Project		Catalog #		Type	
Prepared by		**Notes**		**Date**	

Surface Mount   Wall Mount   Yoke Mount   Wall Mount Up/Down

Portfolio

LSR2B/LSSQ2B Cylinders

LSR2B/LSSQ2B/LSRYM2B/LSSQYM2B
LED 2" Round and Square Cylinder

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

Interactive Menu

Product Certification

ENERGY STAR

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

RoHS COMPLIANT

UL CERTIFIED

wet location

Control Compatibility

WaveLinx LITE   WaveLinx PRO

Product Features

D2W™   VividTune color tuning solutions

powered by fifthlight technology   damp location

TAA — COMPLIANT OPTIONS / TRADE AGREEMENTS ACT AVAILABLE
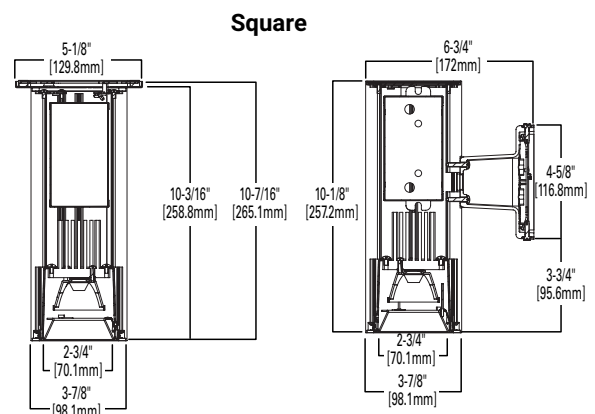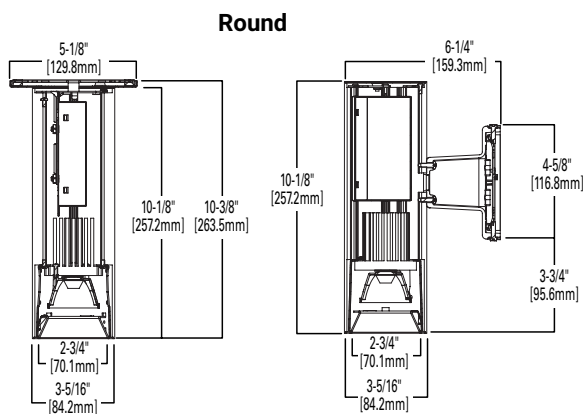
Top Product Features

- 500 to 2000 lumens; Offered in 80, 90 and 97 CRI; Downlight
- Round or square surface-mount cylinders;
  Ceiling, wall, stem, up/down, yoke mount adjustable, LuxWire power over cable
- Extruded aluminum housing; Matte Black, White, Bronze and Silver paint finishes
- 6 color temperatures: 2400K, 2700K, 3000K, 3500K, 4000K and 5000K CCT; D2W™ option from 3000K to 1850K
- W2N Tunable White 2700K-6500K or 2000K-5000K (remote only)
- Options to meet Trade Agreements Act requirements

Dimensional and Mounting Details

Round

5-1/8" [129.8mm]
6-1/4" [159.3mm]
10-1/8" [257.2mm]   10-3/8" [263.5mm]
10-1/8" [257.2mm]
4-5/8" [116.8mm]
3-3/4" [95.6mm]
2-3/4" [70.1mm]
3-5/16" [84.2mm]
2-3/4" [70.1mm]
3-5/16" [84.2mm]

