

Project		Catalog #		Type	
Prepared by		Notes		Date	



Portfolio

LDRT6C | EU6C | 6LB

6" Round, Retrofit/Install from Below Downlight
Narrow, Medium, Wide and Wall Wash
250-15,000 Lumens

Typical Applications

Office • Education • Healthcare • Hospitality • Retail •
Code-Compliance Areas • Sports Venues

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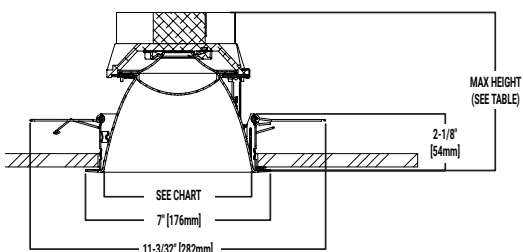


Top Product Features

- 250 to 15,000 lumens; Offered in 90 and 97 CRI; ENERGY STAR® qualified
- Remodel, retrofit or international installation; Retrofits existing HID, incandescent or compact fluorescent downlights
- Die-cast or spun aluminum reflectors; Narrow beam, medium beam and wide beam distributions; Optional shallow trim for 2x4 construction
- Standard 0-10V driver dims to 1%; Easy disconnect for LED engine replacement and installation
- 2400K, 2700K, 3000K, 3500K, 4000K, 5000K; D2W™ option from 3000K to 1850K
- Available W2N tunable white CCT range 2700K to 6500K or 2000K to 5000K
- Options to meet Trade Agreements Act requirements

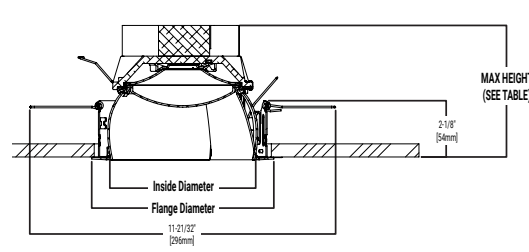
Dimensional and Mounting Details

LDRT6C



CLICK HERE - LDRT6C
dimension information

LDRT67C



CLICK HERE - LDRT67C
dimension information



Single Line Order Information

SAMPLE ORDER NUMBER: **LDRT6C159035DE010W1LI**

Invoice will indicate separate fixture components (housing, trim, module) which will ship complete from a single CLS facility in separate cartons.

To receive separate components (housing, trim, module) shipment, click on the "Multi-Line Ordering Information Option" button to the right.

Multi-line Ordering
Information Option

Housing	Lumen ⁽¹⁾			Color Control	CCT ⁽²⁰⁾	
LDRT6C =LED Retrofit for 6" to 6-7/16" or 8-9/16" with ABR8P openings LDRT6CCP =LED Retrofit for 6" to 6-7/16" or 8-9/16" with ABR8P openings, Chicago Plenum LDRT67C =LED Retrofit for 6-1/2" to 7-1/2" openings LDRT67CCP =LED Retrofit for 6-1/2" to 7-1/2" openings, Chicago Plenum For TAA use Multi-Line Ordering	02 = 250 lumens, IC rated 05 = 500 lumens, IC rated 08 = 800 lumens, IC rated 10 = 1000 Lumens 10IC = 1000 Lumens, IC rated 15 = 1500 Lumens 15IC = 1500 Lumens, IC rated 20 = 2000 Lumens 25 = 2500 lumens	30 = 3000 Lumens 35 = 3500 lumens 40 = 4000 Lumens 45 = 4500 Lumens ⁽¹⁰⁾ 50 = 5000 Lumens ⁽¹⁰⁾ 55 = 5500 Lumens ⁽¹⁰⁾ 60 = 6000 Lumens ⁽¹⁰⁾ 65 = 6500 Lumens ⁽¹⁰⁾ 70 = 7000 Lumens ⁽¹⁰⁾	75 = 7500 Lumens ⁽¹⁰⁾ 80 = 8000 Lumens ⁽¹⁰⁾ 90 = 9000 Lumens ⁽¹⁰⁾ 100 = 10,000 Lumens ⁽¹⁰⁾ 110 = 11,000 Lumens ⁽¹⁰⁾ 120 = 12,000 Lumens ⁽¹⁰⁾ 130 = 13,000 Lumens ⁽¹⁰⁾ 150 = 15,000 Lumens ⁽¹⁰⁾	90=90 CRI Minimum 97=97 CRI Minimum	90 CRI 24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K	97 CRI 27=2700K 30=3000K

