

Project		Catalog #		DRC Type	
Prepared by		Notes		PZ24-12000026 Date	08.20.2025



Portfolio

LER6C/LESQ6C/LSRYM6C/ LSSQYM6C Cylinders

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

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Residential

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- Product Warranty

Product Certification



Control Compatibility



Product Features



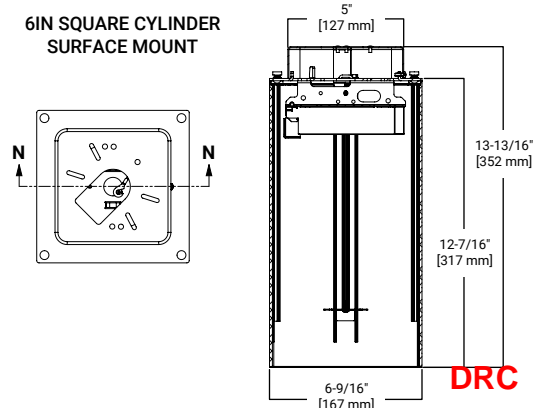
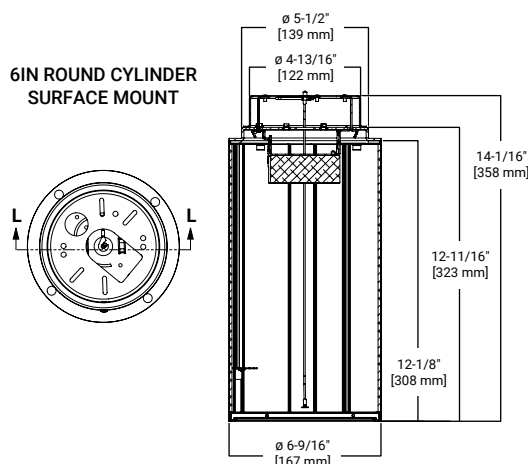
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07.02.2025

Top Product Features

- 250 to 6,000 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

Order Information

SAMPLE ORDER NUMBER: LER6C10D010TRP

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						08.20.2025	
Domestic Preferences ⁽³⁰⁾	Cylinder	Lumens	Driver	Remote ⁽⁸⁾	Finish ⁽¹⁰⁾	Factory Installed Connected Lighting Options ⁽³¹⁾	
[Blank]=Standard TAA= Trade Agreements Act	Ceiling surface mount. LER6C=6-inch round surface mount LESQ6C= 6-inch square surface mount square aperture ⁽¹⁾ LESQR6C= 6-inch square surface mount round aperture ⁽²⁾ Ceiling surface mount Square with conduit canopy (for round use Conduit Canopy Kit accessory) LESQSM6C = 6-inch square surface mount square aperture with surface mount conduit canopy ⁽¹⁾ LESQRSM6C = 6-inch square surface mount, round aperture with surface mount conduit canopy ⁽²⁾ Wall mount Downlight LERWM6C= 6-inch round wall mount LESQRWM6C= 6-inch square wall mount round aperture ⁽²⁾ LESQWM6C= 6-inch square wall mount square aperture ⁽¹⁾ Wall mount Up/down LERUD6C= 6-inch round wall mount up/down ^{(4) (37)} LESQUD6C= 6-inch square wall mount up/down square aperture ^{(3) (37)} LESQRUD6C= 6-inch square wall mount up/down round aperture ^{(4) (37)} Yoke mount LERYM6C = 6-inch round yoke mount ⁽²⁴⁾ LESQYM6C = 6-inch square yoke mount square aperture ^{(1) (24)} LESQRYM6C = 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 45 =4500 lumens (with remote driver only) 50 =5000 lumens (with remote driver only) 55 =5500 lumens (with remote driver only) 60 =6000 lumens (with remote driver only)	D010 =0-10V Dimming, 1% to 100%, 120V-277V 3D010 =0-10V Dimming, 1% to 100%, 347V, 800-3500 Lumens (250, 500, 4000-6000 Lumens require a Remote Driver) D010TR =0-10V (120-277V) or line voltage (120V) dimming, 5-100%; 1 driver: 250 to 3500 / 2 drivers: (Downlight with Remote Driver only): 4000-6000 Lumens DE010 =0-10V Linear Dimming, 0% to 100%, 120V-277V, 500-6000 lumens DSL T=FiFth Light® DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V, 500-6000 lumens DMX =DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, 1 driver: 800-4000 lumens / 2 drivers: (Downlight with Remote Driver only): 4500-6000 Lumens ⁽⁶⁾ DMXC5 =DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection, 1 driver: 800-4000 lumens / 2 drivers: (Downlight with Remote Driver only): 4500-6000 Lumens ⁽⁶⁾ DLE =Lutron Ecosystem dimming 1% to 100%, 120-277V; 1 driver: 800 to 3500 Lumens / 2 drivers: (Downlight with Remote Driver only): 4000-6000 Lumens DLV =Low Voltage System, 800-3000 lumens	blank =Integral driver R =Remote driver ⁽⁹⁾	P =White MB =Matte Black SL =Silver BZ =Bronze	WPN = WaveLinX PRO Wireless Node without sensor ⁽¹⁴⁾	

SAMPLE ORDER NUMBER: EC6C10259035

Domestic Preferences ⁽³⁰⁾	Power Module	Lumen Levels ⁽¹⁵⁾	Color
[Blank]=Standard TAA= Trade Agreements Act	EC6C =6-inch cylinder light engine	0208 =250, 500, 800 lumens (For use with D010 and D010TR; min 500 lumen with DE010 and D5LT; min 800 lumens with DLVP, Lutron and DMX) 1025 =1000, 1500, 2000 or 2500 Lumens 3035 =3000, 3500 lumens (For use with Lutron 3000-3500, DLVP 3000 lumens, DMX, D010, D010TR, D5LT and DE010 3000-3500) 4060 =4000, 4500, 5000, 5500, 6000 lumens [For use with D010, D5LT and DE010, DMX (4000)] Two LEDs for cylinders with two drivers 4080 =4000, 4500, 5000, 5500, 6000 lumens [For use with Lutron & D010TR (4000-6000), DMX (4500-6000)]	90 CRI 9030 = 90CRI, 3000K 9035 = 90CRI, 3500K 9040 = 90CRI, 4000K 9050 = 90CRI, 4500K 97 CRI 9727 = 97CRI, 2700K 9730 = 97CRI, 3000K
	ECA6C =6-inch cylinder adjustable light engine	0235 =250, 500, 800, 1000, 1500, 2000, 2500, 3000, & 3500 lumens (For use with D010 and D010TR; min 500 lumen with DE010 and D5LT; min 800 lumens with DLVP, Lutron and DMX) 4000 =4000 lumens (For use with D010, D5LT, DE010 and DMX)	07.02.2025