Square

5-1/8" [129.8mm]
6-3/4" [172mm]
10-3/16" [258.8mm]   10-7/16" [265.1mm]   10-1/8" [257.2mm]
4-5/8" [116.8mm]
3-3/4" [95.6mm]
2-3/4" [70.1mm]
3-7/8" [98.1mm]
2-3/4" [70.1mm]
3-7/8" [98.1mm]

additional product diagrams

COOPER Lighting Solutions

Order Information

SAMPLE ORDER NUMBER: **LSR2B10D010P**

Domestic Preferences [22]	Cylinder	Lumens	Distribution	CRI	Color		
[Blank]=Standard **TAA**=Trade Agreements Act	**Ceiling Surface Mount** **LSR2B**=2-inch round surface ceiling mount [17] **LSRM2B**=2-inch round surface mount with conduit canopy **LSSQ2B**=2-inch square surface ceiling mount [17] **LSSQM2B**=2-inch square surface mount with conduit canopy **LSSQPC2B**=2-inch square surface ceiling mount LuxWire aircraft cable with power 120" [15] **LSRPC2B**=2-inch round surface ceiling mount LuxWire aircraft cable with power 120" [15] **Wall Mount** **LSRWM2B**=2-inch round wall mount **LSRUD2B**=2-inch round wall mount up/down [1] **LSSQWM2B**=2-inch square wall mount **LSSQUD2B**=2-inch square wall mount up/down [1] **Yoke Mount** **LSRYM2B**=2-inch round yoke mount [18] **LSSQYM2B**=2-inch square yoke mount [18]	**05**=500 lumens [21] **10**=1000 lumens **15**=1500 lumens **20**=2000 lumens	**SP15**=15° **NFL25**=25° **FL40**=40° **WFL55**=55°	**80**=80 CRI minimum **90**=90 CRI minimum **97**=97 CRI minimum	**80 CRI** **27**=2700K **30**=3000K **35**=3500K **40**=4000K **50**=5000K **Dim to Warm (1000 & 1500 lumens only)** **9030D2W**=1800-3000K Dim to Warm, 90 CRI **Tunable White (1000 lumens only)** **(select DE010 or D5LT driver)** **W2N902765**=0% to 100%, 120-277V, 2700K-6500K **W2N902050**=0% to 100%, 120-277V, 2000K-5000K	**90 CRI** **24**=2400K **27**=2700K **30**=3000K **35**=3500K **40**=4000K **50**=5000K	**97 CRI** **27**=2700K **30**=3000K

Driver		Finish [4]
D010=120-277V 0-10 1% driver **D010TR**=0-10V 120-277 or line voltage 120V dimming, 5-100% **D010R**=Remote 347V 0-10V 1% dimming **3D010R**=Remote 347V 0-10V 1% dimming **D010TRR**=Remote 0-10V (120-277V) or line voltage (120V) dimming, 5-100% **DE010R**=Remote 120-277V 0-10V 0% linear dimming	**D5LTR**=Remote Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V **DMXR**=Remote DMX/RDM logarithmic dimming [3] **DMXC5R**=Remote DMX/RDM logarithmic dimming with RJ45 connection **DL2R**=Remote 1 to 100% dimming, 120V Lutron Hi-Lume forward phase dimming **DLER**=Remote Lutron Ecosystem dimming 1% to 100%, 120-277V	**P**=White **MB**=Matte Black **SL**=Silver **BZ**=Bronze

SAMPLE ORDER NUMBER: **2LBSW3LI**

Trim	Reflector	Flange	Finish	
2LB=2" trim	**D**=Spun aluminum **DL**=Lensed spun aluminum **DC**=Die cast aluminum [9] **DLC**=Lensed die cast aluminum [9]	**3**=Rimless [10]	**LI**=Specular Clear [11] **H**=Semi-Specular Clear [11] **WMH**=Warm Haze [11] **WH**=Wheat [11] **WHH**=Wheat Haze [11]	**GPH**=Graphite Haze [11] **B**=Specular Black [11] **MW**=Matte White **MB**=Matte Black [12] **MMS**=Matte Metallic Silver [12]

