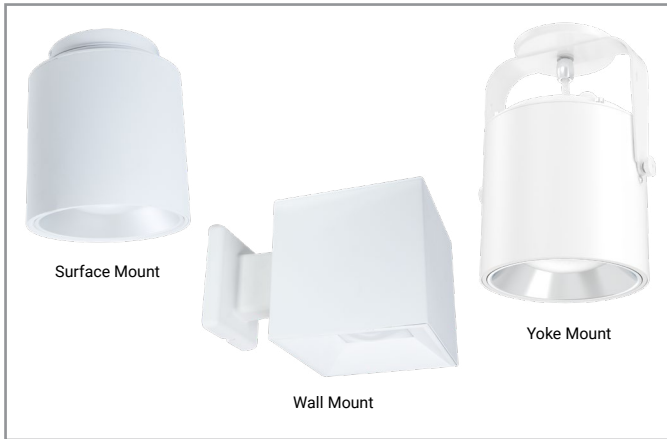| Project		Catalog #		Type	
Prepared by		Notes		Date	

Portfolio

LERS6C/LESQS6C Cylinders Full Spectrum

6" Round and Square Shallow Cylinder
Surface, Ceiling, Wall, Up/Down, Yoke, Stem and Air Craft Cable Mount
98CRI

Typical Applications
Office • Education • Healthcare • Hospitality • Retail • Residential

Surface Mount

Wall Mount

Yoke Mount

Interactive Menu

ENERGY STAR

UL CERTIFIED

Efficiency Standards T24 — Can be used to comply with Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

RoHS COMPLIANT

damp location

wet location

WaveLinx LITE

WaveLinx PRO

powered by fifthlight technology

BAA BUY AMERICAN ACT AVAILABLE — COMPLIANT OPTIONS

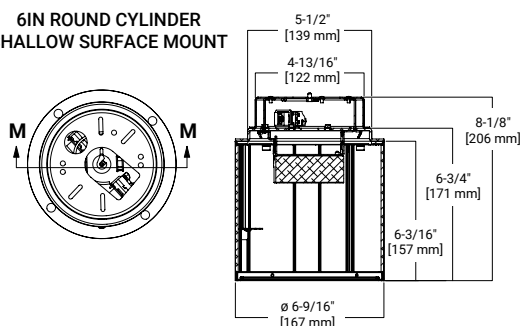TAA TRADE AGREEMENTS ACT AVAILABLE — COMPLIANT OPTIONS

Top Product Features

- 250 to 3000 lumens
- Extruded aluminum housing; Matte Black, White, Bronze and Silver paint finishes
- 5 color temperatures: 2700K, 3000K, 3500K, 4000K and 5000K CCT
- 98 CRI
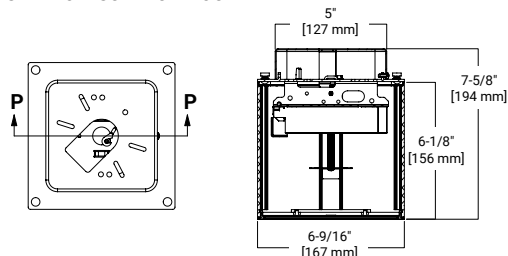- Options to meet Trade Agreements Act requirements

Dimensional and Mounting Details

additional product diagrams

6IN ROUND CYLINDER SHALLOW SURFACE MOUNT

M   M

5-1/2"
[139 mm]
4-13/16"
[122 mm]
8-1/8"
[206 mm]
6-3/4"
[171 mm]
6-3/16"
[157 mm]
ø 6-9/16"
[167 mm]

6IN SQUARE CYLINDER SHALLOW SURFACE MOUNT

P   P

5"
[127 mm]
7-5/8"
[194 mm]
6-1/8"
[156 mm]
6-9/16"
[167 mm]