SAMPLE ORDER NUMBER: 6LBM3LI

Domestic Preferences ⁽³⁰⁾	Trim	Distribution ⁽¹⁶⁾		Flange	Finish
[Blank]=Standard BAA=Buy American Act ^{(30) (38)}	6LB=6" Reflector	N=Narrow (30° Beam), Spun Aluminum M=Medium (50° Beam), Spun Aluminum MD=45° Cutoff, Medium Beam, Spun Aluminum W=Wide (75° Beam), Spun Aluminum S=Shallow (75° Beam), Spun Aluminum HY=Hyperbolic Medium Beam (for single LED module only) CS=Cast Shallow (75° Beam), Die Cast Aluminum	SWN=Single Wall Wash, Spun Aluminum DWN=Double Wall Wash, Spun Aluminum SQ3=Square anodized aluminum CSSQ3=Square shallow die cast	3=Rimless	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 ⁽¹⁸⁾
	6LBA = 0-30° directional ⁽³⁵⁾			3=Rimless	MW=Matte White MB=Matte Black MMS=Matte Metallic Silver

Order Information

REQUIRED if Remote Driver (R) is specified on Cylinder

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Domestic Preferences ⁽³⁰⁾	Remote Drivers ⁽⁸⁾	Lumens	Voltage	Driver	Options ^{(31) (33)}	Controls ^{(31) (33)}
[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 08=800 lumens 10=1000 lumens 15=1500 lumens 20=2000 lumens 25=2500 lumens 30=3000 lumens 35=3500 lumens 40C=4000 lumens 45C=4500 lumens 50C=5000 lumens 55C=5500 lumens 60C=6000 lumens	blank=120-277V (250-3500 lumens) ⁽¹¹⁾ 1=120V (3500 & 4000 -6000 lumens only) 2=277V (3500 & 4000 -6000 lumens only) 3=347V ⁽³⁴⁾	D010=0-10V Dimming, 1% to 100%, 120V-277V D010TR=0-10V (120-277V) or line voltage (120V) dimming, 5-100%; 1 driver: 250 to 3500 / 2 drivers: 4000-6000 Lumens DE010=0-10V Linear Dimming, 0% to 100%, 120V-277V, 500-6000 lumens D5LT=FiFth Light® DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V, 500-6000 lumens DMX=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, 1 driver: 800-4000 lumens / 2 drivers: 4500-6000 Lumens ⁽⁶⁾ DMXC5=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection, 1 driver: 800-4000 lumens / 2 drivers: 4500-6000 Lumens ⁽⁶⁾ DLE=Lutron Ecosystem dimming 1% to 100%, 120-277V; 1 driver: 800 to 3500 Lumens / 2 drivers: 4000-6000 Lumens ⁽¹²⁾ DLV=Low Voltage System, 800-3000 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 (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 ⁽¹⁴⁾

Domestic Preferences	Accessories	Type	Lengths
Domestic Preferences ⁽³⁰⁾	Accessories ⁽³⁵⁾	Type	Lengths
[Blank]=Standard TAA= Trade Agreements Act	Pendant Kit ⁽²⁰⁾ P836P=White pendant stem kit for round suspended mount cylinder P836BZ=Bronze pendant stem kit for round suspended mount cylinder P836MB=Matte black pendant stem kit for round suspended mount cylinder P836SL=Silver pendant stem kit for round 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
	Conduit Pendant Kit ⁽²⁶⁾ 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 ⁽²⁴⁾ 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 ⁽²⁶⁾ SMRCC6P = Round conduit canopy for surface mount, white SMRCC6MB = Round conduit canopy for surface mount, black SMRCC6BZ = Round conduit canopy for surface mount, bronze SMRCC6SL = Round conduit canopy for 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.
(14) Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver. WPN is factory installed only.
(15) Nominal Lumens will vary depending on selected color, driver and reflector finish.
(16) Beam angles are nominal with LI finish trims.
(17) Anodized or spun aluminum reflectors
(18) Die cast reflectors only
(20) 0-45° slope.
(21) ULus listed only
(24) Ceiling mount only
(26) Not for use with remote driver

- (27) WLST = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite system specifications)
(28) WPST = WaveLinx wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only
(30) To order product that is compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act (TAA), use the online specification configurator to specify BAA or TAA. Please refer to [DOMESTIC PREFERENCES LINK](#) for more information. Components shipped separately may be separately analyzed under domestic preference requirements. Accessories sold separately will be separately analyzed under domestic preference requirements.
(31) 120V-277V
(32) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others).
(33) Non-IC
(34) D010 800 to 4000 lumens. 250, 500 and 4000 lumens use step down transformer) All other drivers use step down transformer.
(35) Order with ECA6C light engine.
(37) DMX drivers with shallow trim only.
(38) Offered with spun aluminum narrow (N), medium (M) and wide (W) trims

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

- 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)

Vividthune and High CRI

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

Driver

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

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 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 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.

WaveLinX LITE Tilemount Sensor Kit

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

WaveLinX Tilemount Kits Application

- The WPST and WLST tilemount 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 kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.

