

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



Portfolio

LDA2B | 2LB

2-inch LED Round Adjustable, New Construction
500, 1000, 1500, 2000 Lumens

Typical Applications

Healthcare • Hospitality • Retail • Institutional • Indoor Display & Signage

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- Product Warranty

Product Certification



Control Compatibility



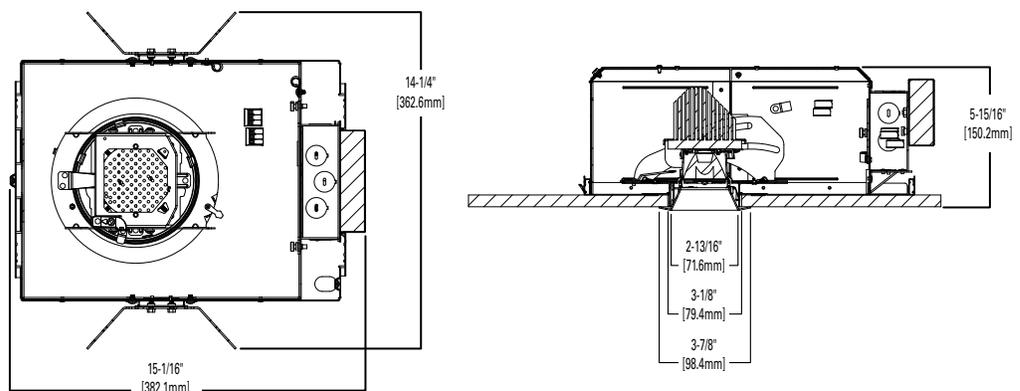
Product Features



Top Product Features

- Adjustable accent/slope or lensed wall wash (flat or sloped ceilings)
- Excellent light control and low aperture brightness
- 365° rotation and 45° tilt holds any aiming position
- Round die-cast or spun aluminum reflectors; Holds 2 lens media
- 6 color temperatures: 2400K, 2700K, 3000K, 3500K, 4000K and 5000K CCT
- CRI: 80, 90 or 97; D2W™ option from 3000K to 1850K; W2N Tunable White
- Lumens: 500-2,000; Field-interchangeable optics: 15° to 70° or elliptical beams
- 0-10V 1% dimming driver; Optional 100%-1% (DALI), 0-10V or DMX drivers
- Options to meet Trade Agreements Act requirements

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **LDA2B159030D010**

| Domestic Preferences ⁽¹⁵⁾ | Housing | Lumens ⁽¹⁾ | Distribution | CRI | Color | | | Voltage |
|--|---|---|---|---|---|--|--------------------------------|--|
| [Blank]=Standard TAA=Trade Agreements Act | LDA2B=New Construction Adjustable 2" Nominal Aperture LDA2BCP=New Construction Adjustable 2" Nominal Aperture Chicago Plenum ⁽¹¹⁾ | 05=500 lumens ⁽¹⁶⁾ 10=1000 lumens 15=1500 lumens 20=2000 lumens | 2R15SP=15° optic 2R20=20° optic 2R25NFL=25° optic 2R30=30° optic 2R35=35° optic 2R40FL=40° optic 2R45=45° optic 2R50=50° optic 2R55WFL=55° optic 2R60=60° optic 2R65=65° optic 2R70=70° optic 2R2040 = Elliptical 20° x 40° optic 2R2050 = Elliptical 20° x 50° optic 2R2060 = Elliptical 20° x 60° optic Blank=no optic (order accessory reflector) | 80=80 CRI minimum 90=90 CRI minimum 97=97 CRI minimum | 80 CRI 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K | 90 CRI 24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K | 97 CRI 27=2700K 30=3000K | Blank=120-277V 3=347V 0-10V only 1000-2000 lumens |
| | | | | | Dim to Warm (1000 & 1500 lumens only) 9030D2W=Dim to warm, 90CRI Tunable White (1000 lumens only) W2N902050 = 2000K-5000K W2N902765 = 2700K-6500K Choose 5LT or DE010 driver | | | |