		Specify from Driver column. Information below for reference only.
Voltage	Driver	Remote driver & magnetic plug in driver
Blank = 120-277V 1 = 120V Specify as noted in driver section 2 = 277V Specify as noted in driver section 3 = 347V (integral driver with D010 800-4000 lumens) all other integral drivers include step down transformer	D010 = 0-10V 1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens for integral driver	250-7000, with remote driver specify voltage for 3500 & above
	D010TR =0-10V or (120V) phase cut 1% dimming 250-13,000 lumens with integral driver Specify voltage with 5000-9000 lumens, offered in 5000-9000 & 13,000 lumens	250-4500, with remote driver specify voltage for 2500 & above
	DE010 = 0-10V linear 0.1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens	500-7000, with remote driver specify voltage for 3500 & above
	D5LT = DALI T6 Logarithmic 0.1% Dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens	500-7000, with remote driver specify voltage for 3500 & above
	DMX = DMX/RDM Logarithmic 0.1% Dimming 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽¹⁴⁾	800-4500, with remote driver specify voltage for 3500 & above
	DMXC5 = DMX/RDM Logarithmic 0.1% Dimming with RJ45 connection 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽¹⁴⁾	800-4500, with remote driver specify voltage for 3500 & above
	DLE = Lutron Ecosystem dimming 1-100% 800-7500 lumens with integral driver Specify voltage with 4000 lumens and above	800-3500, with remote driver specify voltage for 3500 & above
	DLV = Low voltage dimming 1-100% for use with DLVP system, 800-3000 lumens ⁽⁹⁾	800-3000 (Remote driver only)

Driver Options	
Blank = Integral driver RC100 = Remote 100ft ^{(9) (32)} RC75 = Remote 75ft ^{(9) (32)} RC50 = Remote 50ft ^{(9) (32)}	RC25 = Remote 25ft ⁽⁹⁾ RC15 = Remote 15ft ⁽⁹⁾ RC5 = Remote 5ft ⁽⁹⁾ RC2 = Remote 2ft ⁽⁹⁾ PD = Magnetic Plug in Driver

Trim Distribution ⁽⁵⁾	Trim Flange	Trim Finish	Options ^{(3) (15) (30)}
N =Narrow, Spun Aluminum ⁽²⁶⁾ M =50° Cutoff, Medium Beam Reflector, Spun Aluminum MD =45° Cutoff, Medium Beam Reflector, Spun Aluminum W =Wide, Spun Aluminum S =Shallow, Spun Aluminum HY =Hyperbolic medium beam ^{(26) (29)} PS =Non-Conductive Shallow, Injection Molded white ^{(11) (12)} CS =Cast Shallow, Die Cast Aluminum BA =Spun Aluminum Baffle ⁽⁷⁾ Wall Wash SWN = Single Wall Wash, Spun Aluminum ⁽²³⁾ DWN = Double Wall Wash, Spun Aluminum ⁽²³⁾ CW = Corner Wall Wash, Spun Aluminum ⁽²³⁾ MDSW =45° Cutoff, Single Wall Wash, Spun Aluminum MDDW = 45° Cutoff, Double Wall Wash, Spun Aluminum LSWW = Lensed Single wall wash, Spun Aluminum LDWW = Lensed Double wall wash, Spun Aluminum	0 =White Polymer Trim Ring 1 =Self-flanged ⁽¹³⁾ 2 =White Painted Self-flanged	LI =Specular Clear ⁽⁹⁾ H =Semi-Specular Clear ⁽⁹⁾ WMH =Warm Haze ⁽⁹⁾ WH =Wheat ⁽⁹⁾ GPH =Graphite Haze ⁽⁹⁾ B =Specular Black ⁽⁹⁾ MW =Matte White (Antimicrobial) MB =Matte Black ⁽⁹⁾ MMS =Matte Metallic Silver ⁽⁹⁾	EMB0D =Bodine® Emergency Module with Remote Test Switch ⁽²⁵⁾ EMB0D6ST =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 EM14RSD =14W Self Diagnostic Replaceable Emergency Battery Pack with Integral Test Switch EMB0D7ST =Bodine® Self Test Emergency Module ⁽²⁵⁾ IEMB0D6ST =Bodine® 6W Self Test Emergency Module with Integral Test Switch ⁽³⁷⁾ EMV7 =7W Low Voltage Emergency Module with Remote Test Switch ⁽⁴⁾ EMV14 =14W Low Voltage Emergency Module with Remote Test Switch ⁽⁴⁾ ETRD =Emergency transfer device ⁽³¹⁾ WPST = Factory installed WaveLinX PRO Sensor Kit ^{(15) (18)} WLST = Factory installed WaveLinX LITE Sensor Kit ^{(15) (17)} WPN = WaveLinX PRO Wireless Node without sensor ^{(33) (36)} WLN = WaveLinX LITE Wireless Node without sensor ^{(35) (36)}