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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Energy Data

D010 DRIVER ENERGY DATA

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

Series	2500 lumen		3000 lumen		3500 lumen		4000 lumen		4500 lumen		5000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.276	0.121	0.276	0.121	0.333	0.152	0.404	0.181	0.421	0.192	0.491	0.216
Input Power (W)	32.98	32.57	32	32.57	39.83	39.84	48.38	47.94	50.22	50.17	58.69	58.01
In-rush (A)	2.5	11.8	3.6	11.8	3.1	14.3	3.1	14.5	5.6	22.6	5.6	22.6
Inrush duration (µs)	215	111	220	111	200	94	197	95	215	120	213	135
THDi (%)	9.86	6.57	5.57	6.57	4.25	10.05	5.02	7.97	6.12	8.35	8.51	7.92
PF	≥ 0.99	≥ 0.97	≥ 0.99	≥ 0.99	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.96

Series	6000 lumen	
Input Voltage 120-277VAC	120V	277V
Input Current (A)	0.542	0.256
Input Power (W)	64.88	65.7
In-rush (A)	6.2	27.5
Inrush duration (µs)	188	101
THDi (%)	4.33	11.86
PF	≥ 0.99	≥ 0.93

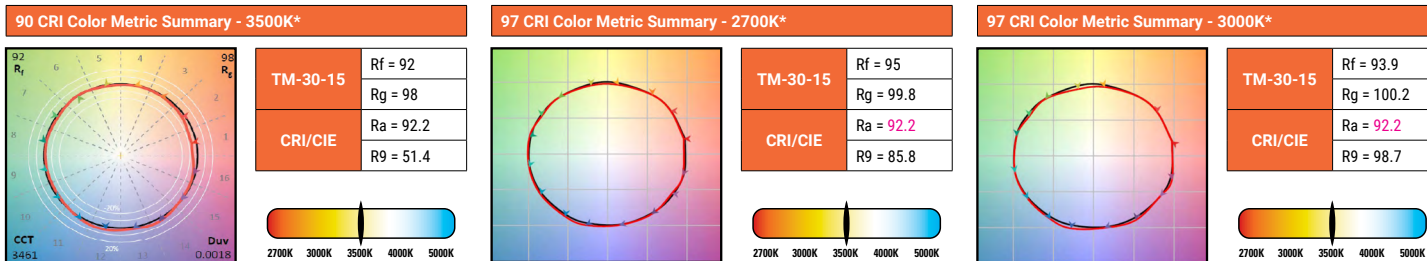
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Minimum starting temperature -30°C (-22°F)* (Nominal input 120-277VAC & 100% of rated output power)	PZ24-12000026
Sound Rating: Class A standards	07.02.2025
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)	
Input Frequency: 50/60Hz	

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)
6BLSLI	SHALLOW 70° BEAM (LI)
6LBWH	WIDE 80° BEAM (H)

Trim	Beam Angle
6LBWLI	WIDE 80° BEAM (LI)
6LBWNLI	SINGLE WALL WASH (LI)
6LBLSWWH	LENSED WALL WASH (H)
6LBLSWWLI	LENSED WALL WASH (LI)
6LBMDH	MEDIUM BEAM 45° CUTOFF 50° BEAM (H)
6LBMDLI	MEDIUM BEAM 45° CUTOFF 50° BEAM (LI)

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Photometric Data

View IES files

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MEDIUM 60° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571658	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>93.3</td><td>3.6</td><td>3.6</td></tr><tr><td>7'</td><td>30.5</td><td>6.4</td><td>6.4</td></tr><tr><td>9'</td><td>18.4</td><td>8.4</td><td>8.4</td></tr><tr><td>13'</td><td>8.8</td><td>12.2</td><td>12.2</td></tr><tr><td>16'</td><td>5.8</td><td>15</td><td>15</td></tr></table>		D	FC	L	W	4'	93.3	3.6	3.6	7'	30.5	6.4	6.4	9'	18.4	8.4	8.4	13'	8.8	12.2	12.2	16'	5.8	15	15	0	1493	0-30	947	62.8	37	30591
D	FC					L	W																													
4'	93.3					3.6	3.6																													
7'	30.5					6.4	6.4																													
9'	18.4					8.4	8.4																													
13'	8.8	12.2	12.2																																	
16'	5.8	15	15																																	
Module	EC6C10259035	5	1461	0-40	1287	85.3	45	13699																												
Trim	6LBMH	15	1261	0-60	1482	98.2	55	5142																												
Lumens	1509	25	1015	0-90	1509	100	65	2516																												
Efficacy	69.2 Lm/W	45	177	90-180	0	0	75	1377																												
SC	0.94					65	19	0-180	1509	100	85	0																								
UGR	12.5					75	6																													
						85	0																													
						90	0																													

MEDIUM 55° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571659	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>144.5</td><td>3.2</td><td>3.2</td></tr><tr><td>7'</td><td>47.2</td><td>5.8</td><td>5.8</td></tr><tr><td>9'</td><td>28.5</td><td>7.6</td><td>7.6</td></tr><tr><td>13'</td><td>13.7</td><td>10.8</td><td>10.8</td></tr><tr><td>16'</td><td>9</td><td>13.4</td><td>13.4</td></tr></table>		D	FC	L	W	4'	144.5	3.2	3.2	7'	47.2	5.8	5.8	9'	28.5	7.6	7.6	13'	13.7	10.8	10.8	16'	9	13.4	13.4	0	2311	0-30	1359	73.6	37	30951
D	FC	L	W																																	
4'	144.5	3.2	3.2																																	
7'	47.2	5.8	5.8																																	
9'	28.5	7.6	7.6																																	
13'	13.7	10.8	10.8																																	
16'	9	13.4	13.4																																	
Module	EC6C10259035	5	2281	0-40	1737	94	45	8063																												
Trim	6LBMLI	15	1903	0-60	1841	99.7	55	898																												
Lumens	1847	25	1364	0-90	1847	100	65	623																												
Efficacy	84.7 Lm/W					45	104	90-180	0	0	75	508																								
SC	0.85					55	9	0-180	1847	100	85	0																								
UGR	1.3					65	5																													
						75	2																													
						85	0																													
						90	0																													