| Driver | Options ^{(2) (10)} |
|--|---|
| D010=0-10V Dimming 1%-100%, 120-277V D010A=0-10V Dimming 1%-100%, 120-277V for installations with above ceiling access ⁽¹⁰⁾ D010TR=0-10V 120-277V Dimming 1%-100%, or 120V 5% line voltage dimming D010ATR=0-10V 120-277V Dimming 1%-100%, or 120V 5% line voltage dimming for installations with above ceiling access ⁽¹⁰⁾ DE010=0-10V Linear Dimming, 0% to 100%, 120V-277V ⁽¹⁰⁾ D5LT=Fifth Light® DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V ⁽¹⁰⁾ DMX=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V ^{(8) (10)} DMXC5=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection ^{(8) (10)} DLE=Lutron Ecosystem dimming 1% to 100%, 120V-277V ⁽¹⁰⁾ DLV=Low voltage dimming driver 1-100% for use with DLVP system ⁽¹⁰⁾ | EMBOD=Bodine® Emergency Module with Remote Test Switch EMBOD7ST=Bodine® Emergency Module with Self Test Remote Test Switch EM7=7W Emergency Module with Remote Test Switch EM14=14W Emergency Module with Remote Test Switch (not for use with DLVP driver) EMV7=7W Low Voltage Emergency Module with Remote Test Switch (for use with DLVP driver) ⁽⁸⁾ EMV14=14W Low Voltage Emergency Module with Remote Test Switch (for use with DLVP driver) ⁽⁸⁾ WPST=Factory installed WaveLinX (includes control module, sensor, cable, tilemount and ceiling mount sensor) ⁽⁸⁾ WLST=Factory installed WaveLinX LITE Sensor Kit ⁽¹³⁾ WPN = WaveLinX PRO Wireless Node without sensor ⁽²⁰⁾ WLN = WaveLinX LITE Wireless Node without sensor ⁽²¹⁾ |

SAMPLE ORDER NUMBER: **LDA2B159030D010**

| Trim | Reflector | Flange | Finish |
|-------------|---|---|--|
| 2LB=2" trim | D=Spun aluminum SW=Spun aluminum splay lensed wall wash with black oculus ⁽⁷⁾ SWW=Spun aluminum splay lensed wall wash with white oculus ⁽⁷⁾ DL=Lensed spun aluminum DC=Die cast aluminum ⁽³⁾ DLC=Lensed die cast aluminum PIN=Pinhole with black oculus PINW=Pinhole with white oculus | 1=Self-flanged 2=White Painted Self-flanged 3=Rimless ^{(12) (17)} Blank=Pinhole | LI=Specular Clear ⁽⁵⁾ H=Semi-Specular Clear ⁽⁵⁾ WMH=Warm Haze ⁽⁵⁾ WH=Wheat ⁽⁵⁾ WHH=Wheat Haze ⁽⁵⁾ GPH=Graphite Haze ⁽⁵⁾ B=Specular Black ⁽⁵⁾ MW=Matte White MB=Matte Black ⁽⁴⁾ MMS=Matte Metallic Silver ⁽⁴⁾ |

