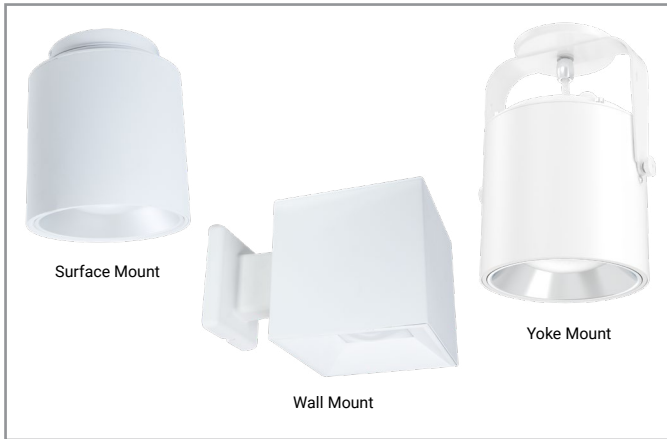


Project		Catalog #		Type	
Prepared by		Notes		Date	



Portfolio

LERS6C/LESQS6C/LSRYMS6C/ LSSQYMS6C Cylinders

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

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Residential

Interactive Menu

- Order Information page 2
- Product Specification page 4
- Energy Data page 5
- Photometric Data page 6
- Connected Systems page 9
- Product Warranty



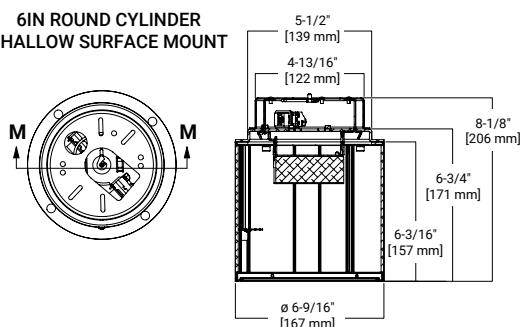
Top Product Features

- 250 to 4000 lumens; Offered in 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
- Downlight or 30° adjustable reflector
- Options to meet Trade Agreements Act requirements

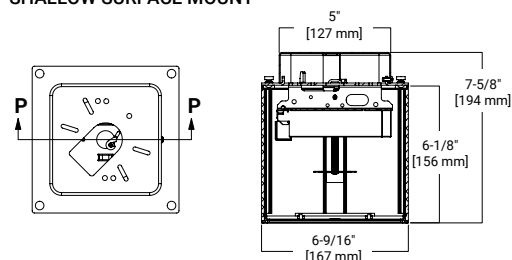
Dimensional and Mounting Details

additional product diagrams

6IN ROUND CYLINDER
SHALLOW SURFACE MOUNT



6IN SQUARE CYLINDER
SHALLOW SURFACE MOUNT



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

Order Information

SAMPLE ORDER NUMBER: LERS6C10D010TRP

Domestic Preferences ⁽³⁰⁾	Cylinder	Lumens	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 ⁽²²⁾ LERUDS6C = 6-inch round wall mount up/down ⁽⁴⁾ LESQUDS6C = 6-inch square wall mount up/down square aperture ⁽²⁾ 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 35 =3500 lumens 40 =4000 lumens	D010 =0-10V Dimming, 1% to 100%, 120V-277V, 500-4000 lumens 3D010 =0-10V Dimming, 1% to 100%, 347V, 800-3500 Lumens (500, 4000 Lumens require a Remote Driver) D010TR =0-10V (120-277V) or line voltage (120V) dimming, 1-100%; 1 driver: 250 to 3500 DE010 =0-10V Linear Dimming, 0.1% to 100%, 120V-277V, 500-3500 lumens DSLT =Fifth Light® DALI DT6 Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-3500 lumens DMX =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-3500 lumens ⁽⁶⁾ DMXC5 =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, with RJ45 connection, 800-3500 lumens ⁽⁶⁾ DLE =Lutron Ecosystem dimming 1% to 100%, 120-277V; 1 driver: 800 to 3500 Lumens DLV =Low Voltage System, 800-3000 lumens	blank =Integral driver R =Remote driver ⁽⁹⁾	P =White MB =Matte Black SL =Silver BZ =Bronze