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NARROW 55° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571660	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>104.1</td><td>3</td><td>3</td></tr><tr><td>7'</td><td>34</td><td>5.4</td><td>5.4</td></tr><tr><td>9'</td><td>20.6</td><td>7</td><td>7</td></tr><tr><td>13'</td><td>9.9</td><td>10</td><td>10</td></tr><tr><td>16'</td><td>6.5</td><td>12.4</td><td>12.4</td></tr></table>		D	FC	L	W	4'	104.1	3	3	7'	34	5.4	5.4	9'	20.6	7	7	13'	9.9	10	10	16'	6.5	12.4	12.4	0	1665	0-30	916	70.5	37	23572
D	FC	L	W																																	
4'	104.1	3	3																																	
7'	34	5.4	5.4																																	
9'	20.6	7	7																																	
13'	9.9	10	10																																	
16'	6.5	12.4	12.4																																	
Module	EC6C10259035	5	1249	0-40	1191	91.7	45	6977																												
Trim	6LBNH	833	1249	0-60	1289	99.2	55	2045																												
Lumens	1299	416	1249	0-90	1299	100	65	921																												
Efficacy	59.6 Lm/W					45	90	90-180	0	0	75	508																								
SC	0.78					55	21	0-180	1299	100	85	0																								
UGR	6.9					65	7																													
						75	2																													
						85	0																													
						90	0																													

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NARROW 30° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571661	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>233.6</td><td>2</td><td>2</td></tr><tr><td>7'</td><td>76.3</td><td>3.6</td><td>3.6</td></tr><tr><td>9'</td><td>46.2</td><td>4.6</td><td>4.6</td></tr><tr><td>13'</td><td>22.1</td><td>6.8</td><td>6.8</td></tr><tr><td>16'</td><td>14.6</td><td>8.4</td><td>8.4</td></tr></table>		D	FC	L	W	4'	233.6	2	2	7'	76.3	3.6	3.6	9'	46.2	4.6	4.6	13'	22.1	6.8	6.8	16'	14.6	8.4	8.4	0	3738	0-30	1320	80.4	37	21389
D	FC	L	W																																	
4'	233.6	2	2																																	
7'	76.3	3.6	3.6																																	
9'	46.2	4.6	4.6																																	
13'	22.1	6.8	6.8																																	
16'	14.6	8.4	8.4																																	
Module	EC6C10259035	5	3483	0-40	1580	96.2	45	4590																												
Trim	6LBNLI	15	2027	0-60	1639	99.8	55	459																												
Lumens	1642	25	973	0-90	1642	100	65	311																												
Efficacy	75.3 Lm/W					45	59	90-180	0	0	75	0																								
SC	0.53					55	5	0-180	1642	100	85	0																								
UGR	0					65	2																													
						75	0																													
						85	0																													
						90	0																													

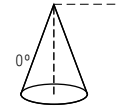
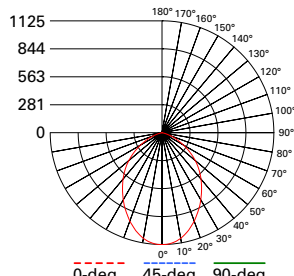

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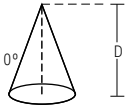
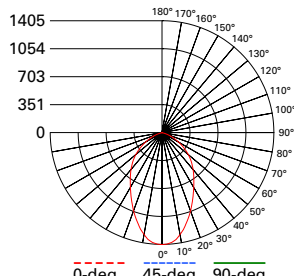

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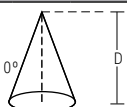
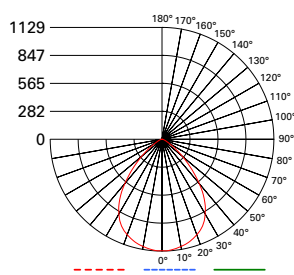

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SHALLOW 85° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571662	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<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																												
UGR	24.9					65	168																													
						75	40																													
						85	0																													
						90	0																													


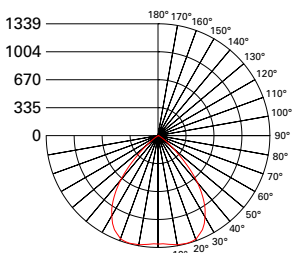

SHALLOW 70° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571663	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Canдела Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<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																												
UGR	24.6	65	163	<div>DRC</div>																																
		75	38																																	
		85	0																																	
		90	0																																	

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WIDE 80° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571664	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>70.4</td><td>4.6</td><td>4.6</td></tr><tr><td>7'</td><td>23</td><td>8</td><td>8</td></tr><tr><td>9'</td><td>13.9</td><td>10.4</td><td>10.4</td></tr><tr><td>13'</td><td>6.7</td><td>15</td><td>15</td></tr><tr><td>16'</td><td>4.4</td><td>18.4</td><td>18.4</td></tr></table>		D	FC	L	W	4'	70.4	4.6	4.6	7'	23	8	8	9'	13.9	10.4	10.4	13'	6.7	15	15	16'	4.4	18.4	18.4	0	1127	0-30	851	46.6	37	47030
D	FC	L	W																																	
4'	70.4	4.6	4.6																																	
7'	23	8	8																																	
9'	13.9	10.4	10.4																																	
13'	6.7	15	15																																	
16'	4.4	18.4	18.4																																	
Module	EU6C10259035	5	1122	0-40	1312	71.8	45	31934																												
Trim	6LBWH	15	1072	0-60	1770	96.9	55	14260																												
Lumens	1827	25	968	0-90	1827	100	65	5228																												
Efficacy	83.8 Lm/W	35	746	90-180	0	0	75	2499																												
SC	1.16	45	412	0-180	1827	100	85	1510																												
UGR	17.8					65	40																													
						75	12																													
						85	2																													
						90	0																													

