |             |               |                  |                                |                             |

## Photometric Multipliers (Nominal Lumen Values)

| 250 Lumen | 500 Lumen | 800 Lumen | 1000 Lumen | 1500 Lumen | 2000 Lumen | 2500 Lumen | 3000 Lumen | 3500 Lumen |
|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| 0.22      | 0.42      | 0.57      | 0.65       | 1.00       | 1.29       | 1.62       | 1.90       | 2.25       |

| 4000 Lumen | 4500 Lumen | 5000 Lumen | 5500 Lumen | 6000 Lumen | 6500 Lumen | 7000 Lumen | 7500 Lumen |
|------------|------------|------------|------------|------------|------------|------------|------------|
| 2.61       | 3.02       | 3.42       | 3.82       | 4.13       | 4.32       | 4.54       | 5.34       |

Multipliers for relative lumen values with other series models.

## CCT Multipliers – 90CRI

| 2400K | 2700K | 3000K | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|-------|-------|
| 0.912 | 0.949 | 0.986 | 1     | 1.001 | 1.022 |

Multipliers for relative lumen values with other series color temperatures.

## CCT Multipliers – 97CRI

| 2700K | 3000K | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|-------|
| 0.889 | 0.955 | 1     | 1.016 | 1.07  |

Multipliers for relative lumen values with other series color temperatures.

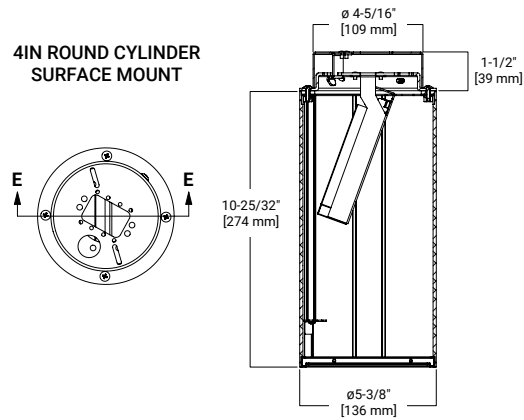
## Color Finish Multipliers (from H = Semi Specular Clear)

| Finish code | LI             | H                   | WMH       | WH    | GPH           | B              | MW          |
|-------------|----------------|---------------------|-----------|-------|---------------|----------------|-------------|
| Finish      | Specular Clear | Semi-Specular Clear | Warm Haze | Wheat | Graphite Haze | Specular Black | Matte White |
| Multiplier  | 1.25           | 1.00                | 1.02      | 1.02  | 0.72          | 0.55           | 0.95        |

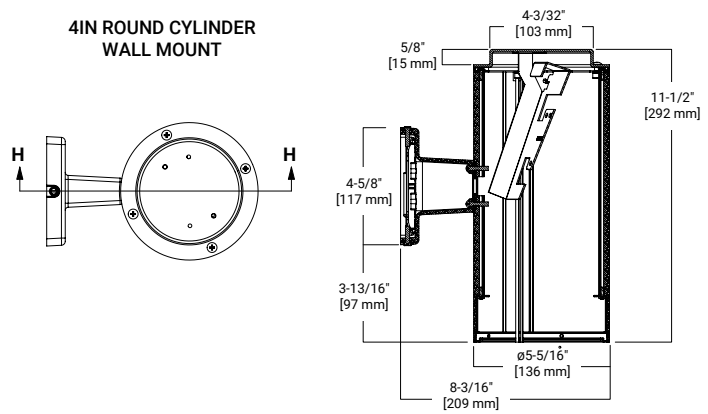
Multipliers for relative lumen values with other color finishes.