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

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Order Information

SAMPLE ORDER NUMBER: **LERS6C10FSD010TRP**

Domestic Preferences [30]	Cylinder	Lumens	Color Control	Driver	Remote [8]	Finish [10]
[Blank]=Standard **TAA**= Trade Agreements Act **BAA**=Buy American Act	**Ceiling surface mount** **LERS6C**=6-inch round surface mount **LESQS6C**= 6-inch square surface mount square aperture [1] **LESQRS6C**= 6-inch square surface mount round aperture [2] **Ceiling surface mount Square with conduit canopy** **(for round use Conduit Canopy Kit accessory)** **LESQSMS6C** = 6-inch square surface mount square aperture with surface mount conduit canopy [1] **LESQRSMS6C** = 6-inch square surface mount, round aperture with surface mount conduit canopy [2] **Wall mount Downlight** **LERWMS6C**= 6-inch round wall mount **LESQRWMS6C**= 6-inch square wall mount round aperture [2] **LESQWMS6C**= 6-inch square wall mount square aperture [1] **Wall mount Up/down** [18] **LERUDS6C**= 6-inch round wall mount up/down [4] **LESQUDS6C**= 6-inch square wall mount up/down square aperture [3] **LESQRUDS6C**= 6-inch square wall mount up/down round aperture [4] **Yoke mount** **LERYMS6C** = 6-inch round yoke mount [24] **LESQYMS6C** = 6-inch square yoke mount square aperture [1] [24] **LESQRYMS6C** = 6-inch square yoke mount round aperture [2] [24]	**02**=250 lumens **05**=500 lumens **08**=800 lumens **10**=1000 lumens **15**=1500 lumens **20**=2000 lumens **25**=2500 lumens **30**=3000 lumens	**FS**=Full spectrum (Thrive)	**D010**=0-10V Dimming, 1% to 100%, 120V-277V, up to 2500 lumens (3000 requires remote driver), 500-3000 lumens **3D010**=0-10V Dimming, 1% to 100%, 347V, 800-2500 Lumens (500, 3000 Lumens requires a Remote Driver) **D010TR**=0-10V (120-277V) or line voltage (120V) dimming, 1-100%; up to 2500 lumens (3000 requires remote driver) **DE010**=0-10V Linear Dimming, 0.1% to 100%, 120V-277V, 500-2500 lumens (3000 requires remote driver) **D5LT**=Fifth Light® DALI DT6 Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-2500 lumens (3000 requires remote driver) **DMX**=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-2500 lumens (3000 requires remote driver) [6] **DMXC5**=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, with RJ45 connection, 800-2500 lumens (3000 requires remote driver) [6] **DLE**=Lutron Ecosystem dimming 1% to 100%, 120-277V; 800-2500 Lumens (3000 requires remote driver) **DLV**=Low Voltage System, 800-2000 lumens	**blank**=Integral driver **R**=Remote driver [9]	**P**=White **MB**=Matte Black **SL**=Silver **BZ**=Bronze

SAMPLE ORDER NUMBER: **EC6C10259835**

Domestic Preferences [30]	Power Module	Lumen Levels [15]	CRI	Color
[Blank]=Standard **TAA**= Trade Agreements Act **BAA**=Buy American Act	**EC6C**=6-inch Universal LED Module	**98 CRI THRIVE LED** **0208**=250, 500 and 800 lumens 98 CRI **1025**=1000, 1500, 2000 and 2500 lumens, 98 CRI **3045**=3000 lumens, 98 CRI **Two LEDs for cylinders with two drivers** **30452**=3000 lumens, 98 CRI (For use with remote Lutron 3000 lumens)	**98**=98CRI Minimum	**98 CRI** **27**=2700K **30**=3000K **35**=3500K **40**=4000K **50**=5000K

SAMPLE ORDER NUMBER: **6LBSS3LI**

Domestic Preferences [30]	Trim	Reflector	Finish	
[Blank]=Standard **BAA**= Buy American Act (SS3 spun trim only)	**6LB**=6" LED	**SS3**=Round shallow spun aluminum **SCS3**=Round shallow die cast **SCSSQ3**=Square shallow die cast (for use with LESQUDS, LESQS)	**LI**=Specular Clear[17] **H**=Semi-Specular Clear[17] **WMH**=Warm Haze[17] **WH**=Wheat[17] **GPH**=Graphite Haze[17]	**B**=Specular Black[17] **MW**=Matte White **MB**=Matte Black[19] **MMS**=Matte Metallic Silver[19]