REQUIRED if Remote Driver (R) is specified on Cylinder

Domestic Preferences [22]	Remote Drivers [5]	Lumens	Voltage	Driver	Options	Controls
[Blank]=Standard **TAA**=Trade Agreements Act	**R100**=Remote 100 ft **R75**=Remote 75ft **R50**=Remote 50 ft **R25**=Remote 25ft **R15**=Remote 15ft **R5**=Remote 5ft **R2**=Remote 2 ft	**05**=500 lumens [21] **10**=1000 lumens **15**=1500 lumens **20**=2000 lumens	**blank**=120-277V **3**=347V	**D010**=120-277V 0-10V 1% dimming **D010TR**=0-10V (120-277V) or line voltage (120V) dimming, 5-100% **DE010**=0-10V Linear Dimming, 0% to 100%, 120V-277V **D5LT**=Fifth Light® DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V **DMX**=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V [6] **DMXC5**=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection **DL2**=1 to 100% dimming, 120V Lutron Hi-Lume forward phase dimming [7] **DLE**=Lutron Ecosystem dimming 1% to 100%, 120-277V [7] **DLV**=Low Voltage System **Tunable White 1000-2000 lumens** **DE010W2N2765**=0-10V dimming, 0% to 100%, 120-277V, 2700K-6500K **DE010W2N2050**=0-10V dimming, 0% to 100%, 120-277V, 2000K-5000K **D5LTW2N276**=Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V, 2700K-6500K **D5LTW2N2050**=Fifth Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V, 2000K-5000K	**EM7**=7W Emergency Module with Remote Test Switch **EM14**=14W Emergency Module with Remote Test Switch **EMBOD**=Bodine® Emergency Module with Remote Test Switch **EMV7**=7W Emergency Module for use with DLV driver with Remote Test Switch **EMV14**=14W Emergency Module for use with DLV driver with Remote Test Switch	**WPST**=Factory installed WaveLinx PRO Sensor Kit [8] [19] **WLST**=Factory installed WaveLinx LITE Sensor Kit [8] [20] **WPN**=WaveLinx PRO Wireless Node without sensor [23] **WLN**=WaveLinx LITE Wireless Node without sensor [24]

Order Information

Domestic Preferences [22]	Accessories [22]	Finish [4]	Type	Lengths
[Blank]=Standard **TAA**=Trade Agreements Act	**Pendant or Canopy Kit REQUIRED for Surface Ceiling Mount** **Pendant Kit for round cylinder** [13] **P236**=Pendant stem kit for round suspended mount cylinder **Pendant Kit for square cylinder** [13] **PSQ236**=Pendant stem kit for square suspended mount cylinder **Conduit Pendant Kit** [13] **PMRCC2**=Round conduit stem kit with conduit knockout cover	**P**=White **MB**=Matte Black **SL**=Silver **BZ**=Bronze	**Blank**=for integral drivers (D010 & D010TR) **RM**=For remote drivers	**Blank**=36" **SP***=* Specify 6" to 144" in 1" increments

OR

Accessories [22]		Finish [4]
Surface Ceiling Mount Canopy **2SQPSML**=Low profile canopy for square surface mount 2-inch junction box **2RCPSML**=Low profile canopy for round surface mount 2-inch junction box **2SQPSTAN**=Low profile canopy for square surface mount standard junction box **2RCPSTAN**=Low profile canopy for round surface mount standard junction box		**P**=White **MB**=Matte Black **SL**=Silver **BZ**=Bronze

Notes

1. Requires 2 reflectors and light engines.

3. DMX fixtures default to full on upon loss of DMX signal.

4. Consult factory for custom finishes.

5. Up down surface mount require 2 driver assemblies.

6. DMX fixtures default to full on upon loss of DMX signal.

7. Only available up to 25'.

8. Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory.

9. Available with Matte White, Matte metallic silver and Matte Black Finishes.

10. Available on D, DL, DLC and DC.

11. Not available on Pinhole or DC distributions.

12. Available only on DC.

13. 0-45° slope.

15. Canopy mount driver available omit R in driver ordering information, not offered with DMX.

17. Requires canopy or pendant kit, see Accessory section for ordering information.

18. Ceiling mount only.

19. WPST=WaveLinx PRO wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.

20. WLST=WaveLinx LITE tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only. (Refer to WaveLinx Lite system specifications.)