## Dimensional and Mounting Details

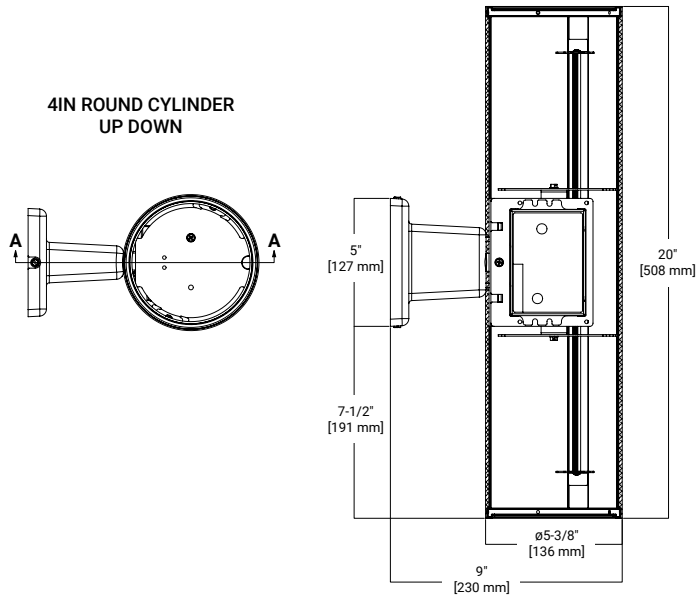
**4IN ROUND CYLINDER  
SURFACE MOUNT**



**4IN ROUND CYLINDER  
WALL MOUNT**

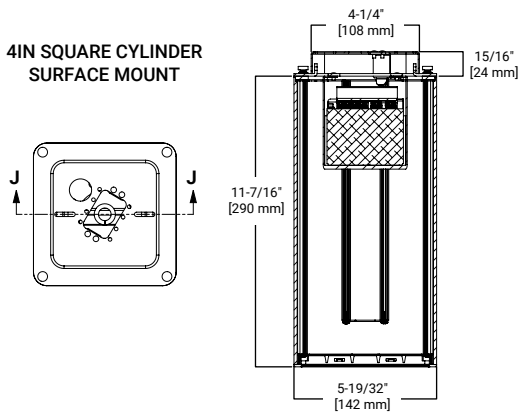


**4IN ROUND CYLINDER  
UP DOWN**

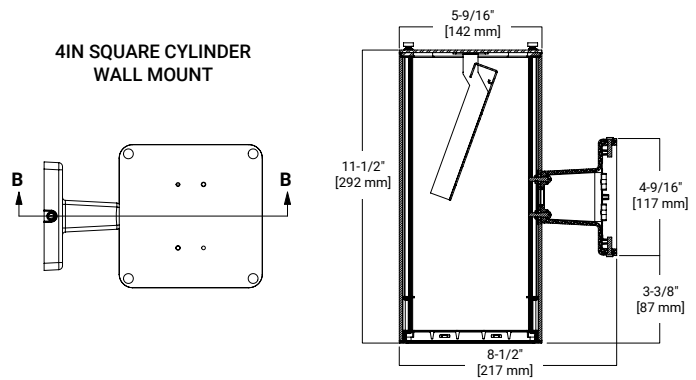


## Dimensional and Mounting Details

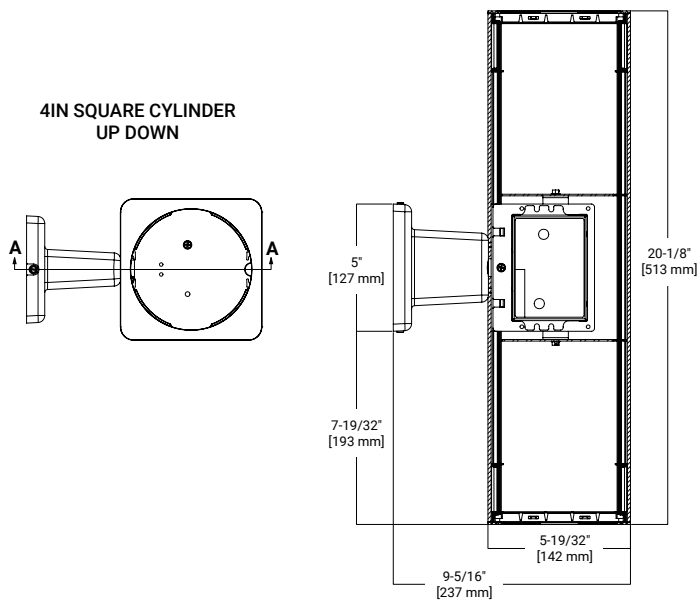
4IN SQUARE CYLINDER  
SURFACE MOUNT



4IN SQUARE CYLINDER  
WALL MOUNT

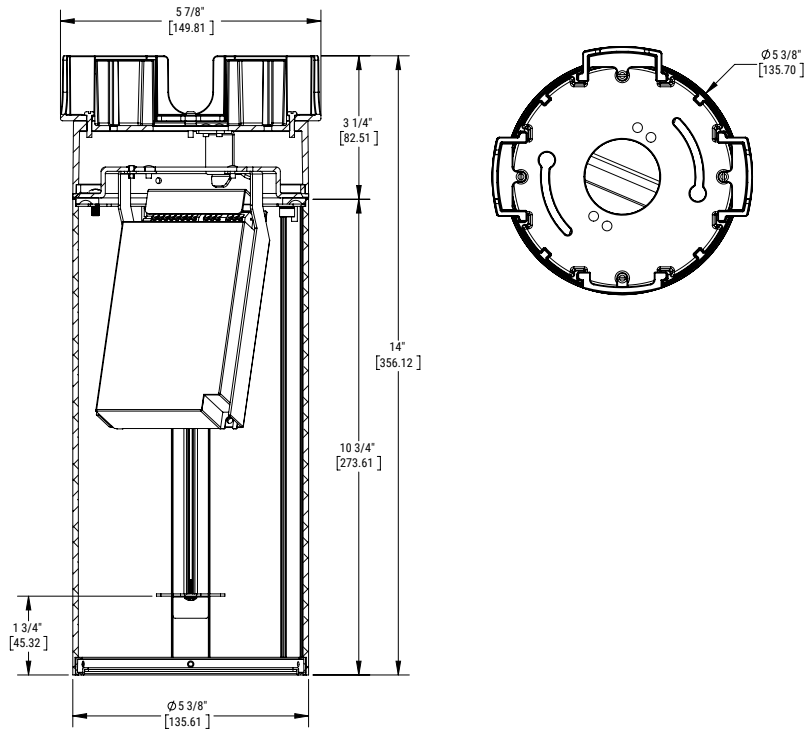


4IN SQUARE CYLINDER  