| Accessories | | |
|--|--|---|
| 2RAPR=Round plaster lathing ring (order with rimless option) EDC2SQ=Ceiling extension kit for ceilings 7/8" - 1-1/4" Bar Hangers HB26=Pair C-channel bar hanger, 26" long HB50=Pair C-channel bar hanger, 50" long RMB22=Pair wood joist bar hanger 22" long Connected Lighting Systems ⁽¹⁴⁾ WPST = Field installed WaveLinX sensor Kit ⁽⁹⁾ WLST = Field installed WaveLinX Lite Sensor Kit ⁽¹³⁾ Beam Forming Optic (required when ordering no optic for distribution) 2R15SP=15° 2R45=45° 2R2040 = Elliptical 20° x 40° 2R20=20° 2R50=50° 2R2050 = Elliptical 20° x 50° 2R25NFL=25° 2R55WFL=55° 2R2060 = Elliptical 20° x 60° 2R30=30° 2R60=60° 2R35=35° 2R65=65° 2R40FL=40° 2R70=70° | L100 Lenses - color filters L112=Red Gel Filter L114=Ultraviolet, Dichoric Filter L120=Red, Dichoric Filter L121=Amber, Dichoric Filter L122=Yellow, Dichoric Filter L123=Green, Dichoric Filter L124=Daylight Blue, Dichoric Filter L125=Blue, Dichoric Filter L127=Cosmetic (2700K), Dichoric Filter L131=Amber, Gel Filter | L100 Lenses - optical lenses L110N=Diffuse Sandblasted Lens: Provides an even beam spread - especially useful in wall washing. L111=Soft Focus Lens: Smooths irregular beam pattern while maintaining high controlled illumination levels and beam angles. L113=Prismatic Spread Lens: Provides a symmetrical broadening of lamp beam. Suitable when a wide, uniform light distribution is required. L115=Linear Spread Lens: Fans out the beam 55° (27-1/2° to each side) to produce a wide rectangular pattern. L100MB=Black finished metal hexagonal-cell louver - controls light spill while retaining lamp optics. |

- Notes**
- Nominal Lumens will vary depending on selected color, driver and reflector finish.
 - Not available with Chicago Plenum.
 - Only available with Matte White, Matte metallic silver and Matte Black Finishes.
 - Available only on DC.
 - Not available on Pinhole or DC distributions
 - DMX fixtures default to full on upon loss of DMX signal.
 - Housing ships standard at 15° tilt for optimal wall wash position.
 - UL US approved only.
 - WPST = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
 - Requires above ceiling access.
 - Must be used with lensed reflector.

- Available on D, DL, DLC and DC.
- WLST = WaveLinX LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX LITE system specifications)
- Refer to system specifications for additional information, features and benefits. Order either factory installed option or accessory, use with 0-10V driver. Example: TAALDA2B159030D010-2LB
- Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to [DOMESTIC PREFERENCES](#) website 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. Consult factory for further information.
- Limited to D010, D010A and DLVP drivers.
- For use with plaster lathing ring 2RAPR (required).

- 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.
- 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 0-10V driver only.

Product Specifications

Lower Reflector

- Painted die cast aluminum or anodized aluminum lower reflector providing superior lumen output with minimal source brightness.
- Flat cut cone allows for full output and tilt range. Pinhole includes black oculus to control glare.
- Anodized reflectors are offered in all Portfolio Alzak® finishes.
- Plaster lathing ring accessory offered for flush reflector transition.

Trim Retention

- Reflector is retained with pressure springs holding the flange tight to the finished ceiling surface.

Housing

- Steel housing and collar painted matte black to eliminate stray light.
- Housing is top accessible.
- Collar adjusts vertically to accommodate 1/2" to 7/8" thick ceilings and locks in position with (4) screws.
- Extended depth collar accessory for 7/8" to 1.25" ceiling thickness.
- Integral gun sights facilitate the use of guide strings or laser lines.
- Shipped with overspray protector installed.

Adjustment Mechanism

- Mechanism allows smooth 365° rotation and lockable 45° tilt adjustment and locks in position with 1/4" Phillips hex driver.
- Aiming scale enables consistent setting across multiple fixtures.

Optic

- Interchangeable silicone optic in elliptical pattern and 5° increments from 15°-70° providing smooth beam without color separation.
- Media holder fits onto optic holder and holds up to two lens media.

Universal Mounting Bracket

- Accepts 1/2" EMT, C Channel, Tbar fasteners and hanger bars.

Junction Box

- (4) 1/2" trade size pry outs positioned to allow straight conduit runs.
- Listed for (4) #12AWG (two in, two out) 90°C conductors and feed thru branch wiring for top access units (with top access units only).
- Lever connectors for simple push in wiring.