SAMPLE ORDER NUMBER: EC6C10259035

Domestic Preferences ⁽³⁰⁾	Power Module	Lumen Levels ⁽¹⁵⁾	Color
[Blank] =Standard TAA = Trade Agreements Act BAA =Buy American Act	EC6C =6-inch cylinder light engine	0208 =250, 500, 800 lumens 1025 =1000, 1500, 2000 or 2500 Lumens 3035 =3000, 3500 lumens 40 =4000 lumens (for use with D010 only)	90 CRI 9024 = 90CRI, 2400K 9027 = 90CRI, 2700K 9030 = 90CRI, 3000K 9035 = 90CRI, 3500K 9040 = 90CRI, 4000K 9050 = 90CRI, 5000K
TAA = Trade Agreements Act	ECA6C =6-inch cylinder adjustable light engine	0235 =250 - 3500 lumens	

SAMPLE ORDER NUMBER: 6LBSS3LI

Domestic Preferences ⁽³⁰⁾	Trim	Reflector	Finish
[Blank] =Standard BAA =Buy American Act (SS3 spun trim only)	6LB =6" Reflector	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 ⁽¹⁸⁾ MMS =Matte Metallic Silver ⁽¹⁹⁾
	6LBA3 = 0-30° directional ⁽³⁵⁾		MW =Matte White MB =Matte Black MMS =Matte Metallic Silver

continued on next page

Order Information

REQUIRED if Remote Driver (R) is specified on Cylinder

Domestic Preferences ⁽⁸⁰⁾	Remote Drivers ⁽⁸⁾	Lumens	Voltage	Driver	Options ^{(31) (33)}	Controls
[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 35=3500 lumens	blank=120-277V (250-3500 lumens) ⁽¹¹⁾ 1=120V (3500 & 4000 lumens only) 2=277V (3500 & 4000 lumens only) 3=347V ⁽¹⁴⁾	D010=0-10V Dimming, 1% to 100%, 120V-277V, 500-3000 lumens 3D010=0-10V Dimming, 1% to 100%, 347V, 800-3500 Lumens D010TR=0-10V (120-277V) or line voltage (120V) dimming, 1-100%; 250 to 3500 Lumens DE010=0-10V Linear Dimming, 0.1% to 100%, 120V-277V, 500-3500 lumens D5LT=Fifth Light® DALI DT6 Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-3500 lumens DMX=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-3500 lumens ⁽⁶⁾ DMXC5=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, with RJ45 connection, 800-3500 lumens ⁽⁶⁾ DLE=Lutron Ecosystem dimming 1% to 100%, 120-277V ⁽¹²⁾ DLV=Low Voltage System, 800-3500 lumens	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 PRO Sensor Kit ^{(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) (36)} WLN = WaveLinX LITE Wireless Node without sensor ^{(14) (37)}

Domestic Preferences ⁽⁸⁰⁾	Accessories ⁽³⁵⁾	Type	Lengths
[Blank]=Standard TAA=Trade Agreements Act	Pendant Kit ^{(22) (23)} 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 ⁽²³⁾ 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 ⁽²³⁾ 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 LNE6SQU=up/down gasketed lens, wet location, square Conduit Kit SMRCC6P = Conduit canopy for round surface mount, white SMRCC6MB = Conduit canopy for round surface mount, black SMRCC6BZ = Conduit canopy for round surface mount, bronze SMRCC6SL = Conduit canopy for round surface mount, 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. 800-3500 lumens for integral driver. 250, 500, 4000 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
(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. 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 distributions

- (19) Available only on CS distributions
(20) 0-45° slope.
(21) ULUS listed only
(22) Lumen specified for up/down is the same for both directions. Ex. 800 lumens will be 800 lumens up & 800 lumens down.
(23) Order with ceiling mount cylinder.
(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
(34) D010 800 to 4000 lumens. 250, 500 and 4000 lumens use step down transformer) All other drivers use step down transformer.
(35) Use with ECA6C
(36) 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.
(37) 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

- 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°

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
- Available in standard and shallow heights
- Consult factory for custom finishes
- 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)

Vividtune 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.