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WIDE 80° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571665	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>81.5</td><td>4.8</td><td>4.8</td></tr><tr><td>7'</td><td>26.6</td><td>8.6</td><td>8.6</td></tr><tr><td>9'</td><td>16.1</td><td>11</td><td>11</td></tr><tr><td>13'</td><td>7.7</td><td>16</td><td>16</td></tr><tr><td>16'</td><td>5.1</td><td>19.8</td><td>19.8</td></tr></table>		D	FC	L	W	4'	81.5	4.8	4.8	7'	26.6	8.6	8.6	9'	16.1	11	11	13'	7.7	16	16	16'	5.1	19.8	19.8	0	1304	0-30	1074	51.4	37	58990
D	FC	L	W																																	
4'	81.5	4.8	4.8																																	
7'	26.6	8.6	8.6																																	
9'	16.1	11	11																																	
13'	7.7	16	16																																	
16'	5.1	19.8	19.8																																	
Module	EU6C10259035					5	1311	0-40	1657	79.4	45	33942																								
Trim	6LBWLI					15	1339	0-60	2075	99.4	55	7235																								
Lumens	2087					25	1249	0-90	2087	100	65	921																								
Efficacy	95.7 Lm/W					35	946	90-180	0	0	75	508																								
SC	1.24					45	438	0-180	2087	100	85	0																								
UGR	10.8					55	76																													
						65	7																													
						75	2																													
						85	0																													
						90	0																													

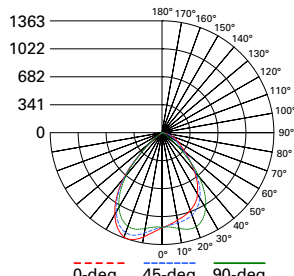
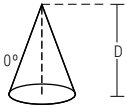
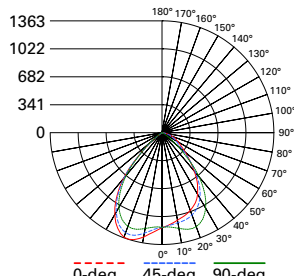
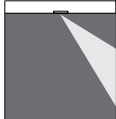
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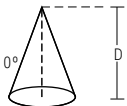
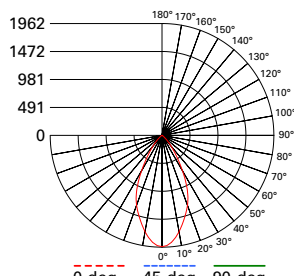
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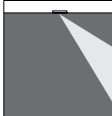
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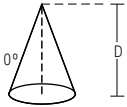
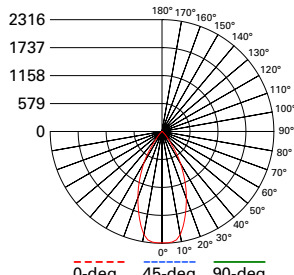

SINGLE WALL WASH (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																																																	
Test Number	P571666	Downlight						Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminaire																																														
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>77</td><td>4.7</td><td>4.8</td></tr><tr><td>7'</td><td>25.1</td><td>8.2</td><td>8.6</td></tr><tr><td>9'</td><td>15.2</td><td>10.6</td><td>11.2</td></tr><tr><td>13'</td><td>7.3</td><td>15.3</td><td>16</td></tr><tr><td>16'</td><td>4.8</td><td>18.9</td><td>19.8</td></tr></table>		D	FC	L	W	4'	77	4.7	4.8	7'	25.1	8.2	8.6	9'	15.2	10.6	11.2	13'	7.3	15.3	16	16'	4.8	18.9	19.8	<table><tr><th>Degrees Vertical</th><th>Candela</th></tr><tr><td>0</td><td>1155</td></tr><tr><td>5</td><td>1121</td></tr><tr><td>15</td><td>1048</td></tr><tr><td>25</td><td>949</td></tr><tr><td>35</td><td>746</td></tr><tr><td>45</td><td>470</td></tr><tr><td>55</td><td>281</td></tr><tr><td>65</td><td>181</td></tr><tr><td>75</td><td>82</td></tr><tr><td>85</td><td>18</td></tr><tr><td>90</td><td>0</td></tr></table>		Degrees Vertical	Candela	0	1155	5	1121	15	1048	25	949	35	746	45	470	55	281	65	181	75	82	85	18	90	0	0-30	971	46	37	47358
D	FC					L	W																																																					
4'	77					4.7	4.8																																																					
7'	25.1					8.2	8.6																																																					
9'	15.2					10.6	11.2																																																					
13'	7.3	15.3	16																																																									
16'	4.8	18.9	19.8																																																									
Degrees Vertical	Candela																																																											
0	1155																																																											
5	1121																																																											
15	1048																																																											
25	949																																																											
35	746																																																											
45	470																																																											
55	281																																																											
65	181																																																											
75	82																																																											
85	18																																																											
90	0																																																											
Module	EC6C10259035	0-40	1515	71.7	45	36399																																																						
Trim	6LBSWNLI	0-60	2008	95.1	55	26819																																																						
Lumens	2112	0-90	2112	100	65	23491																																																						
Efficacy	96.9 Lm/W	90-180	0	0	75	17305																																																						
SC	1.29	0-180	2112	100	85	11133																																																						
UGR	25.8																																																											
																																																												

MEDIUM BEAM 45° CUTOFF 50° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571669	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Canдела Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>122.6</td><td>3.2</td><td>3.2</td></tr><tr><td>7'</td><td>40</td><td>5.6</td><td>5.6</td></tr><tr><td>9'</td><td>24.2</td><td>7.2</td><td>7.2</td></tr><tr><td>13'</td><td>11.6</td><td>10.4</td><td>10.4</td></tr><tr><td>16'</td><td>7.7</td><td>12.8</td><td>12.8</td></tr></table>		D	FC	L	W	4'	122.6	3.2	3.2	7'	40	5.6	5.6	9'	24.2	7.2	7.2	13'	11.6	10.4	10.4	16'	7.7	12.8	12.8	0	1962	0-30	1072	71.8	37	24203
D	FC	L	W																																	
4'	122.6	3.2	3.2																																	
7'	40	5.6	5.6																																	
9'	24.2	7.2	7.2																																	
13'	11.6	10.4	10.4																																	
16'	7.7	12.8	12.8																																	
Module	EC6C10259035					5	1894	0-40	1351	90.5	45	9900																								
Trim	6LBMDH					15	1517	0-60	1480	99.1	55	2542																								
Lumens	1493					25	1052	0-90	1493	100	65	1180																								
Efficacy	68.5 Lm/W					35	437	90-180	0	0	75	635																								
SC	0.8					45	128	0-180	1493	100	85	252																								
UGR	7.6					55	27																													
						65	9																													
						75	3																													
						85	0																													
						90	0																													