Order Information

REQUIRED if Remote Driver (R) is specified on Cylinder

Domestic Preferences [30]	Remote Drivers [8]	Lumens	Color Control	Voltage	Driver
[Blank]=Standard **TAA**= Trade Agreements Act	**RC100**=Remote 100 ft **RC75**= Remote 75 ft **RC50**= Remote 50 ft **RC25**= Remote 25 ft **RC15**= Remote 15 ft **RC5**= Remote 5 ft **RC2**= Remote 2 ft	**02**=250 lumens **05**=500 lumens [29] **08**=800 lumens **10**=1000 lumens **15**=1500 lumens **20**=2000 lumens **25**=2500 lumens **30**=3000 lumens	**FS**=Full spectrum (Thrive)	**blank**=120-277V (up to 2000 lumens) **1**=120V (2500-3000 lumens) **2**=277V (2500-3000 lumens) **3**=347V [34]	**D010**=0-10V Dimming, 1% to 100%, 120V-277V, 500-3000 lumens **D010TR**=0-10V (120-277V) or line voltage (120V) dimming, 1-100% **DE010**=0-10V Linear Dimming, 0.1% to 100%, 120V-277V, 500-3000 lumens **D5LT**=Fifth Light® DALI DT6 Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-3000 lumens **DMX**=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-3000 lumens [6] **DMXC5**=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, with RJ45 connection, 800-3000 lumens [6] **DLE**=Lutron Ecosystem dimming 1% to 100%, 120-277V; 1 driver: 800 to 2500 Lumens / 2 drivers: 3000 Lumens and above [12] **DLV**=Low Voltage System, 800-2000 lumens [7]

Options [31] [33]	Controls
EMBOD=Bodine® Emergency Module with Remote Test Switch **EMBOD6ST**=Bodine® 6W Self Test Emergency Module with Remote Test Switch **EM7**=7W Emergency Module with Remote Test Switch **EM14**=14W Emergency Module with Remote Test Switch **EMBOD7ST**=Bodine® Self Test Emergency Module **EMV7**=7W Low Voltage Emergency Module with Remote Test Switch [21] **EMV14**=14W Low Voltage Emergency Module with Remote Test Switch [21] **ETRD**=Emergency transfer device [32]	**WPST**=Factory installed Wavelinx (includes control module, sensor, cable, tile mount and ceiling mount sensor) [14] [28] **WLST**=Factory installed WaveLinx Lite Sensor Kit [14] [27] **WPN** = WaveLinx PRO Wireless Node without sensor (use only with canopy mount driver) [14] [22] **WLN** = WaveLinx LITE Wireless Node without sensor [14] [23]

Domestic Preferences [30]	Accessories [35]		Type	Lengths
[Blank]=Standard **TAA**=Trade Agreements Act	**Pendant Kit** [22] [33] **P836P**=White pendant stem kit for suspended mount cylinder **P836BZ**=Bronze pendant stem kit for suspended mount cylinder **P836MB**=Matte black pendant stem kit for suspended mount cylinder **P836SL**=Silver pendant stem kit for suspended mount cylinder		**Blank**=5 conductor for use with 0-10V driver **3C**=3 conductor for use with 120 or 277V **5C**= conductor for use with D5LT drivers **DMX**=No conductors for use with DMX **RM** = for Remote drivers	**Blank**=36" **SP*=*** Specify 6" to 144" in 1" increments
	Conduit Pendant Kit [27] [33] **PMRCC6P** = Round pendant stem kit with conduit knockout cover, white **PMRCC6MB** = Round pendant stem kit with conduit knockout cover, black **PMRCC6BZ** = Round pendant stem kit with conduit knockout cover, bronze **PMRCC6SL** = Round pendant stem kit with conduit knockout cover, silver	**PMSQCC6P** = Square pendant stem kit with conduit knockout cover, white **PMSQCC6MB** = Square pendant stem kit with conduit knockout cover, black **PMSQCC6BZ** = Square pendant stem kit with conduit knockout cover, bronze **PMSQCC6SL** = Square pendant stem kit with conduit knockout cover, silver		**Blank**=36" **SP*=*** Specify 6" to 144" in 1" increments
	Aircraft cable [27] [33] **AC120P**=120″ white aircraft cable kit **AC48P**=48″ white aircraft cable kit **AC120MB**=120″ black aircraft cable kit **AC48MB**=48″ black aircraft cable kit		**Blank**=5 conductor **DMXC5**=DMX/RDM logarithmic Dimming with RJ45 connection	
	LNE6RUD=up/down gasketed lens, wet location, round **LNE6SQUD**=up/down gasketed lens, wet location, square	**Conduit Kit** [27] **SMRCC6P** = Conduit canopy for surface mount round, white **SMRCC6MB** = Conduit canopy for surface mount round, black **SMRCC6BZ** = Conduit canopy for surface mount round, bronze **SMRCC6SL** = Conduit canopy for surface mount round, silver		