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

Energy 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	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V
Input Current (A)	0.276	0.121	0.276	0.121	0.333	0.152
Input Power (W)	32.98	32.57	32	32.57	39.83	39.84
In-rush (A)	2.5	11.8	3.6	11.8	3.1	14.3
Inrush duration (μs)	215	111	220	111	200	94
THDi (%)	9.86	6.57	5.57	6.57	4.25	10.05
PF	≥ 0.99	≥ 0.97	≥ 0.99	≥ 0.99	≥ 0.99	≥ 0.94

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

Sound Rating: Class A standards

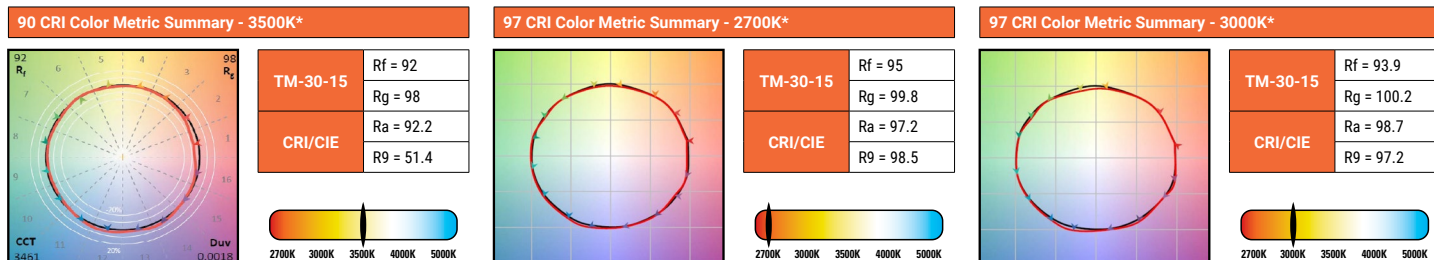
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Input Frequency: 50/60Hz

Notes:

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

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



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

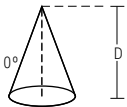
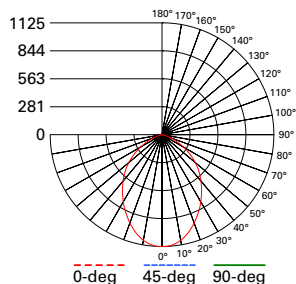

Beam Angles

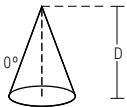
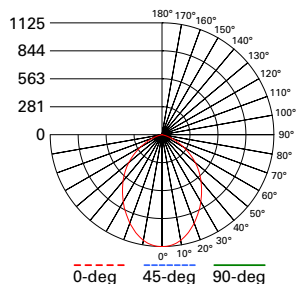

Trim	Beam Angle
6LBMH	MEDIUM 60° BEAM (H)
6LBMLI	MEDIUM 55° BEAM (LI)
6LBNH	NARROW 55° BEAM (H)
6LBNLI	NARROW 30° BEAM (LI)
6LBSh	SHALLOW 85° BEAM (H)
6LBsLI	SHALLOW 70° BEAM (LI)
6LBWH	WIDE 80° BEAM (H)

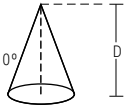
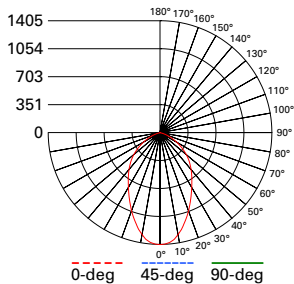
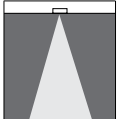
Trim	Beam Angle
6LBWLI	WIDE 80° BEAM (LI)
6LBSWNL	SINGLE WALL WASH (LI)
6LBSWHL	LENSED WALL WASH (H)
6LBSWLI	LENSED WALL WASH (LI)
6LBMDH	MEDIUM BEAM 45° CUTOFF 50° BEAM (H)
6LBMDLI	MEDIUM BEAM 45° CUTOFF 50° BEAM (LI)