Continued on next page.

Single Line Order Information

Accessories (Sold separately) ⁽²²⁾		
TRM6P =White Metal Trim Ring ⁽²⁾ LGSKT6IP66 =IP66 Gasket Kit DT6RF =Deco Trim Ring Frosted ⁽²⁸⁾ ABR8P =Adapter Ring for 8-9/16" max opening - 9-1/4" OD (installed on retrofit ring). Use with LDRT6B as adapter ring (recommend using with self flange).	Connected Lighting Systems ^{(3) (15)} WPST = Field installed WaveLinX PRO Sensor Kit ⁽¹⁷⁾ WLST = Field installed WaveLinX LITE Sensor Kit ⁽¹⁸⁾	Transformers H347 =H347 for 90/97CRI 5500 lumens and below; 98CRI 4000 lumens and below; D2W 4500 lumens and below; W2N 4000 lumens and below

- Notes:**

 - 1. Nominal Lumens will vary depending on selected color, CRI, driver and reflector finish. Reference [Multiplier tables](#).
 - 2. Order trim with polymer trim ring.
 - 3. Not available with Chicago Plenum.
 - 4. ULus listed only
 - 5. Beam angles are nominal with LI finish trims.
 - 6. Available with remote driver only.
 - 7. Only available with Matte White and Matte Black Finishes.
 - 8. Available only on CS distributions.
 - 9. Not available on PS, CS or BA distributions.
 - 10. Product is marked spacing. [Reference table on page 4](#).
 - 11. PS available in self-flanged MW finish only.
 - 12. Offered up to 2000 lumens
 - 13. Flange is the same finish as the reflector
 - 14. DMX fixtures default to full on upon loss of DMX signal.
 - 15. Refer to system specifications for additional information/features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.
- 16. Non-IC
 - 17. WLST = WaveLinX LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX LITE system specifications)
 - 18. WPST = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
 - 20. Not required for W2N and D2W.
 - 21. Limited to 1000 lumens with remote driver
 - 22. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
 - 23. For use with LDRT67C only
 - 25. Not available for W2N or 6500-7000 lumens with 90 and 97 CRI
 - 26. Offered up to 7000 lumens
 - 27. Not available with 5500, 6500, 7500.
 - 28. Order with self flanged trim.
 - 29. Offered with DLVP up to 3000 lumens for 90 and 97 CRI and 2000 lumens with 98 CRI.
 - 30. 120V-277V
 - 31. Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others)
- 32. Not available with Lutron drivers
 - 33. WPN = WaveLinX PRO wireless node provides luminairelevel 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.
 - 35. 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.
 - 36. Not compatible with 347V or Chicago plenum.
 - 37. Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S). Required for use with all IEMBOD6ST, IEM7, IEM14,IEMV7 and IEMV14 housings. Not offered with remote driver.