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. 800-3000 lumens for integral driver. 250-3000 lumens for remote driver.

(6) DMX fixtures default to full on upon loss of DMX signal

(8) Up down surface mount require 2 driver assemblies with remote driver

(9) Order remote driver separately. See below to order.

(10) Consult factory for custom finishes.

(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. 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) Lumen specified for up/down is the same for both directions. Ex. 800 lumens will be 800 lumens up & 800 lumens down.

(19) Available only on CS distributions

(20) 0-45° slope.

(21) ULus listed only

(22) 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.

(23) 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.

(24) Ceiling mount only

(25) Canopy mount driver available for all drivers except DMX, omit R in ordering information

(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 wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only

(29) Limited to D010 drivers

(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

33. Order with ceiling mount cylinder.

(34) D010 800 to 2500 lumens (250, 500, and 3000 lumens use step down transformer) All other drivers use step down transformer.

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

Trim retention
- Two torsion springs hold flange tightly to the cylinder lip

Cylinder
- Shallow 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

High CRI
- 98 CRI: L70 55,000 hours
- **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
- Pendant mount cULus Listed for damp locations
- Ceiling mount cULus Listed for wet locations and IP66 compliant in covered ceiling
- Wall mount cULus Listed for wet locations and IP66 compliant, requires lens accessory for up/down wall mount
- 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

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

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	
Input Voltage 120-277VAC	120V	277V	120V	277V
Input Current (A)	0.276	0.121	0.276	0.121
Input Power (W)	32.98	32.57	32	32.57
In-rush (A)	2.5	11.8	3.6	11.8
Inrush duration (µs)	215	111	220	111
THDi (%)	9.86	6.57	5.57	6.57
PF	≥ 0.99	≥ 0.97	≥ 0.99	≥ 0.99

Minimum starting temperature -30°C (-22°F)*   (Nominal input 120-277VAC & 100% of rated output power)
Sound Rating: Class A standards

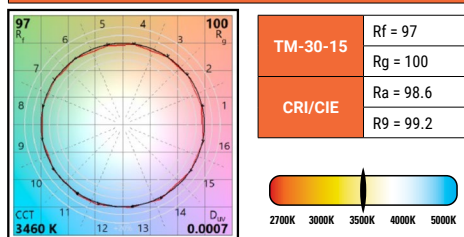**Notes:**
Emergency Battery packs are rated for a minimum starting temperature of 0°C.

COLOR METRICS - TM-30-15 & CRI/CIE

98 CRI Color Metric Summary - 3500K*
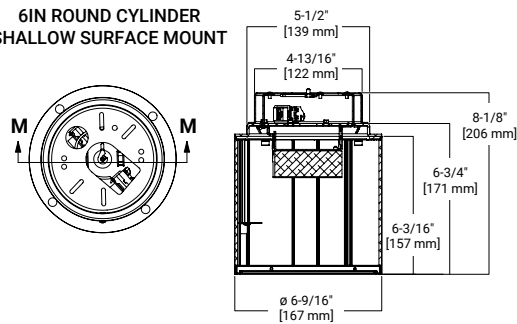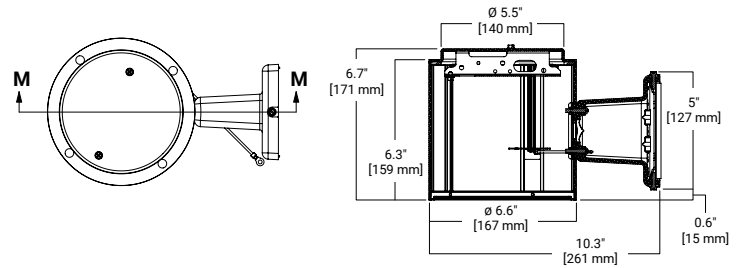
TM-30-15	Rf = 97
	Rg = 100
CRI/CIE	Ra = 98.6
	R9 = 99.2