21. Limited to D010 drivers.

22. 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.

Trim must be ordered with cylinder for TAA compliance.
Example: TAALSR2B10D010P-2LB

23. 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.

24. 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.

Product Specifications

Lower Reflector
- Round or square 2-3/4" aperture
- Painted die-cast aluminum or spun aluminum with a lensed upper optical chamber provides superior lumen output with minimal source brightness
- Square surface mount available with round reflectors
- Available in all Portfolio finishes

Trim retention
- Three pressure springs hold flange tightly to the cylinder lip

Cylinder
- Round and soft square extruded aluminum
- Matte white, bronze, silver or matte black
- 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
- LuxWire™ provides low voltage power to the cylinder via 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 high reflectance upper reflector and convex transitional lens producing 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)
- Color variation within 2-step MacAdam ellipses
- Available in 2400K, 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)
- Available in 80, 90 or 97 color rendering index (CRI)

VividTune™ Color Tuning Solutions
- D2W™ – Dim-to-Warm shifts CCT from 3000K to 1850K as fixture dims, mimicking halogen sources
- W2N – Tunable white CCT range from 2700K to 6500K or 2000K to 5000K; 90 CRI

Driver
- Standard 120-277V 0-10V dimming driver provides flicker-free dimming from 100% to 1%
- Distributed low voltage power system combines power, lighting, and controls with ease of installation.

Remote 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

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 protected wet locations with lensed trims with covered ceiling
- Wall mount cULus Listed for wet locations
- 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

Energy Data

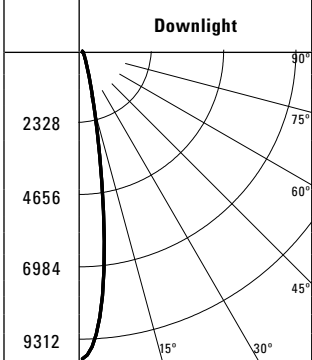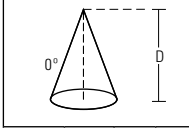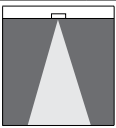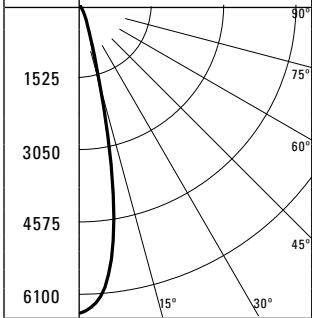| ENERGY DATA |
|---|
| Sound Rating: Class A standards |
| (Values at non-dimming line voltage) |
| Minimum Starting Temperature: -30°C (-22°F) |
| EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer) |
| Input Voltage: UNV (120V - 277V) |
| Power Factor: >0.90 (at nominal input 120-277 VAC & 100% of Rated Output Power) |
| Input Frequency: 50/60Hz |
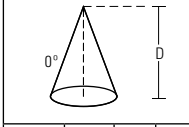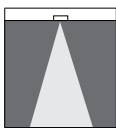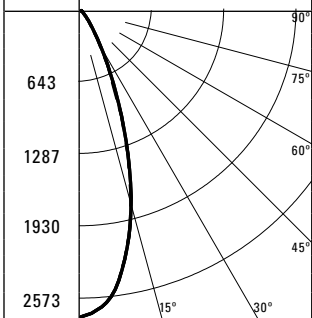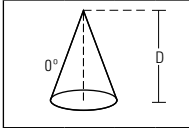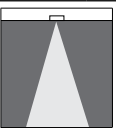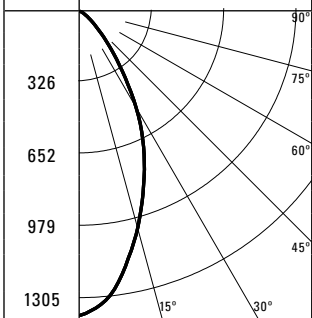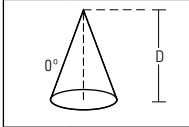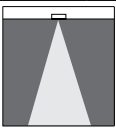
Lumens	120V		277V	
	Inrush (A)	Duration (ms)	Inrush (A)	Duration (ms)
500 Lumen D010	0.64	0.05	1.4	0.04
1000 Lumen D010	1.02	0.041	2.18	0.021
1500 Lumen D010	1.02	1.02	2.24	0.064
2000 Lumen D010	1.02	0.077	2.43	0.027