Product Specifications

Lower Shielding Reflector

- Painted die-cast aluminum or spun aluminum lower reflector with lensed upper optical chamber provides superior lumen output with minimal source brightness
- Spun reflectors are available in all Portfolio anodized finishes
- Hyperbolic reflector provides minimal aperture brightness and glare.
- Available with non-conductive polymer reflector up to 2000 lumens

Wall Wash Reflector

- Open Wall Wash** - wall wash reflector with gradient kicker offered in single, double and corner wall wash provides even vertical illumination with minimal source brightness.
- Rotatable Lensed Wall Wash** - Rotatable Lensed wall wash reflector offered in single and double wall wash provides even vertical illumination with minimal source brightness.

Trim Retention

- Two torsion springs hold reflector flange tightly to the finished ceiling surface

Plaster Frame/Collar

- Die-cast aluminum 1 1/2" deep collar
- Accommodates up to 2" ceiling thickness

Plaster Ring

- Galvanized steel ring installs with 2 mouse trap springs for secure installation and accommodates up to 2 inch ceiling thickness.
- Retrofit - Converts existing HID, incandescent or compact fluorescent downlights to energy saving LED.
- Simple below ceiling installation without removing the existing fixture. Pre-wired flexible conduit with snap in connector installs into 1/2" knockout on the existing junction box.
- LDRT6B includes oversize adapter ring for larger openings

Thermal

- Aluminum heat sink conducts heat away from the LED module for improved 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/0-10V, <1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem
- Driver can be serviced from above or through the aperture
- Distributed low voltage power system combines power, lighting, and controls with ease of installation.
- Optional magnetically guided snap in driver for ease of maintenance.

Emergency Option

- Provides 90 minutes of standby lighting, meeting most life safety codes for egress lighting
- Available with remote charge indicator and test switch
- Available Self-Test (self-diagnostic) with remote charge indicator and test switch
- Emergency Transfer Relay Device bypasses local control during a power outage
- UL 924 listed

Connected Lighting System

Two WaveLinX connected solutions to choose from. Refer to WaveLinX system specifications and application guides for details.

WaveLinX PRO Tilemount Sensor Kit

- WaveLinX PRO WPST tilemount sensor kit offers daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

WaveLinX PRO Wireless Node

- WaveLinX PRO WPN wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

WaveLinX LITE Tilemount Sensor Kit

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

WaveLinX LITE Wireless Node

- WaveLinX LITE WLN wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

WaveLinX Tilemount 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.
- Note: WaveLinX PRO devices are only compatible with the WaveLinX PRO system.**
- Note: WaveLinX LITE devices are only compatible with the WaveLinX LITE system.**

Code Compliance

- Thermally protected
- cULus Certified to UL 1598 / C22.2 No. 250.0 suitable for wet locations with downlight and lens wall wash; damp location with open wall wash with covered ceiling
- IP66 rated when used with IP66 gasket kit accessory
- Use IP66 gasket with non conductive reflector for steam room applications up to 2000 lumens and 40°C.
- Optional City of Chicago environmental air (CCEA) marking for plenum applications
- FCC CFR Title 47 Part 15 Class B at 120VAC and Class A at 277VAC
- Insulated ceiling (IC) rated up to 1,500 lumens (90 and 97CRI). All others are non-IC rated (insulation must be kept 3" from top and sides of housing).
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting*
- RoHS compliant*
- Photometric testing completed in accordance with IES LM-79
- LED life testing completed in accordance with IES LM-80-08 and TM-21-11 standards
- See table on page 3 for marked spacing requirements.