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

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Dimensional and Mounting Details

**6IN ROUND CYLINDER
SHALLOW SURFACE MOUNT**

5-1/2"
[139 mm]

4-13/16"
[122 mm]

8-1/8"
[206 mm]

6-3/4"
[171 mm]

6-3/16"
[157 mm]

ø 6-9/16"
[167 mm]

**6IN ROUND CYLINDER
SHALLOW WALL MOUNT**

Ø 5.5"
[140 mm]

6.7"
[171 mm]

6.3"
[159 mm]

ø 6.6"
[167 mm]

10.3"
[261 mm]

5"
[127 mm]

0.6"
[15 mm]

**6IN ROUND CYLINDER
SHALLOW UP DOWN**

5"
[127 mm]

3-1/16"
[78 mm]

11-3/16"
[284 mm]

ø 6-9/16"
[167 mm]

10-5/16"
[263 mm]

**6IN SQUARE CYLINDER
SHALLOW SURFACE MOUNT**

5"
[127 mm]

7-5/8"
[194 mm]

6-1/8"
[156 mm]

6-9/16"
[167 mm]

**6IN SQUARE CYLINDER
SHALLOW WALL MOUNT**

6.6"
[167 mm]

6.3"
[159 mm]

10"
[262 mm]

5"
[127 mm]

1.3"
[33 mm]

**6IN SQUARE CYLINDER
SHALLOW UP DOWN**

5"
[127 mm]

3-1/16"
[78 mm]

11-3/16"
[284 mm]

6-9/16"
[167 mm]

10-5/16"
[262 mm]