Thermal

- Forged aluminum heat sink conducts heat away from the LED COB for optimal performance and long life.

LED

- Chip on board with a multitude of highly efficient white LED's, combined with TIR optic produces an even distribution with no pixilation.
- Lumen output shall not decrease by more than 10% over the minimum life of 55,000 hours (L90 > 55,000 hours).
- Auto resetting, thermally protected, LED's are turned off when safe operating temperatures are exceeded.
- Color variation within 2-step MacAdam ellipses.
- Available in 80, 90 or 97 CRI. D2W™ – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.

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® Ecosystem (standard 0-10V driver and 0-10V/ leading edge can be serviced from above or through the aperture others require above ceiling access).
- Distributed low voltage power system combines power, lighting, and controls with ease of installation.

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 - RealTime 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.**

Code Compliance

- Thermally protected
- cULus Certified to UL 1598 / C22.2 No. 250.0 suitable for wet locations with downlight; damp location with wall wash and hyperbolic with covered ceiling
- EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits.
- IC-rated and air tight with lensed trims, RoHS Compliant.
- Photometric testing completed in accordance with IES LM 79.
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference certified light fixtures database

Warranty

- Five year warranty www.cooperlighting.com/legal

Energy Data

| ENERGY DATA |
|--|
| Sound Rating: Class A standards |
| (Values at non-dimming line voltage) |
| Minimum Starting Temperature: -30°C (-22°F) |
| EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer) |
| Input Voltage: UNV (120V - 277V) |
| Power Factor: >0.90 (at nominal input 120-277 VAC & 100% of Rated Output Power) |
| Input Frequency: 50/60Hz |

| 500 Lumen D010 | | 1000 Lumen D010 | |
|---------------------------|---------------------------|----------------------------|----------------------------|
| Input Power: 7.4W | THD: <14.4% | Input Power: 11W | THD: <13.8% |
| 120V Input Current: 0.06A | 277V Input Current: 0.03A | 120V Input Current: 0.086A | 277V Input Current: 0.042A |

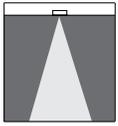
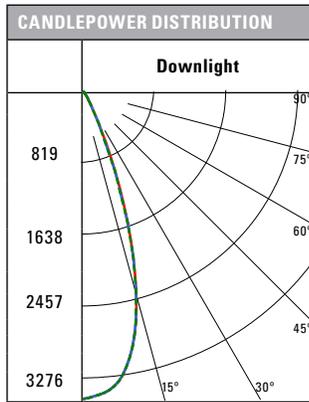
| 1500 Lumen D010 | | 2000 Lumen D010 | |
|---------------------------|---------------------------|---------------------------|----------------------------|
| Input Power: 15.1W | THD: <13.0% | Input Power: 21.2W | THD: <8.6% |
| 120V Input Current: 0.13A | 277V Input Current: 0.06A | 120V Input Current: 0.18A | 277V Input Current: 0.081A |

| Lumens | 120V | | 277V | |
|-----------------|------------|---------------|------------|---------------|
| | Inrush (A) | Duration (ms) | Inrush (A) | Duration (ms) |
| 500 Lumen D010 | 0.64 | 0.05 | 1.4 | 0.04 |
| 1000 Lumen D010 | 1.02 | 0.041 | 2.18 | 0.021 |
| 1500 Lumen D010 | 1.02 | 1.02 | 2.24 | 0.064 |
| 2000 Lumen D010 | 1.02 | 0.077 | 2.43 | 0.027 |

Photometric Data

View IES files

| FLOOD | |
|-------------|-----------------|
| Test Number | G2-1811-033-3 |
| Housing | LDA2B108035D010 |
| Module | EU2B10FL408035 |
| Trim | 2LBD1H |
| Lumens | 1177 |
| Efficacy | 117.7 Lm/W |
| SC | 0.61 |