Warranty

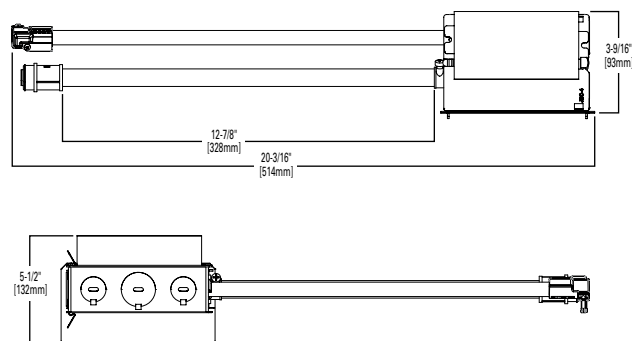
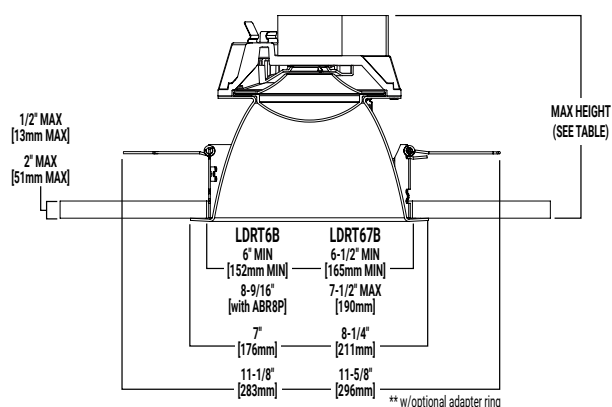
- Five year warranty www.cooperlighting.com/legal

Marked Spacing

6-inch Marked spacing for 90 and 97 CRI			
Lumens	Center to Center of Adjacent Luminaire (inches)	Center Luminaire to Building Side Member (inches)	Minimum Overhead Height (inches)
4500-6000	36	18	6
6500-15,000	36	18	8

Dimensional and Mounting Details

LDRT6C



Emergency Option

Trim with E option

Trim with EM6 option



CATALOG #	INSIDE DIAMETER [IN]	MAX HEIGHT				
		250-2500 LUMENS	3000-4000 LUMENS	1000-1500IC LUMENS (90/97CRI) 4500-6000 LUMENS (90/97CRI)	6500-7000 LUMENS (90/97CRI) 4000-8000 LUMENS (90/97CRI)	9000-15000 LUMENS (90/97CRI)
6LBN	5.54	5.7	5.9	6.1	7.1	9.1
6LBM	5.54	5.7	5.9	6.1	7.1	9.1
6LBW	5.56	4.8	5	5.2	6.2	8.2
6LBBA	5.56	5.7	5.9	6.1	7.1	9.1
6LBMD	5.55	6.7	6.9	7	8	10
6LBHY	5.68	5.9	6	6.2	7.2	9.2
6LBS	5.62	3.5	3.5	3.7	4.7	6.7
6LBPS	5.66	3.5	3.5	3.7	4.7	6.7
6LBCS	5.66	3.5	3.5	3.7	4.7	6.7
6LB SWN	5.56	4.8	5	5.2	6.2	8.2
6LB DWN	5.56	4.8	5	5.2	6.2	8.2
6LBCW	5.14	4.9	5.1	5.3	6.3	8.3
6LBLSWW	5.56	4.8	5	5.2	6.2	8.2
6BLDWW	5.56	4.8	5	5.2	6.2	8.2

Energy and Performance Data

D010 DRIVER ENERGY DATA

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

Series	2500 lumen		3000 lumen		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	5500 lumen		6000 lumen		6500 lumen		7000 lumen		7500 lumen		8000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.526	0.231	0.542	0.256	0.572	0.266	0.632	0.292	0.668	0.306	0.734	0.332
Input Power (W)	62.97	61.97	64.88	65.7	68.35	69.02	75.56	75.85	79.89	80.09	88.01	87.81
In-rush (A)	5.1	23.1	6.2	27.5	6.3	28.4	6.4	29.1	6.4	28.7	6.3	29.7
Inrush duration (μs)	217	138	188	101	189	92	187	90	185	100	187	123
THDi (%)	9.42	7.16	4.33	11.86	4.38	11.33	4.84	10.32	4.46	9.85	3.92	8.92
PF	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.93	≥ 0.99	≥ 0.93	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.95