Dimensional and Mounting Details

**6IN ROUND CYLINDER
SHALLOW YOKE MOUNT**

SECTION E-E
SCALE 1 : 1

**6IN SQUARE CYLINDER
SHALLOW YOKE MOUNT**

SECTION A-A
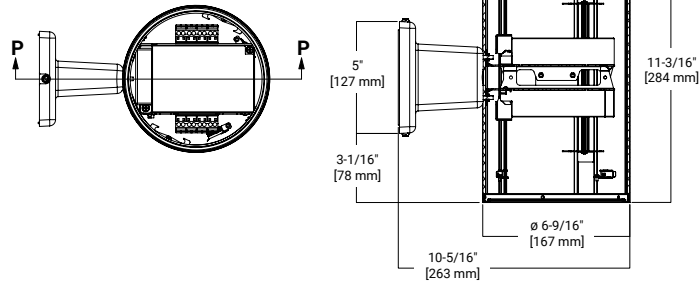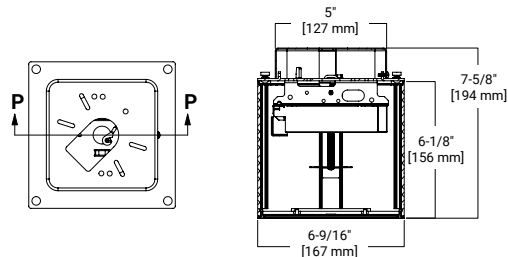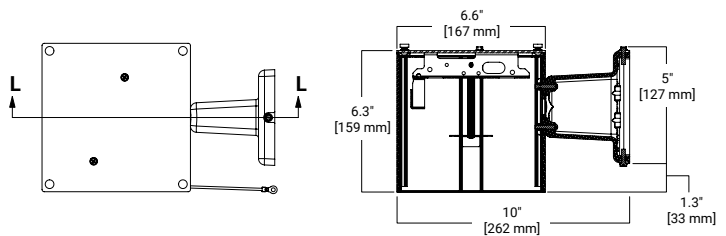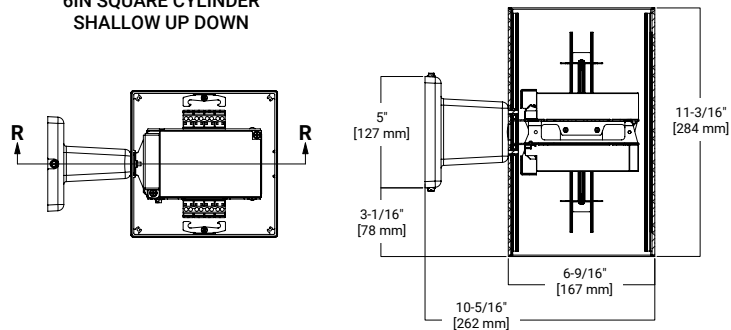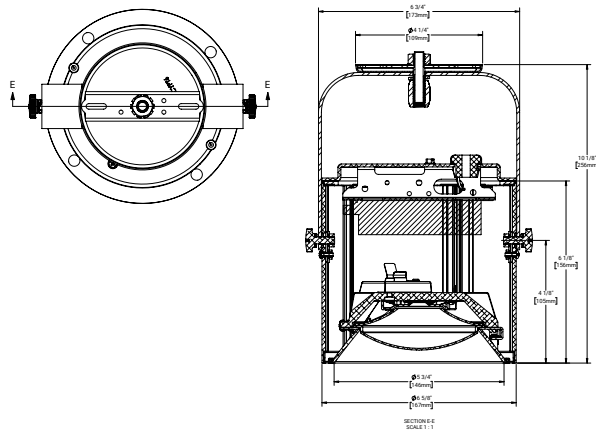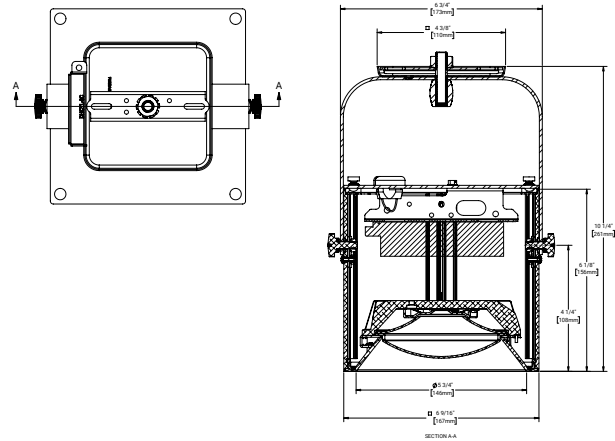
Connected Systems

WaveLinx LITE - WLST Tilemount Sensor

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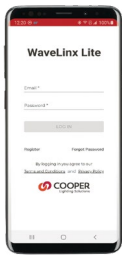
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic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

Network Security | Manual Dimmer | Occupancy Sensor | Daylighting Control | Manually Switched ON/OFF | Tuning Control | Lumen Maintenance Control | Scenes
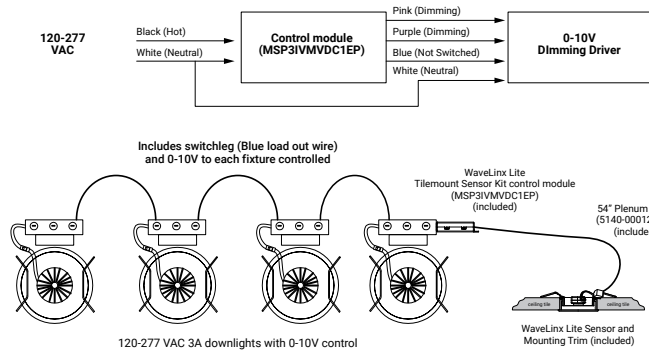
WaveLinx LITE WLST Tilemount Wiring Diagram

120-277 VAC
Black (Hot)
White (Neutral)
Control module (MSP3IVMVDC1EP)
Pink (Dimming)
Purple (Dimming)
Blue (Not Switched)
White (Neutral)
0-10V DImming Driver