UP DOWN



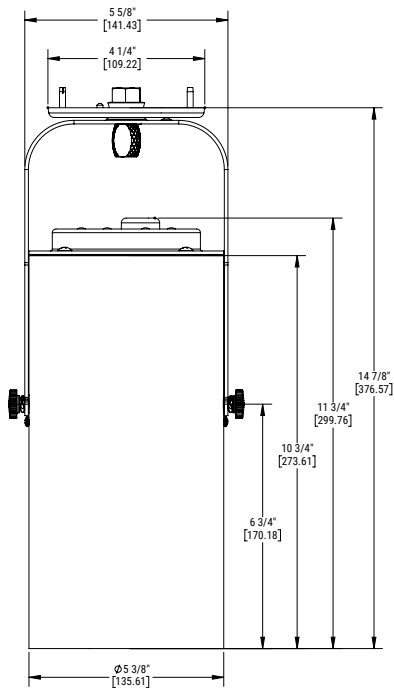
## Dimensional and Mounting Details

### 4" ROUND CONDUIT CANOPY

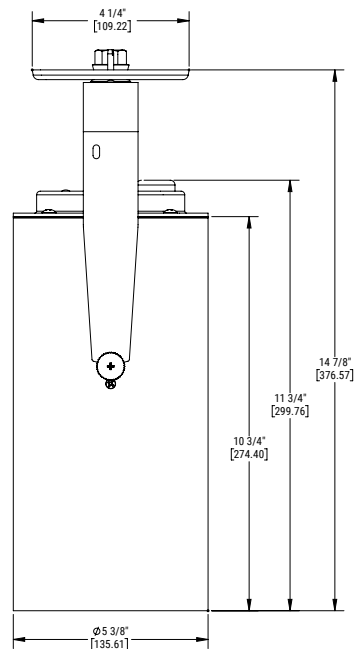


### 4" ROUND, YOKE MOUNT

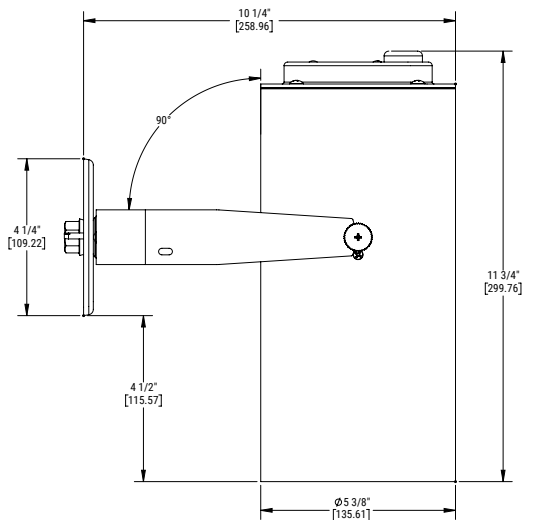
#### FRONT VIEW



#### SIDE VIEW @ 0° TILT

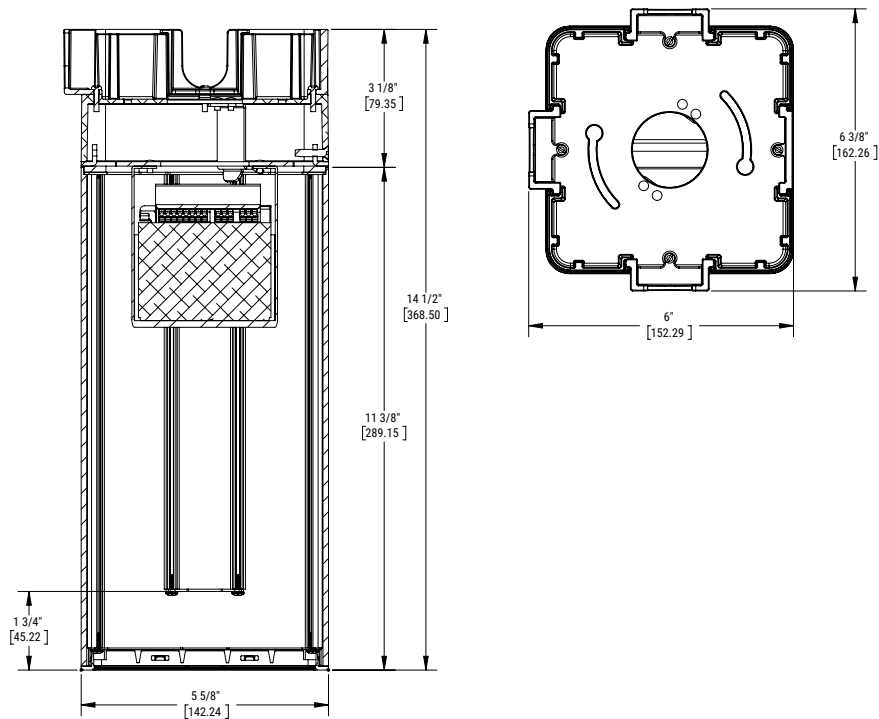


#### SIDE VIEW FULL TILT



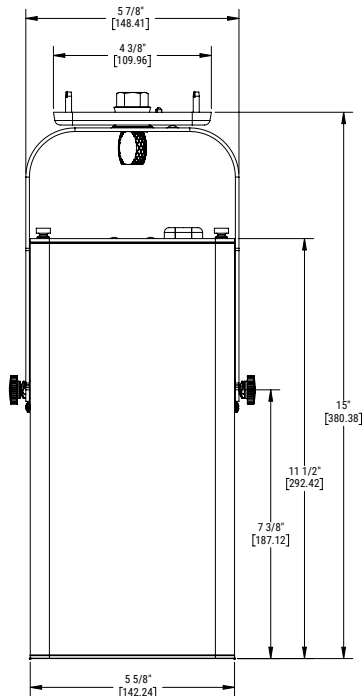
## Dimensional and Mounting Details

### 4" SQUARE CONDUIT CANOPY

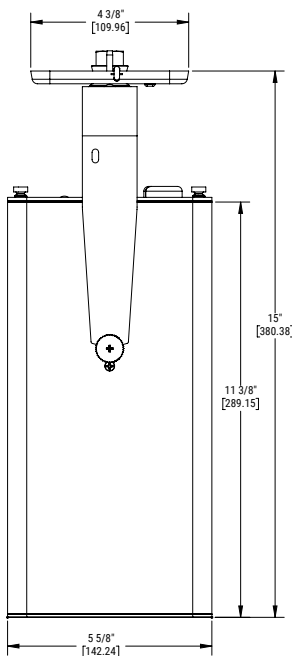