500 Lumen D010	
Input Power: 7.38W	THD <14.4%
Input Current: 0.06A	277V Input Current: 0.03A

1000 Lumen D010	
Input Power: 11W	THD <13.8%
Input Current: 0.086A	277V Input Current: 0.042A

1500 Lumen D010	
Input Power: 15.05 W	THD <13.0%
Input Current:0.13A	277V Input Current:0.06A

2000 Lumen D010	
Input Power: 21.2 W	THD <8.6%
Input Current:0.18A	277V Input Current:0.081A

Photometric Data

View IES files

SPOT (15° BEAM)

Test Number	P264029
Housing	LSR2B10SP158035
Trim	2LBD*LI
Lumens	974
Efficacy	94.6 Lm/W
SC	0.28

CANDLEPOWER DISTRIBUTION

Downlight

2328 / 4656 / 6984 / 9312

90° / 75° / 60° / 45° / 15° / 30°

CONE OF LIGHT

Downlight — 0°

D	FC	L	W
4'	582.2	1	1
7'	190.1	1.8	1.8
9'	115	2.4	2.4
13'	55.1	3.6	3.6
16'	36.4	4.4	4.4

CANDELA TABLE

Degrees Vertical	Candela
0	9316
5	7438
15	976
25	141
35	30
45	7
55	2
65	1
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	945	97
0-40	965	99.1
0-60	973	99.9
0-90	974	100
90-180	0	0
0-180	974	100

LUMINANCE

Average Candela Degrees	Average 0° Luminance
45	4884
55	1720
65	1167
75	0
85	0

FLOOD (25° BEAM)

Test Number	P218711
Housing	LSR2B10NFL258035
Trim	2LBD*LI
Lumens	1026
Efficacy	99.6 Lm/W
SC	0.39

CANDLEPOWER DISTRIBUTION

Downlight

1525 / 3050 / 4575 / 6100

90° / 75° / 60° / 45° / 15° / 30°

CONE OF LIGHT

Downlight — 0°

D	FC	L	W
4'	382	1.4	1.4
7'	125	2.6	2.6
9'	75	3.4	3.4
13'	36	5	5
16'	24	6	6

CANDELA TABLE

Degrees Vertical	Candela
0	6104
5	5611
15	1236
25	229
35	51
45	7
55	1
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	987	96.2
0-40	1019	99.3
0-60	1026	100
0-90	1026	100
90-180	0	0
0-180	1026	100

LUMINANCE

Average Candela Degrees	Average 0° Luminance
45	3836
55	676
65	0
75	0
85	0

FLOOD (40° BEAM)

Test Number	P218754
Housing	LSR2B10FL408035
Trim	2LBD*LI
Lumens	1041
Efficacy	101 Lm/W
SC	0.59

CANDLEPOWER DISTRIBUTION

Downlight

643 / 1287 / 1930 / 2573

90° / 75° / 60° / 45° / 15° / 30°

CONE OF LIGHT

Downlight — 0°

D	FC	L	W
4'	161	2.2	2.2
7'	53	4	4
9'	32	5.2	5.2
13'	15	7.6	7.6
16'	10	9.4	9.4

CANDELA TABLE

Degrees Vertical	Candela
0	2577
5	2467
15	1626
25	581
35	120
45	19
55	4
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	938	90.2
0-40	1020	98.0
0-60	1040	99.9
0-90	1041	100
90-180	0	0
0-180	1041	100