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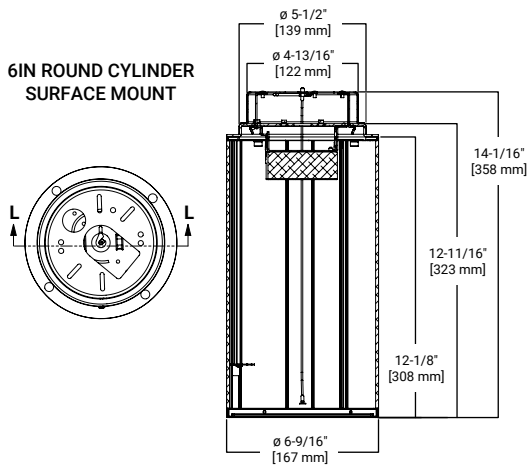
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MEDIUM BEAM 45° CUTOFF 50° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN			LUMINANCE																									
Test Number	P571670	Downlight				Degrees Vertical	Canдела	Zone	Lumens	<div>P224-12000026</div> <div>07.92.2025</div> % Fixture	Average Canдела Degrees	Average 0° Luminance																								
Housing	LE*6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>144.6</td><td>3</td><td>3</td></tr><tr><td>7'</td><td>47.2</td><td>5.2</td><td>5.2</td></tr><tr><td>9'</td><td>28.6</td><td>6.8</td><td>6.8</td></tr><tr><td>13'</td><td>13.7</td><td>9.8</td><td>9.8</td></tr><tr><td>16'</td><td>9</td><td>12</td><td>12</td></tr></table>		D	FC	L	W	4'	144.6	3	3	7'	47.2	5.2	5.2	9'	28.6	6.8	6.8	13'	13.7	9.8	9.8	16'	9	12	12	0	2314	0-30	1230	79.4	37	18792
D	FC	L	W																																	
4'	144.6	3	3																																	
7'	47.2	5.2	5.2																																	
9'	28.6	6.8	6.8																																	
13'	13.7	9.8	9.8																																	
16'	9	12	12																																	
Module	EC6C10259035					5	2309	0-40	1486	95.9	45	5032																								
Trim	6LBMDLI					15	1837	0-60	1546	99.8	55	535																								
Lumens	1549					25	1109	0-90	1549	100	65	259																								
Efficacy	71.1 Lm/W					35	371	90-180	0	0	75	169																								
SC	0.76					45	65	0-180	1549	100	85	0																								
UGR	0					55	6																													
						65	2																													
						75	1																													
						85	0																													
						90	0																													

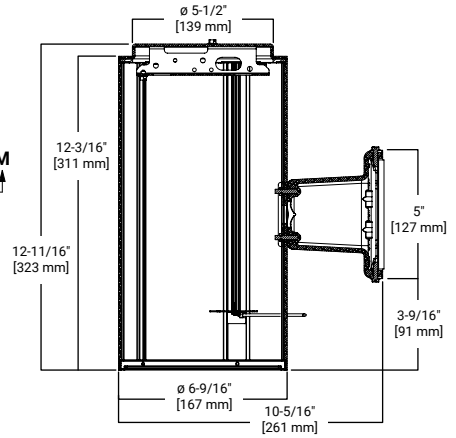
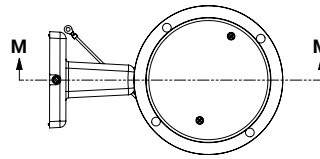
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Dimensional and Mounting Details

6IN ROUND CYLINDER
SURFACE MOUNT



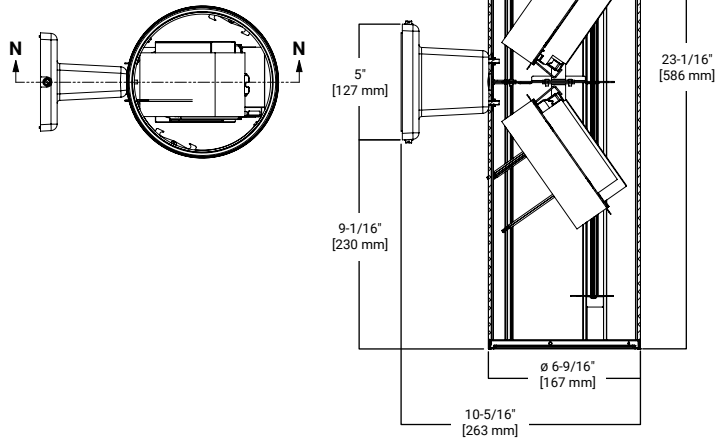
6IN ROUND CYLINDER
WALL MOUNT



PZ24-12000026

08.20.2025

6IN ROUND CYLINDER
UP DOWN



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07.02.2025

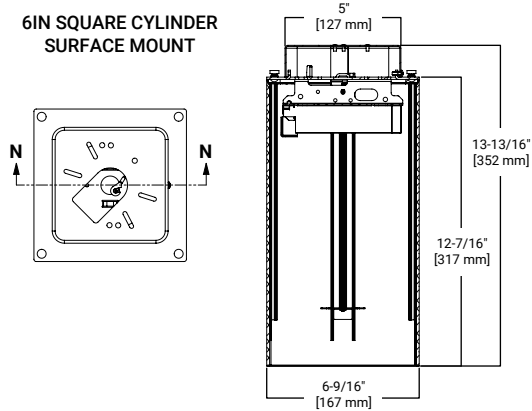
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Dimensional and Mounting Details