### 4" SQUARE YOKE MOUNT

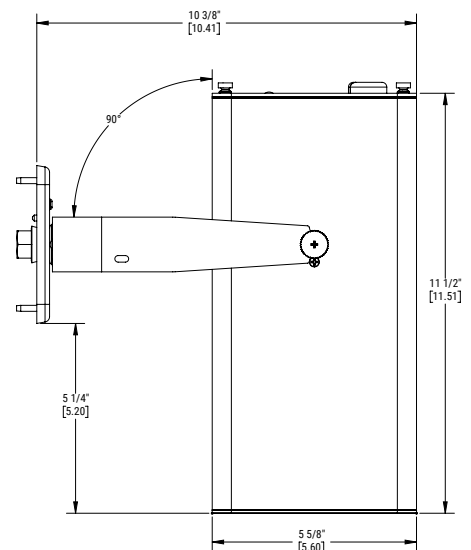
#### FRONT VIEW



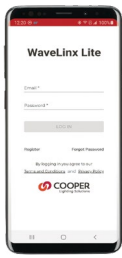
#### SIDE VIEW @ 0° TILT



#### SIDE VIEW FULL TILT



## Connected Solutions



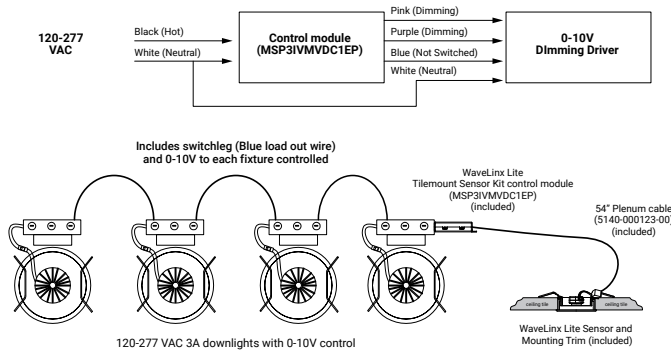
### WaveLinX LITE - WLST Tilemount Sensor

**WaveLinX LITE devices only compatible with the WaveLinX LITE system.**

- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic occupancy or vacancy, sensor sensitivity, daylight dimming, etc. configurable through the app