LUMINANCE

Average Candela Degrees	Average 0° Luminance
45	10412
55	2702
65	0
75	0
85	0

WIDE FLOOD (55° BEAM)

Test Number	P218801
Housing	LSR2B10WFL558035
Trim	2LBD*LI
Lumens	985
Efficacy	95.6 Lm/W
SC	0.73

CANDLEPOWER DISTRIBUTION

Downlight

326 / 652 / 979 / 1305

90° / 75° / 60° / 45° / 15° / 30°

CONE OF LIGHT

Downlight — 0°

D	FC	L	W
4'	82	2.8	2.8
7'	27	5	5
9'	16	6.6	6.6
13'	8	9.4	9.4
16'	5	11.6	11.6

CANDELA TABLE

Degrees Vertical	Candela
0	1309
5	1250
15	959
25	644
35	313
45	105
55	28
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	674	68.5
0-40	873	88.7
0-60	984	99.9
0-90	985	100
90-180	0	0
0-180	985	100

LUMINANCE

Average Candela Degrees	Average 0° Luminance
45	57541
55	18916
65	0
75	0
85	0

COOPER Lighting Solutions

Dimensional and Mounting Details

Round

Square

2IN ROUND CYLINDER STANDARD YOKE MOUNT
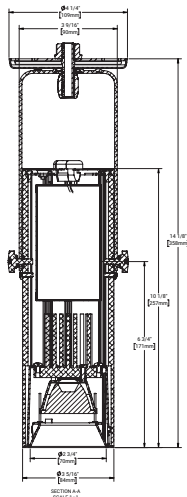
2IN ROUND CYLINDER CONDUIT CANOPY

2IN ROUND CYLINDER POWER CORD PENDANT
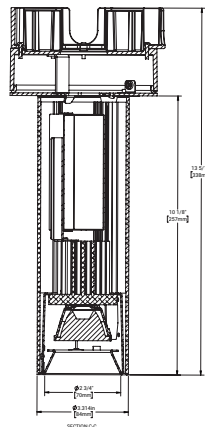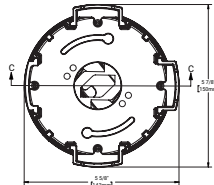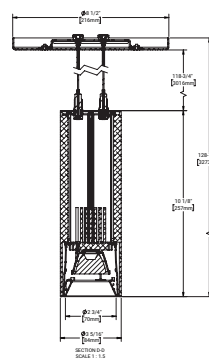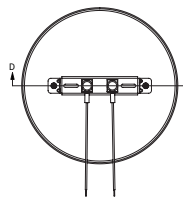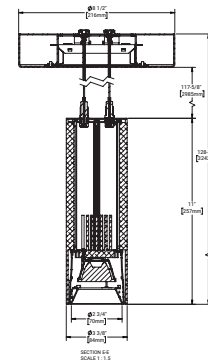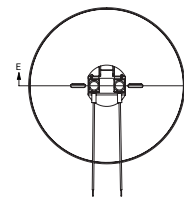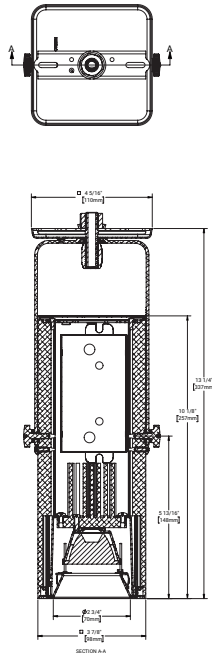