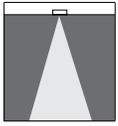
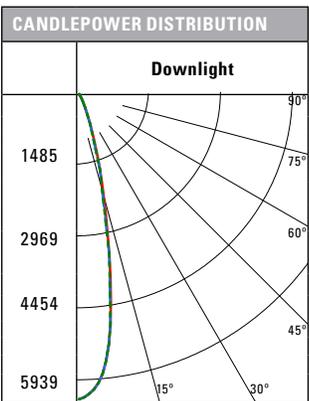
| CONE OF LIGHT | | | | |
|---------------|------|-----|-----|--|
| | | | | |
| D | FC | L | W | |
| 4' | 205 | 2.4 | 2.4 | |
| 7' | 66.9 | 4.2 | 4.2 | |
| 9' | 40.5 | 5.4 | 5.4 | |
| 13' | 19.4 | 7.8 | 7.8 | |
| 16' | 12.8 | 9.6 | 9.6 | |

| CANDELA TABLE | |
|------------------|---------|
| Degrees Vertical | Candela |
| 0 | 3280 |
| 5 | 3198 |
| 15 | 2208 |
| 25 | 456 |
| 35 | 57 |
| 45 | 11 |
| 55 | 3 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

| ZONAL LUMEN SUMMARY | | |
|---------------------|--------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 1124 | 95.5 |
| 0-40 | 1164 | 98.9 |
| 0-60 | 1176 | 99.9 |
| 0-90 | 1177 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1177 | 100 |

| LUMINANCE | |
|-------------------------|----------------------|
| Average Candela Degrees | Average 0° Luminance |
| 45 | 7536 |
| 55 | 2322 |
| 65 | 584 |
| 75 | 0 |
| 85 | 0 |

| NARROW FLOOD | |
|--------------|-----------------|
| Test Number | G2-1811-033-2 |
| Housing | LDA2B108035D010 |
| Module | EU2B10NFL258035 |
| Trim | 2LBD1H |
| Lumens | 1145 |
| Efficacy | 114.5 Lm/W |
| SC | 0.39 |

| CONE OF LIGHT | | | | |
|---------------|-------|-----|-----|--|
| | | | | |
| D | FC | L | W | |
| 4' | 371.4 | 1.4 | 1.4 | |
| 7' | 121.3 | 2.6 | 2.6 | |
| 9' | 73.4 | 3.4 | 3.4 | |
| 13' | 35.2 | 5 | 5 | |
| 16' | 23.2 | 6.2 | 6.2 | |

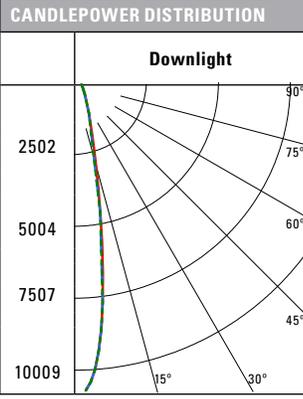
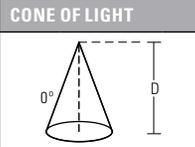
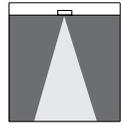
| CANDELA TABLE | |
|------------------|---------|
| Degrees Vertical | Candela |
| 0 | 5943 |
| 5 | 5460 |
| 15 | 1759 |
| 25 | 277 |
| 35 | 43 |
| 45 | 9 |
| 55 | 2 |
| 65 | 0 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

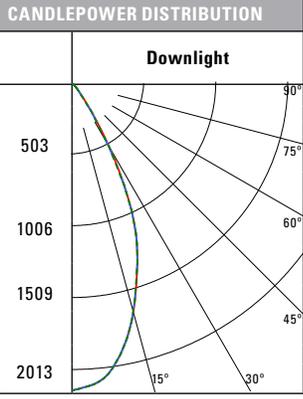
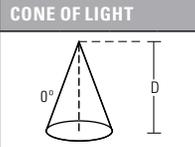
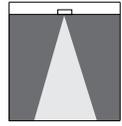
| ZONAL LUMEN SUMMARY | | |
|---------------------|--------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 1104 | 96.4 |
| 0-40 | 1135 | 99.1 |
| 0-60 | 1144 | 99.9 |
| 0-90 | 1145 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1145 | 100 |

| LUMINANCE | |
|-------------------------|----------------------|
| Average Candela Degrees | Average 0° Luminance |
| 45 | 6001 |
| 55 | 1892 |
| 65 | 584 |
| 75 | 0 |
| 85 | 0 |