Series	9000 lumen		10000 lumen		11000 lumen		12000 lumen		13000 lumen		15000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.842	0.374	0.961	0.416	1.09	0.49	1.192	0.512	1.263	0.561	1.446	0.624
Input Power (W)	101.12	99.88	114.86	113.66	130.27	127.6	142.59	140.17	151.68	149.82	172.29	170.51
In-rush (A)	12.9	28.6	11.4	40.3	11.5	40.2	11.5	41.2	19.2	43.1	17.2	40.4
Inrush duration (μs)	170	97	248	124	233	118	246	114	170	97	240	125
THDi (%)	5.74	9.28	7.42	8.55	6.08	13.13	5.7	7.3	5.74	7.58	5.86	8.56
PF	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.98	≥ 0.99	≥ 0.9	≥ 0.99	≥ 0.99	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.98

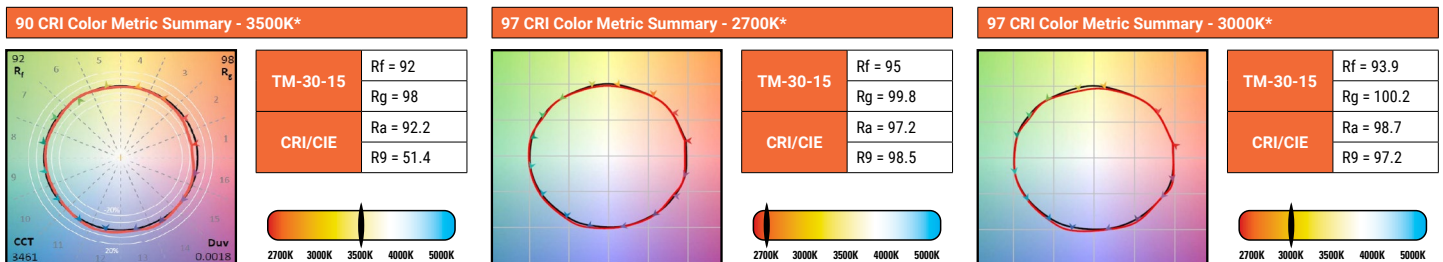
Minimum starting temperature -30°C (-22°F)*
(Nominal input 120-277VAC & 100% of rated output power)

Sound Rating: Class A standards

Notes:

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

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



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

LDRT6C

Manufacturer	Series	Nom. Size	Housing Aperture	Housing Catalog #	Ceiling Aperture	Retrofit Kit	Oversize Adapter Ring
Cooper	Portfolio	6	6.000	C6, MD6, H760, HD6, LD6	6" MIN 6-7/16" MAX	LDRT6C	None
	PDS	6	6.000	PD6			
Philips	Omega	6	6.250	OM6			
	Lightolier Calculite	6	6.313	S6, C6, B600			
	Capri	6	6.438	CM6			
Cooper	Portfolio	7	7.700	C7, HD7, MD7	6" MIN 8-9/16" MAX	LDRT6C	ABR8 (Accessory)
Juno	Indy Performance Series (Elate)	8	7.813	A8, C8, M8			
		8	7.813	CH8 and CV8			
		8	8.188	MX8 and TC908			
Lithonia	Gotham	8	8.438	AF and LG			
	Gotham	8	8.563	GRSF			
Philips	Omega	8	8.563	OM8			
Lithonia	Commercial	8	8.563	LF8, LP8			

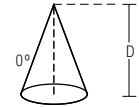
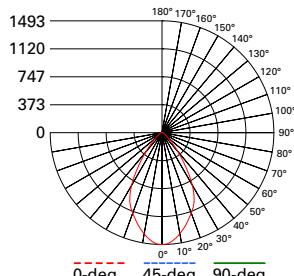
LDRT67C