Includes switchleg (Blue load out wire) and 0-10V to each fixture controlled

WaveLinx Lite Tilemount Sensor Kit control module (MSP3IVMVDC1EP) (included)

54" Plenum cable (5140-000123-00) (included)

WaveLinx Lite Sensor and Mounting Trim (included)

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

WaveLinx LITE Bluetooth Enabled System

MyApps Secure Portal
Site Initiation, Data Backup & Site Transfer

WaveLinx LITE Mobile Application

WaveLinx LITE Ambient | WaveLinx LITE Integrated Ambient | WaveLinx LITE Tilemount Sensor Kit | WaveLinx LITE Wallstation | WaveLinx LITE Integrated Industrial | WaveLinx LITE Integrated Parking Garage

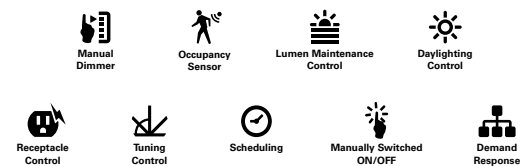### WaveLinx PRO Wireless – WPST Tilemount Sensor

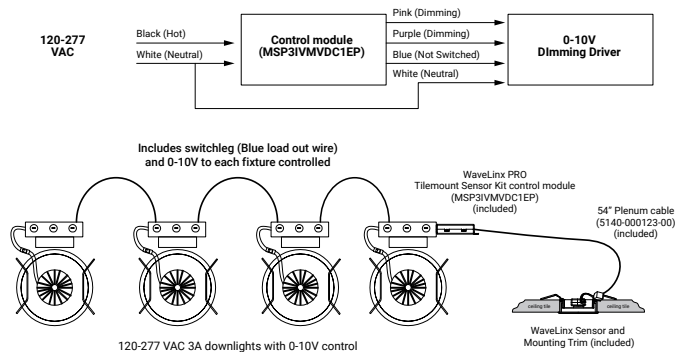**WaveLinx PRO devices only compatible with the WaveLinx PRO system.**

- 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
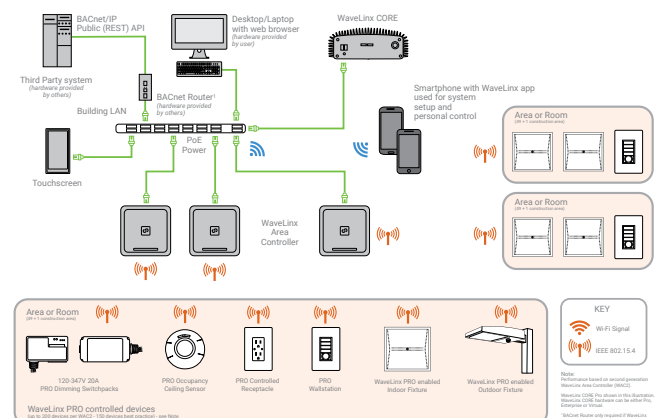- Stand-Alone Offices or Entire Building Network Installations

Downlights with tilemount sensor wireless communication
Highly efficient LED fixtures

+

WaveLinx Area Controller
Provides centralized coordination of multiple area control options

+

Wireless Wall Station/Receptacle
Provides customized wireless control of each area

+

Mobile Applications
Provides personalized, local control from a tablet or smartphone

WaveLinx mobile app settings

Manual Dimmer | Occupancy Sensor | Lumen Maintenance Control | Daylighting Control

Receptacle Control | Tuning Control | Scheduling | Manually Switched ON/OFF | Demand Response

WaveLinx PRO WPST Tilemount Wiring Diagram

120-277 VAC
Black (Hot)
White (Neutral)
Control module (MSP3IVMVDC1EP)
Pink (Dimming)
Purple (Dimming)
Blue (Not Switched)
White (Neutral)
0-10V DImming Driver

Includes switchleg (Blue load out wire) and 0-10V to each fixture controlled

WaveLinx PRO Tilemount Sensor Kit control module (MSP3IVMVDC1EP) (included)

54" Plenum cable (5140-000123-00) (included)

WaveLinx Sensor and Mounting Trim (included)