Photometric Data

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| SPOT | | CANDLEPOWER DISTRIBUTION | | CONE OF LIGHT | | | | CANDELA TABLE | | ZONAL LUMEN SUMMARY | | | LUMINANCE | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|---|-------|---|------|------|----|---------------|-----|---------------------|---|----|-----------|---|---|----|-------|-----|-----|----|-------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|------------------|---------|------|--------|-----------|-------------------------|----------------------|
| Test Number | G2-1811-033-1 |  | |  <table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>4'</td> <td>625.8</td> <td>1</td> <td>1</td> </tr> <tr> <td>7'</td> <td>204.3</td> <td>1.8</td> <td>1.8</td> </tr> <tr> <td>9'</td> <td>123.6</td> <td>2.4</td> <td>2.4</td> </tr> <tr> <td>13'</td> <td>59.2</td> <td>3.6</td> <td>3.6</td> </tr> <tr> <td>16'</td> <td>39.1</td> <td>4.4</td> <td>4.4</td> </tr> </tbody> </table> | | | | D | FC | L | W | 4' | 625.8 | 1 | 1 | 7' | 204.3 | 1.8 | 1.8 | 9' | 123.6 | 2.4 | 2.4 | 13' | 59.2 | 3.6 | 3.6 | 16' | 39.1 | 4.4 | 4.4 | Degrees Vertical | Candela | Zone | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |
| D | FC | | | | | | | L | W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4' | 625.8 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7' | 204.3 | | | | | | | 1.8 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9' | 123.6 | | | | | | | 2.4 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13' | 59.2 | 3.6 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16' | 39.1 | 4.4 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Housing | LDA2B108035D010 | 0 | 10013 | 0-30 | 1061 | 97.1 | 45 | 4117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Module | EU2B10SP158035 | 5 | 7952 | 0-40 | 1085 | 99.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trim | 2LBD1H | 15 | 1157 | 0-60 | 1093 | 99.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumens | 1093 | 25 | 201 | 0-90 | 1093 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Efficacy | 109.3 Lm/W | 35 | 34 | 90-180 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC | 0.28 | 45 | 6 | 0-180 | 1093 | 100 | 85 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | 55 | 2 | 85 | 0 | 90 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 65 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 75 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 85 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 90 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| WIDE FLOOD | | CANDLEPOWER DISTRIBUTION | | CONE OF LIGHT | | | | CANDELA TABLE | | ZONAL LUMEN SUMMARY | | | LUMINANCE | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|--|------|--|------|------|----|---------------|-----|---------------------|---|----|-----------|-----|-----|----|------|-----|-----|----|------|-----|-----|-----|------|-----|-----|-----|-----|------|------|------------------|---------|------|--------|-----------|-------------------------|----------------------|
| Test Number | G2-1811-033-5 |  | |  <table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>4'</td> <td>126</td> <td>2.8</td> <td>2.8</td> </tr> <tr> <td>7'</td> <td>41.2</td> <td>5.2</td> <td>5.2</td> </tr> <tr> <td>9'</td> <td>24.9</td> <td>6.6</td> <td>6.6</td> </tr> <tr> <td>13'</td> <td>11.9</td> <td>9.6</td> <td>9.6</td> </tr> <tr> <td>16'</td> <td>7.9</td> <td>11.8</td> <td>11.8</td> </tr> </tbody> </table> | | | | D | FC | L | W | 4' | 126 | 2.8 | 2.8 | 7' | 41.2 | 5.2 | 5.2 | 9' | 24.9 | 6.6 | 6.6 | 13' | 11.9 | 9.6 | 9.6 | 16' | 7.9 | 11.8 | 11.8 | Degrees Vertical | Candela | Zone | Lumens | % Fixture | Average Candela Degrees | Average 0° Luminance |
| D | FC | | | | | | | L | W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4' | 126 | | | | | | | 2.8 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7' | 41.2 | | | | | | | 5.2 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9' | 24.9 | | | | | | | 6.6 | 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13' | 11.9 | 9.6 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16' | 7.9 | 11.8 | 11.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Housing | LDA2B108035D010 | 0 | 2017 | 0-30 | 1016 | 87.2 | 45 | 15839 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Module | EU2B10WFL558035 | 5 | 1968 | 0-40 | 1140 | 97.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trim | 2LBD1H | 15 | 1549 | 0-60 | 1164 | 99.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumens | 1165 | 25 | 920 | 0-90 | 1165 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Efficacy | 116.5 Lm/W | 35 | 168 | 90-180 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC | 0.74 | 45 | 23 | 0-180 | 1165 | 100 | 85 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | 55 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 65 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 75 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 85 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 90 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Connected Systems