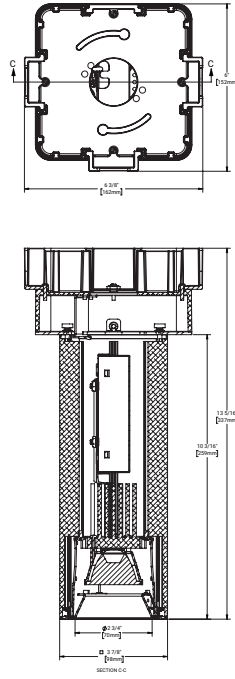**2IN ROUND CYLINDER POWER CORD PENDANT DRIVER**
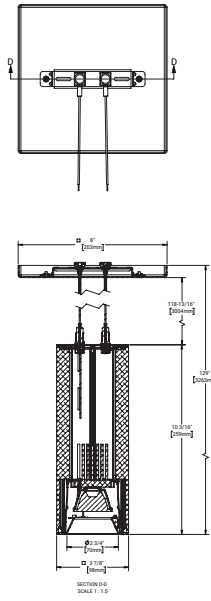
Dimensional and Mounting Details

**2IN SQUARE CYLINDER
STANDARD YOKE MOUNT**

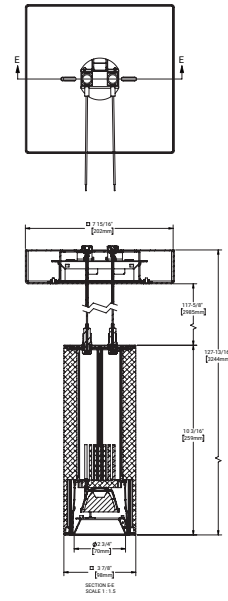**2IN SQUARE CYLINDER
CONDUIT CANOPY**
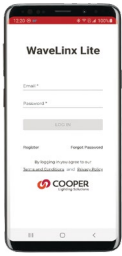
**2IN SQUARE CYLINDER
POWER CORD PENDANT**

**2IN SQUARE CYLINDER
POWER CORD PENDANT DRIVER**

COOPER
Lighting Solutions

Connected Solutions
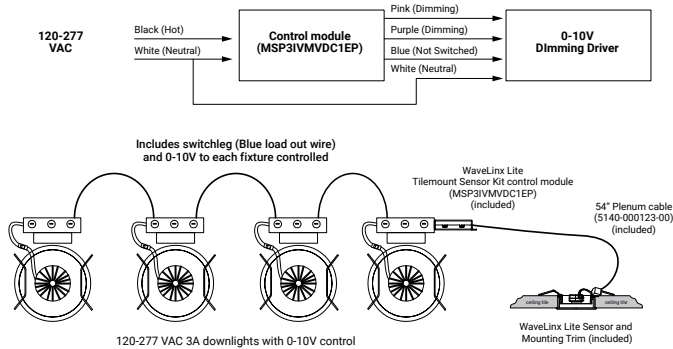
WaveLinx LITE - WLST Tilemount Sensor

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

Device 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)

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

WaveLinx Lite Sensor and Mounting Trim (included)

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

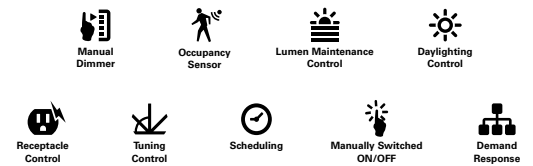### WaveLinx PRO Wireless – WPST Tilemount Sensor

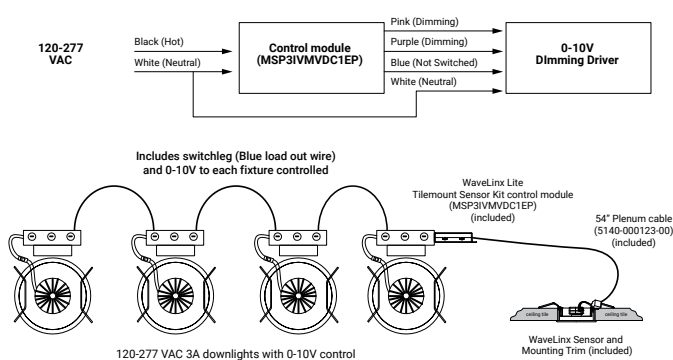**WaveLinx PRO devices only compatible with the WaveLinx PRO system.**