Photometric Data

[View IES files](#)

SHALLOW 85° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571662	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*S6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>70.3</td><td>4.2</td><td>4.2</td></tr><tr><td>7'</td><td>23</td><td>7.4</td><td>7.4</td></tr><tr><td>9'</td><td>13.9</td><td>9.4</td><td>9.4</td></tr><tr><td>13'</td><td>6.7</td><td>13.6</td><td>13.6</td></tr><tr><td>16'</td><td>4.4</td><td>16.8</td><td>16.8</td></tr></table>		D	FC	L	W	4'	70.3	4.2	4.2	7'	23	7.4	7.4	9'	13.9	9.4	9.4	13'	6.7	13.6	13.6	16'	4.4	16.8	16.8	0	1125	0-30	790	36.7	37	45292
D	FC	L	W																																	
4'	70.3	4.2	4.2																																	
7'	23	7.4	7.4																																	
9'	13.9	9.4	9.4																																	
13'	6.7	13.6	13.6																																	
16'	4.4	16.8	16.8																																	
Module	EU6C10259035	5	1116	0-40	1224	56.9	45	40764																												
Trim	6LBSH	15	1021	0-60	1936	90	55	32821																												
Lumens	2151	25	864	0-90	2151	100	65	21818																												
Efficacy	98.7 Lm/W	35	694	90-180	0	0	75	8536																												
SC	1.06	45	526	0-180	2151	100	85	0																												
						55	343																													
						65	168																													
						75	40																													
						85	0																													
						90	0																													

SHALLOW 70° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571663	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*S6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>87.8</td><td>3.6</td><td>3.6</td></tr><tr><td>7'</td><td>28.7</td><td>6.2</td><td>6.2</td></tr><tr><td>9'</td><td>17.3</td><td>8</td><td>8</td></tr><tr><td>13'</td><td>8.3</td><td>11.6</td><td>11.6</td></tr><tr><td>16'</td><td>5.5</td><td>14.4</td><td>14.4</td></tr></table>		D	FC	L	W	4'	87.8	3.6	3.6	7'	28.7	6.2	6.2	9'	17.3	8	8	13'	8.3	11.6	11.6	16'	5.5	14.4	14.4	0	1405	0-30	879	39.5	37	45256
D	FC	L	W																																	
4'	87.8	3.6	3.6																																	
7'	28.7	6.2	6.2																																	
9'	17.3	8	8																																	
13'	8.3	11.6	11.6																																	
16'	5.5	14.4	14.4																																	
Module	EU6C10259035	5	1383	0-40	1315	59.1	45	40516																												
Trim	6LBSLI	15	1175	0-60	2019	90.7	55	32324																												
Lumens	2226	25	913	0-90	2226	100	65	21170																												
Efficacy	102.1 Lm/W	35	695	90-180	0	0	75	8006																												
SC	0.91	45	523	0-180	2226	100	85	0																												
						55	338																													
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						90	0																													

SHALLOW 70° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571663	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*S6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>87.8</td><td>3.6</td><td>3.6</td></tr><tr><td>7'</td><td>28.7</td><td>6.2</td><td>6.2</td></tr><tr><td>9'</td><td>17.3</td><td>8</td><td>8</td></tr><tr><td>13'</td><td>8.3</td><td>11.6</td><td>11.6</td></tr><tr><td>16'</td><td>5.5</td><td>14.4</td><td>14.4</td></tr></table>		D	FC	L	W	4'	87.8	3.6	3.6	7'	28.7	6.2	6.2	9'	17.3	8	8	13'	8.3	11.6	11.6	16'	5.5	14.4	14.4	0	1405	0-30	879	39.5	37	45256
D	FC					L	W																													
4'	87.8					3.6	3.6																													
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						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	1.74

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.