WaveLinx LITE - WLST Tilemount Sensor

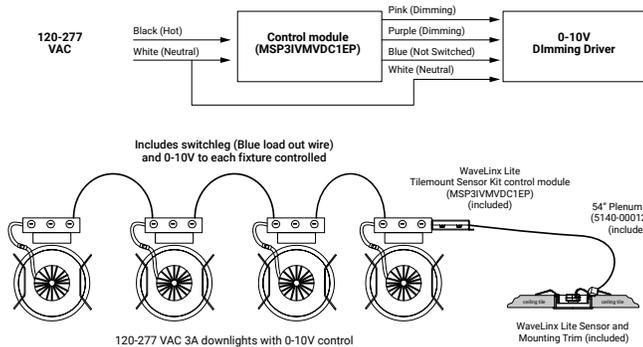
WaveLinx LITE devices only compatible with the WaveLinx LITE system.



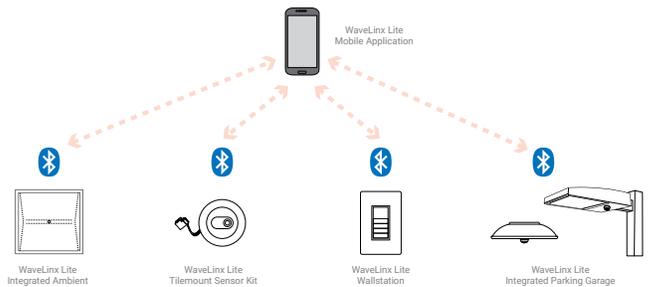
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic 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.



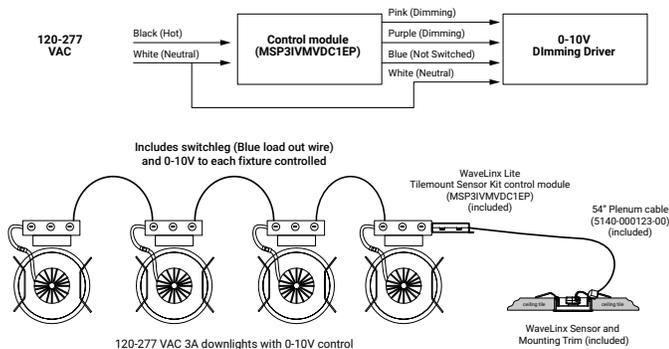
- WaveLinx PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