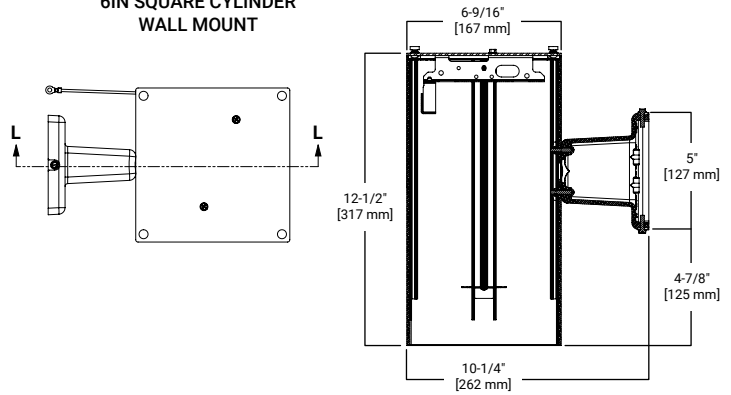
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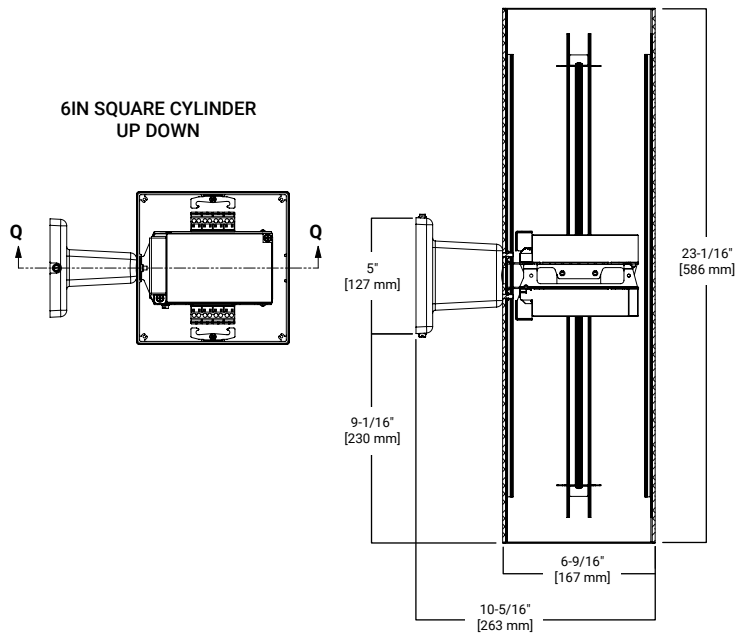
6IN SQUARE CYLINDER
SURFACE MOUNT



6IN SQUARE CYLINDER
WALL MOUNT



6IN SQUARE CYLINDER
UP DOWN



DRC

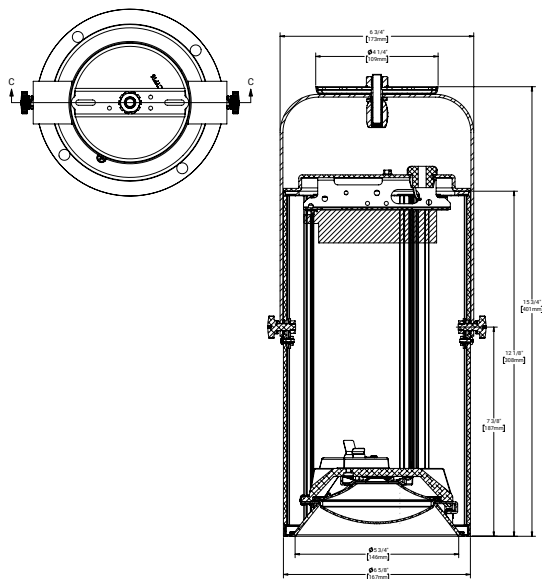
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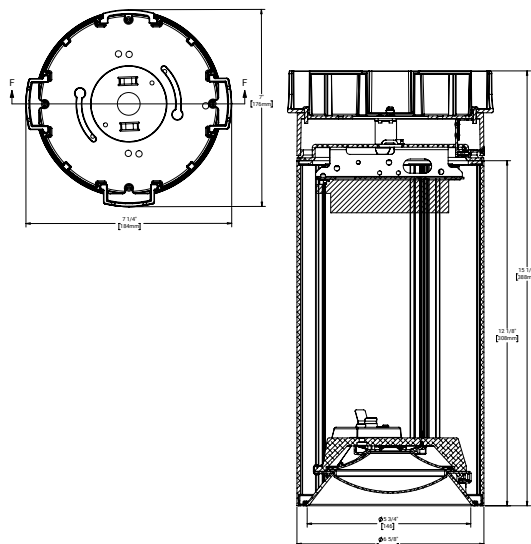
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Dimensional and Mounting Details

6IN ROUND CYLINDER
STANDARD YOKE MOUNT



6IN ROUND CYLINDER
CONDUIT CANOPY

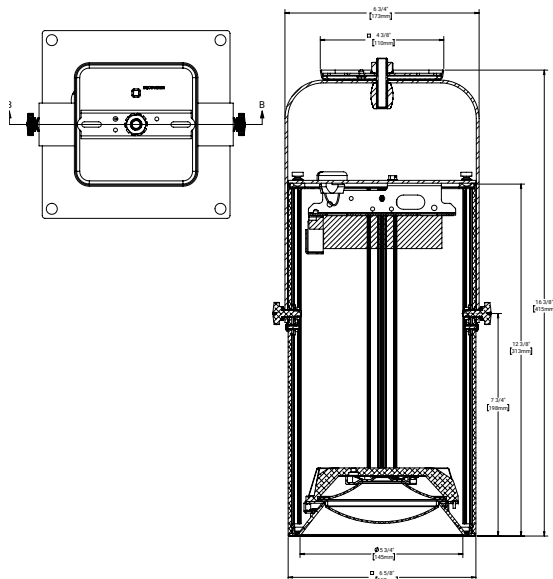


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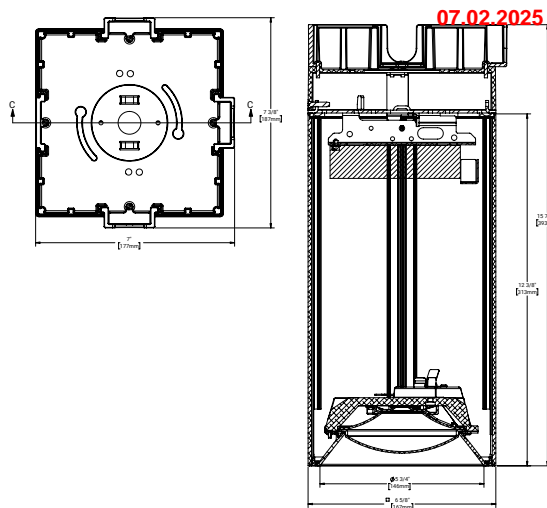
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6IN SQUARE CYLINDER
STANDARD YOKE MOUNT