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

WaveLinx CORE Building Management Integration

BACnet/IP Public (REST) API
Desktop/Laptop with web browser (hardware provided by user)
WaveLinx CORE

Third Party system (hardware provided by others)

Building LAN
BACnet Router¹ (hardware provided by others)

Touchscreen

PoE Power

Smartphone with WaveLinx app used for system setup and personal control

WaveLinx Area Controller

Area or Room
Area or Room

Area or Room
PRO Dimming Switchpacks | PRO Occupancy Ceiling Sensor | PRO Controlled Receptacle | PRO Wallstation | WaveLinx PRO enabled Indoor Fixture | WaveLinx PRO enabled Outdoor Fixture

120-347V 20A

WaveLinx PRO controlled devices (up to 200 devices per WAC2 - 150 devices best practice) - see below

KEY
Wi-Fi Signal
IEEE 802.15.4

Connected Solutions
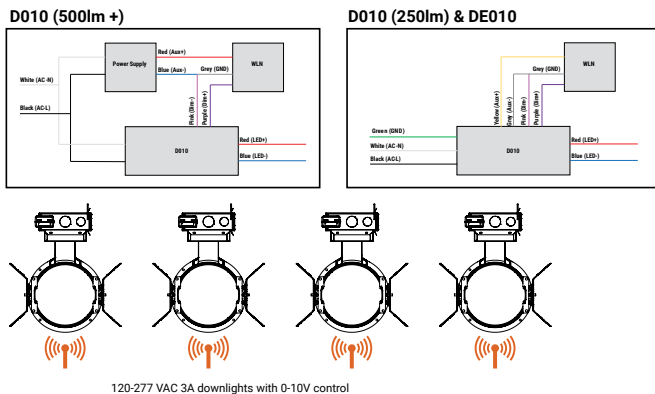
WaveLinx LITE Wireless Node - WLN

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: Network Security, Manual Dimmer, Occupancy Sensor, Daylighting Control, Manually Switched ON/OFF, Tuning Control, Lumen Maintenance Control, Scenes

WaveLinx LITE Wireless Node (WLN) Wiring Diagram

D010 (500lm +) / **D010 (250lm) & DE010**

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

WaveLinx LITE Bluetooth Enabled System
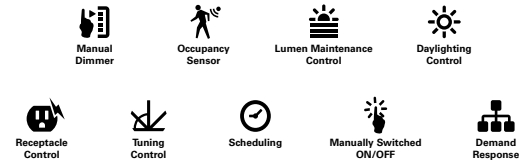

WaveLinx PRO Wireless Node - WPN

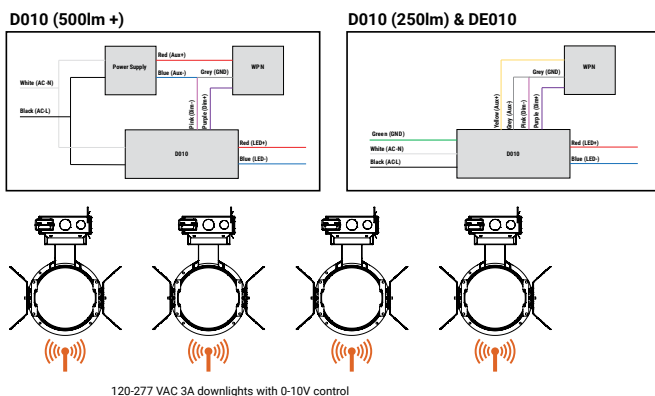**WaveLinx PRO devices only compatible with the WaveLinx PRO system.**

- 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

Downlights with wireless communication + **WaveLinx Area Controller** + **Wireless Wall Station/Receptacle** + **Mobile Applications**

WaveLinx mobile app settings: Manual Dimmer, Occupancy Sensor, Lumen Maintenance Control, Daylighting Control, Receptacle Control, Tuning Control, Scheduling, Manually Switched ON/OFF, Demand Response

WaveLinx PRO Wireless Node (WPN) Wiring Diagram

D010 (500lm +) / **D010 (250lm) & DE010**

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

WaveLinx CORE Building Management Integration