- 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
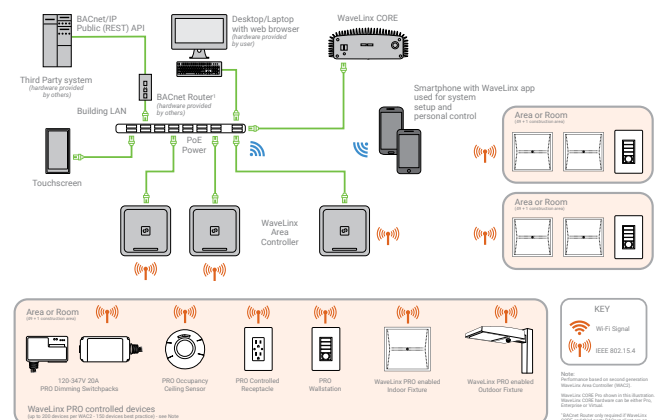- Stand-Alone Offices or Entire Building Network Installations

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

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

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

WaveLinx Sensor and Mounting Trim (included)

WaveLinx CORE Building Management Integration

Connected Solutions
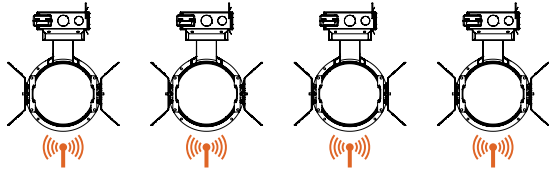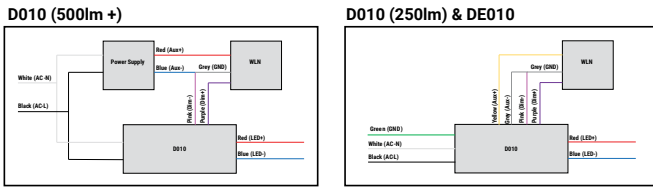

WaveLinx LITE Wireless Node - WLN

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

| Device 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

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

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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
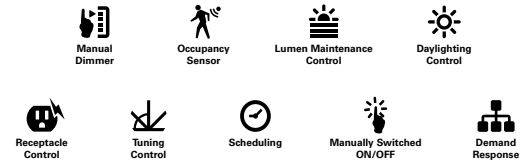- Stand-Alone Offices or Entire Building Network Installations

Downlights with wireless communication
Highly efficient LED fixtures

WaveLinx Area Controller
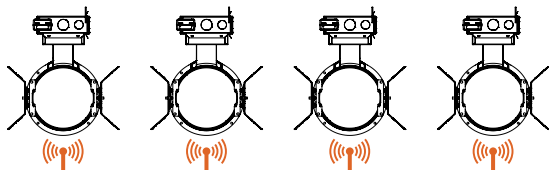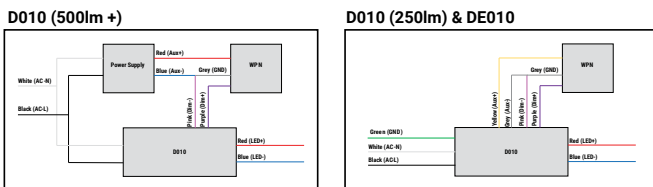Provides centralized coordination of multiple area control options

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 Wireless Node (WPN) Wiring Diagram

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

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

WaveLinx CORE Building Management Integration

BACnet/IP Public (REST) API — Third Party system *(hardware provided by others)*

Desktop/Laptop with web browser *(hardware provided by user)*

Trellix Core

Building LAN — BACnet Router[1] *(hardware provided by others)*

WaveLinx Mobile App used for system setup and personal control

Touchscreen — PoE Power — Wireless Area Controller