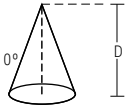
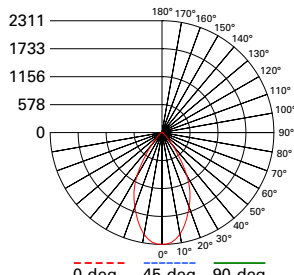
Manufacturer	Series	Nom. Size	Housing Aperture	Housing Catalog #	Ceiling Aperture	Retrofit Kit	Oversize Adapter Ring
Juno	Indy Performance Series (Elate)	6	6.563	A6, C6, M6	6-1/2" MIN 7-5/8" MAX	LDRT67C	ABR7 (included)
Juno		6	6.563	CH6, CV6, MX6, TC906			
Lithonia	Commercial	6	6.750	LF6, LP6			
Philips	Lightolier Lytecaster	6	6.750	1102			
Lithonia	Gotham	6	6.750	AF and LG			
Cooper	Portfolio CFL (New)	6	6.750	CD6			
Cooper	Halo	7	6.875	M700, H600, H803E			
Cooper	Halo Commercial	6	7.125	PD6 (New)			
Philips	Lightolier Calculite	7	7.500	S7 and CS7			
Cooper	PDS	7	7.625	GRSF			

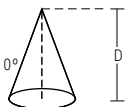
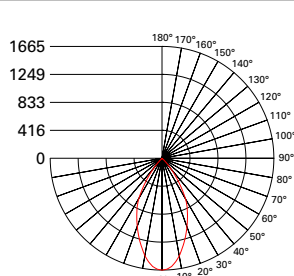
Note: Retrofit kit includes oversize trim ring.

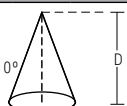
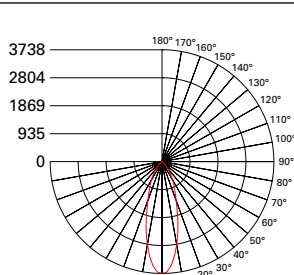
Photometric Data

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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	LDRT6C20D010			<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	EU6C10259035					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					35	539	90-180	0	0	75	1377																								
SC	0.94					45	177	0-180	1509	100	85	0																								
UGR	12.5					55	54																													
						65	19																													
						75	6																													
						85	0																													
						90	0																													

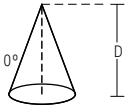
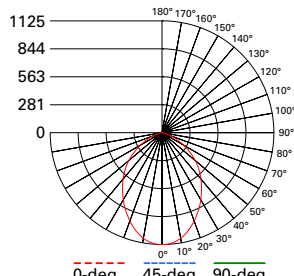
MEDIUM 55° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571659	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Canдела Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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	EU6C10259035					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					35	591	90-180	0	0	75	508																								
SC	0.85					45	104	0-180	1847	100	85	0																								
UGR	1.3					55	9																													
						65	5																													
						75	2																													
						85	0																													
						90	0																													

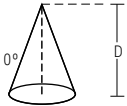
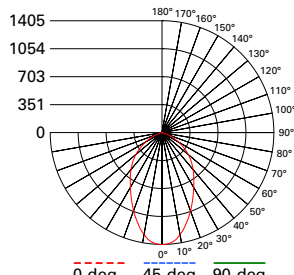
NARROW 55° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571660	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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	EU6C10259035					5	1618	0-40	1191	91.7	45	6977																								
Trim	6LBNH					15	1282	0-60	1289	99.2	55	2045																								
Lumens	1299					25	893	0-90	1299	100	65	921																								
Efficacy	59.6 Lm/W					35	438	90-180	0	0	75	508																								
SC	0.78					45	90	0-180	1299	100	85	0																								
UGR	6.9					55	21																													
						65	7																													
						75	2																													
						85	0																													
						90	0																													

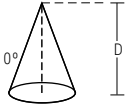
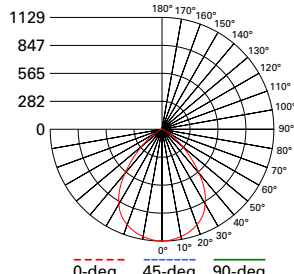
NARROW 30° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571661	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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	EU6C10259035					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					35	412	90-180	0	0	75	0																								
SC	0.53					45	59	0-180	1642	100	85	0																								
UGR	0					55	5																													
						65	2																													
						75	0																													
						85	0																													
						90	0																													