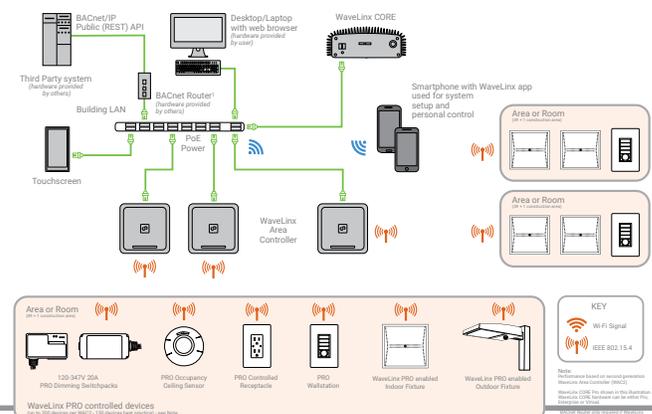
WaveLinx mobile app settings



WaveLinx PRO WPST Tilemount Wiring Diagram



WaveLinx CORE Building Management Integration



Connected Solutions



WaveLinX LITE Wireless Node - WLN

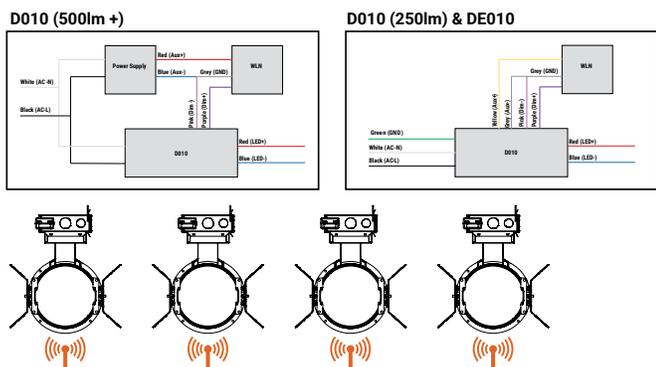
WaveLinX LITE devices only compatible with the WaveLinX LITE system.

- 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

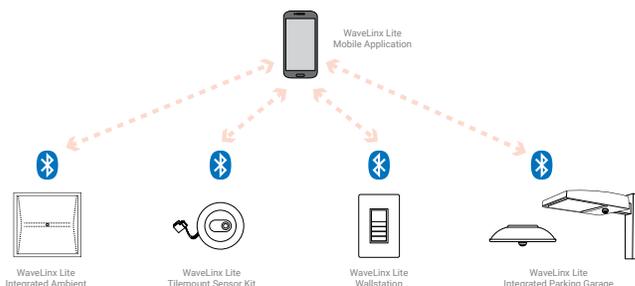


WaveLinX LITE Wireless Node (WLN) Wiring Diagram



120-277 VAC 3A downlights with 0-10V control

WaveLinX LITE Bluetooth Enabled System



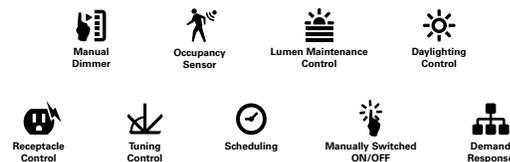
WaveLinX PRO devices only compatible with the WaveLinX PRO system.



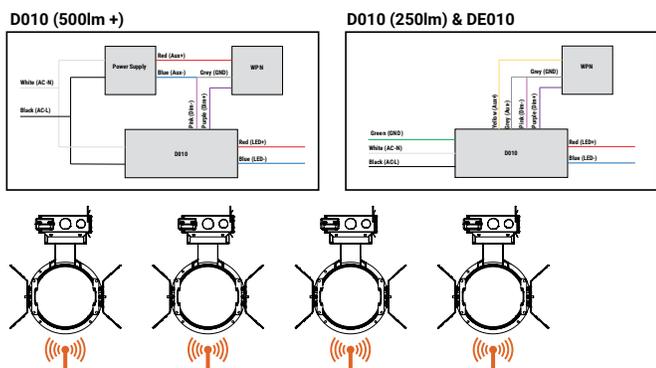
WaveLinX PRO Wireless Node - WPN

- 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



120-277 VAC 3A downlights with 0-10V control

WaveLinX CORE Building Management Integration