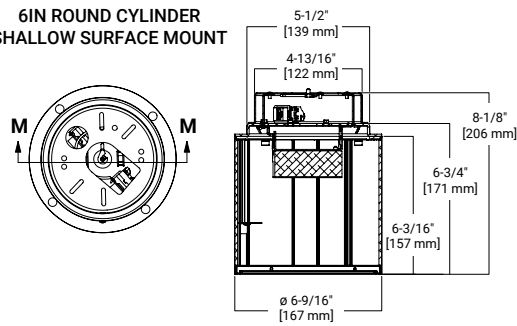
Color Finish Multipliers

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	1.22	1	1.07	1.07	0.76	0.59	1.09

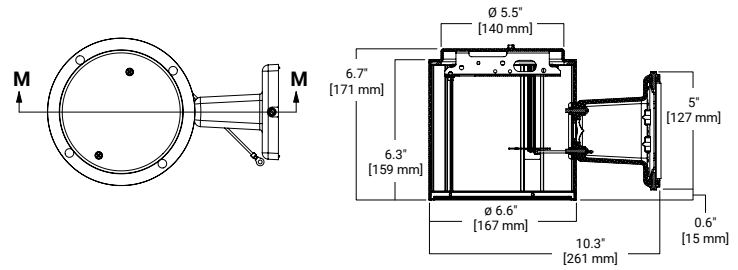
Multipliers for relative lumen values with other color finishes.

Dimensional and Mounting Details

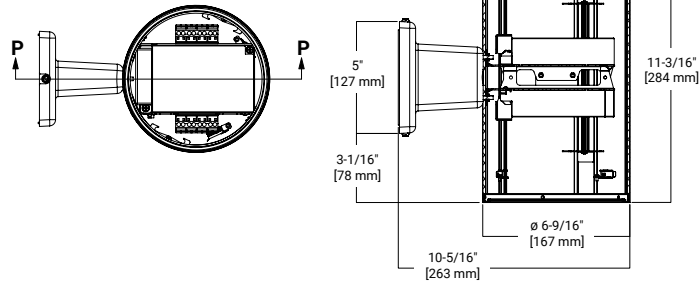
**6IN ROUND CYLINDER
SHALLOW SURFACE MOUNT**



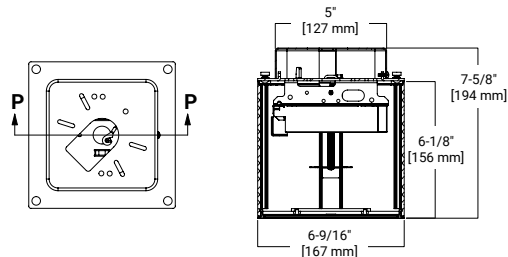
**6IN ROUND CYLINDER
SHALLOW WALL MOUNT**



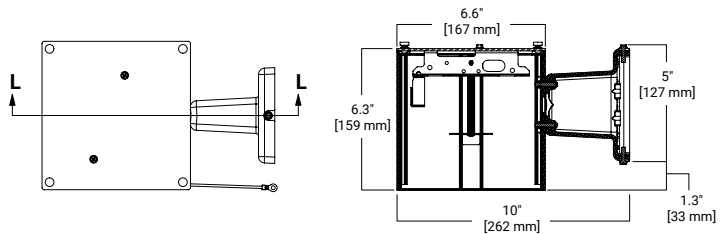
**6IN ROUND CYLINDER
SHALLOW UP DOWN**



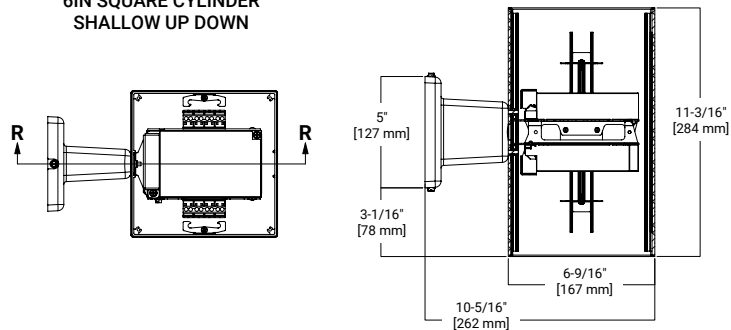
**6IN SQUARE CYLINDER
SHALLOW SURFACE MOUNT**