6IN SQUARE CYLINDER
CONDUIT CANOPY



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07.02.2025

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Connected Solutions

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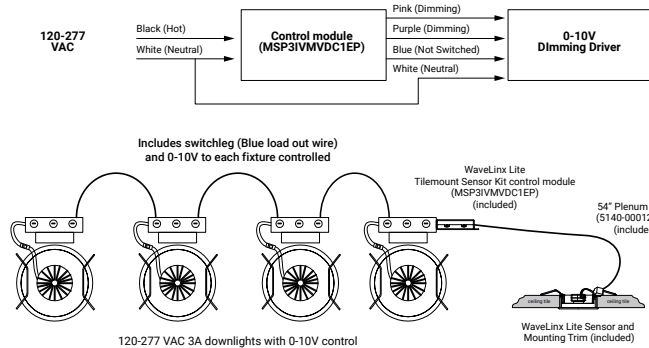


WaveLinX LITE - WLST Tilemount Sensor

- 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

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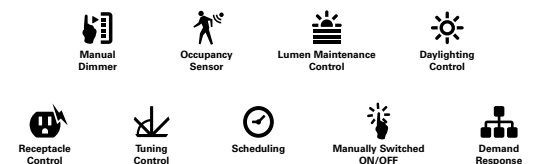
07.02.2025



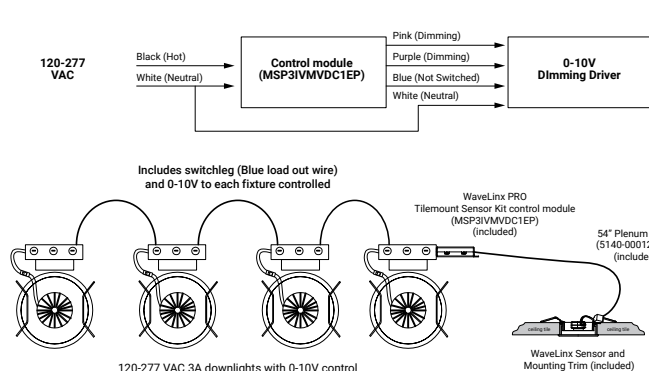
- WaveLinX PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



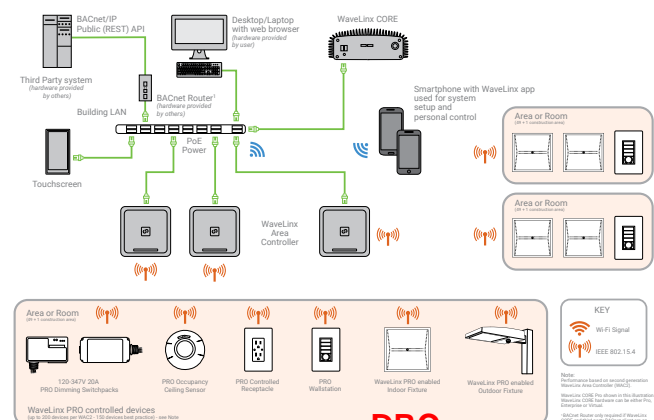
WaveLinX mobile app settings



WaveLinX PRO WPST Tilemount Wiring Diagram



WaveLinX CORE Building Management Integration



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PSS2050523 page 12

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Connected Solutions

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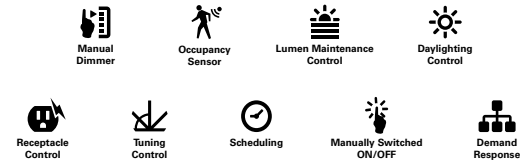
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WaveLinX PRO Wireless Node - WPN

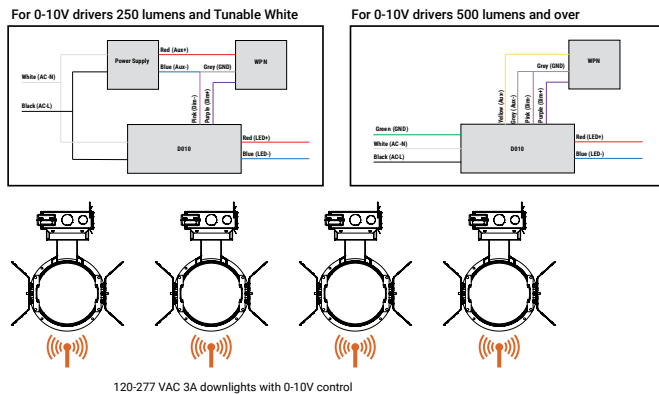
- WaveLinX Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with WaveLinX Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



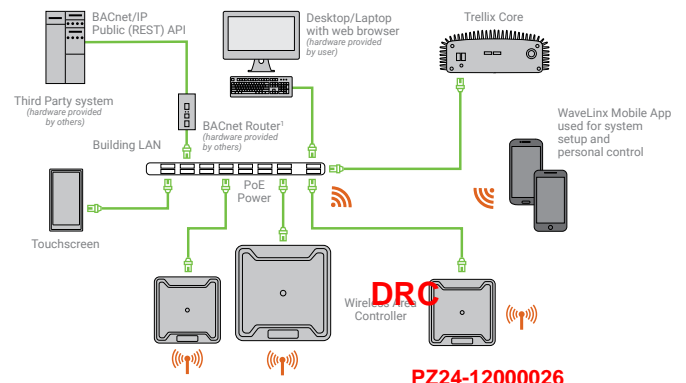
WaveLinX mobile app settings



WaveLinX PRO Wireless Node (WPN) Wiring Diagram



WaveLinX CORE Building Management Integration



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07.02.2025