- Refer to the WaveLinX system specifications for details



#### WaveLinX LITE WLST Tilemount Wiring Diagram



#### WaveLinX LITE Bluetooth Enabled System



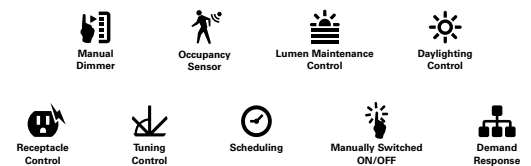
### WaveLinX PRO Wireless – WPST Tilemount Sensor

**WaveLinX PRO devices only compatible with the WaveLinX PRO system.**

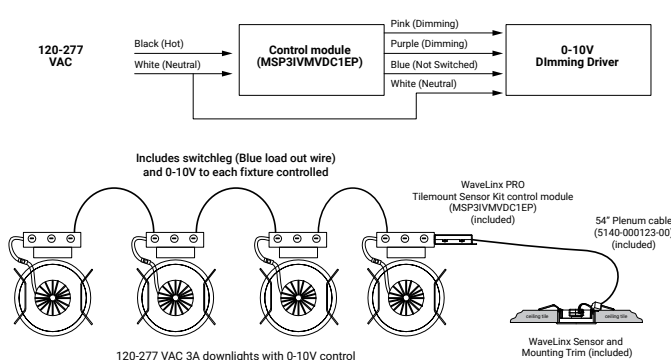
- WaveLinX PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations



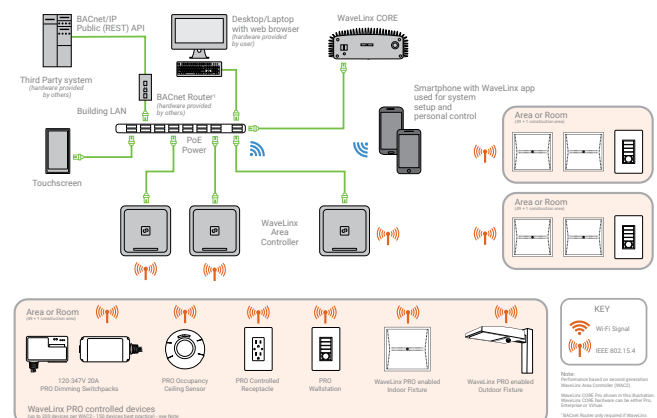
#### WaveLinX mobile app settings



#### WaveLinX PRO WPST Tilemount Wiring Diagram



#### WaveLinX CORE Building Management Integration



## Connected Solutions



### WaveLinX LITE Wireless Node - WLN

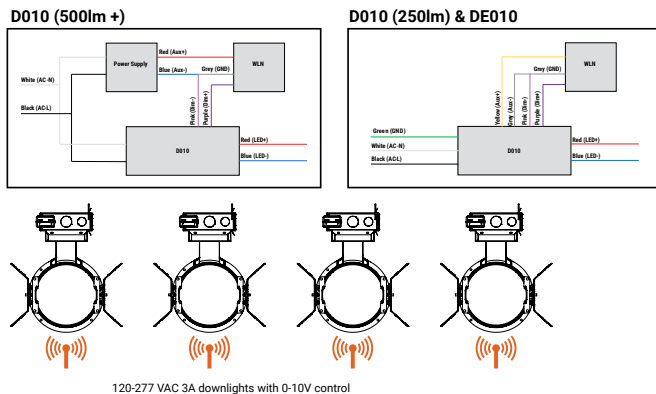
**WaveLinX LITE devices only compatible with the WaveLinX LITE system.**

- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Refer to the WaveLinX system specifications for details
- **Not available with BioUp or Tunable White**

**WaveLinX mobile app settings**



### WaveLinX LITE Wireless Node (WLN) Wiring Diagram



### WaveLinX LITE Bluetooth Enabled System



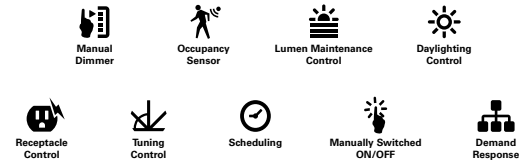
### WaveLinX PRO Wireless Node - WPN

**WaveLinX PRO devices only compatible with the WaveLinX PRO system.**

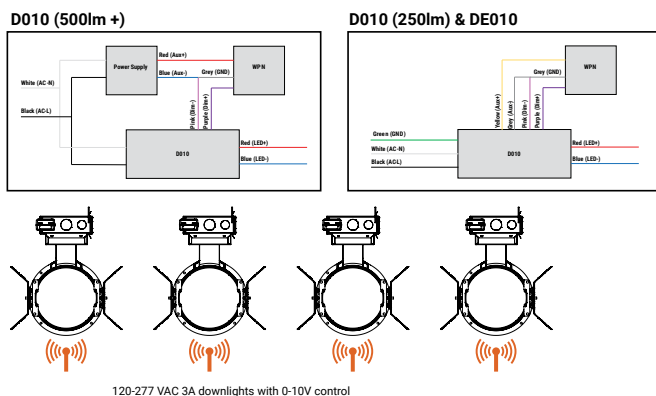
- WaveLinX Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with WaveLinX Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations



**WaveLinX mobile app settings**



### WaveLinX PRO Wireless Node (WPN) Wiring Diagram



### WaveLinX CORE Building Management Integration