**6IN SQUARE CYLINDER
SHALLOW WALL MOUNT**

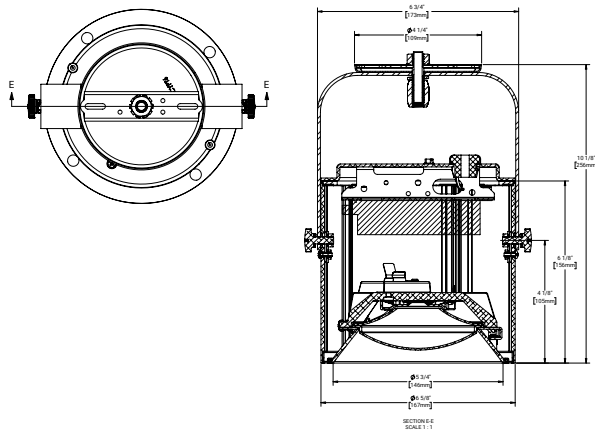


**6IN SQUARE CYLINDER
SHALLOW UP DOWN**

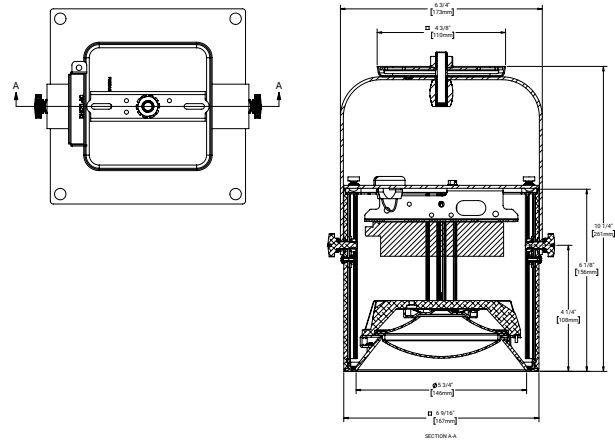


Dimensional and Mounting Details

6IN ROUND CYLINDER
SHALLOW YOKE MOUNT



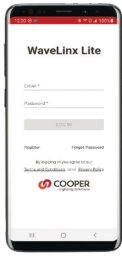
6IN SQUARE CYLINDER
SHALLOW YOKE MOUNT



Connected Systems

WaveLinX LITE - WLST Tilemount Sensor

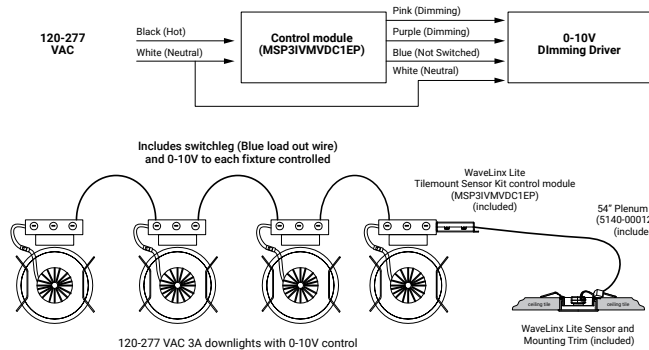
WaveLinX LITE devices only compatible with the WaveLinX LITE system.



- 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

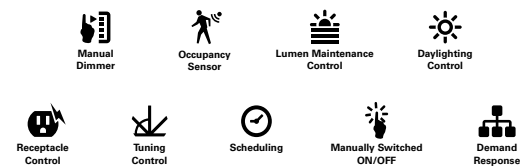
WaveLinX PRO devices only compatible with the WaveLinX PRO system.



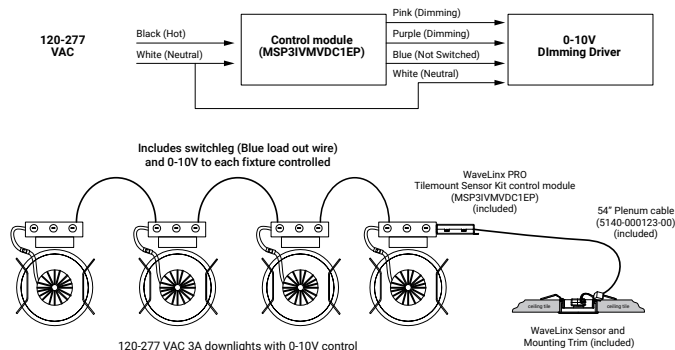
- WaveLinX PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



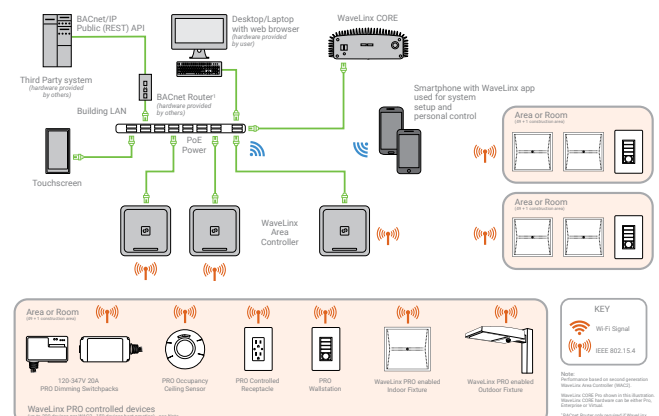
WaveLinX mobile app settings



WaveLinX PRO WPST Tilemount Wiring Diagram



WaveLinX CORE Building Management Integration



Connected Solutions



WaveLinX LITE Wireless Node - WLN

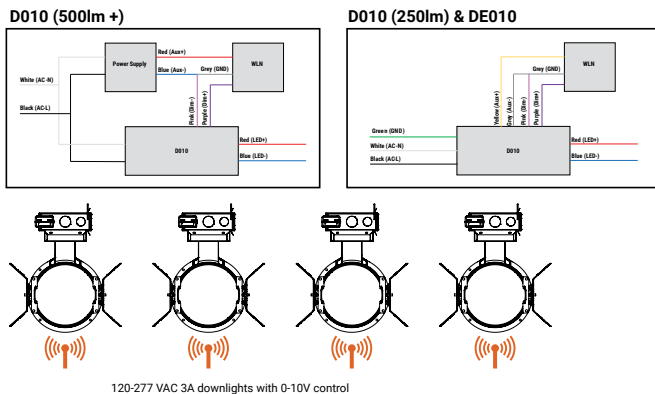
WaveLinX LITE devices only compatible with the WaveLinX LITE system.

- 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



WaveLinX LITE Bluetooth Enabled System



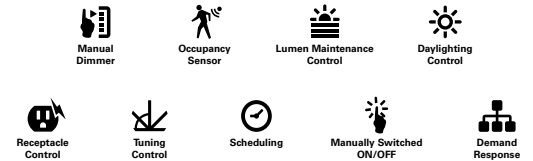
WaveLinX PRO Wireless Node - WPN

WaveLinX PRO devices only compatible with the WaveLinX PRO system.

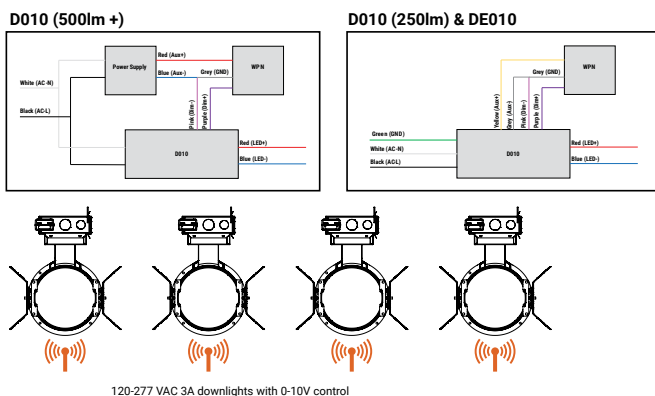
- WaveLinX Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with WaveLinX Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



WaveLinX mobile app settings



WaveLinX PRO Wireless Node (WPN) Wiring Diagram



WaveLinX CORE Building Management Integration