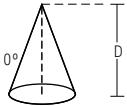
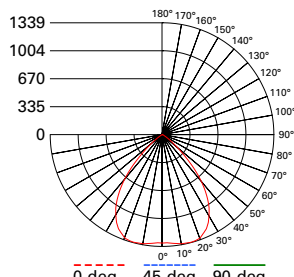
Photometric Data

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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	LDRT6C20D010			<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					55	343																													
						65	168																													
						75	40																													
						85	0																													
						90	0																													

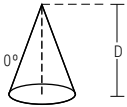
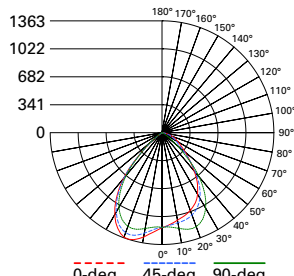
SHALLOW 70° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571663	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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					55	338																													
						65	163																													
						75	38																													
						85	0																													
						90	0																													

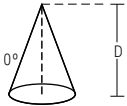
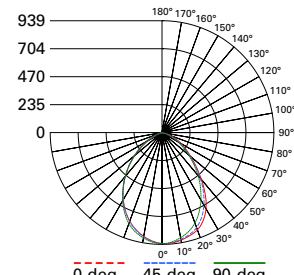
WIDE 80° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571664	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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					55	149																													
						65	40																													
						75	12																													
						85	2																													
						90	0																													

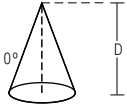
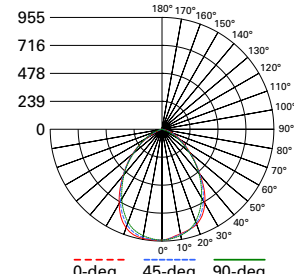
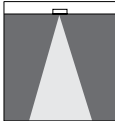
WIDE 80° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571665	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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																													

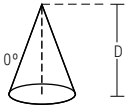
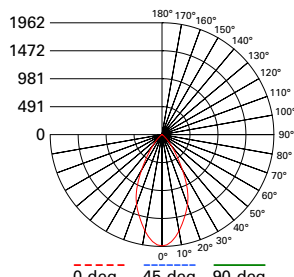
Photometric Data

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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° Luminescence																								
Housing	LDRT6C20D010			<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	0	1155	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																																	
Module	EU6C10259035					5	1121	0-40	1515	71.7	45	36399																								
Trim	6LBSWNLI					15	1048	0-60	2008	95.1	55	26819																								
Lumens	2112					25	949	0-90	2112	100	65	23491																								
Efficacy	96.9 Lm/W					35	746	90-180	0	0	75	17305																								
SC	1.29					45	470	0-180	2112	100	85	11133																								
UGR	25.8					55	281																													
						65	181																													
						75	82																													
						85	18																													
						90	0																													

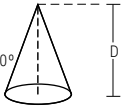
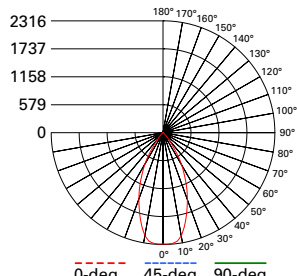
LENSED WALL WASH (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571667	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence																								
Housing	LDRT6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>58.6</td><td>4.4</td><td>4.2</td></tr><tr><td>7'</td><td>19.1</td><td>7.8</td><td>7.4</td></tr><tr><td>9'</td><td>11.6</td><td>10.1</td><td>9.6</td></tr><tr><td>13'</td><td>5.5</td><td>14.5</td><td>14</td></tr><tr><td>16'</td><td>3.7</td><td>17.9</td><td>17.2</td></tr></table>		D	FC	L	W	4'	58.6	4.4	4.2	7'	19.1	7.8	7.4	9'	11.6	10.1	9.6	13'	5.5	14.5	14	16'	3.7	17.9	17.2	0	937	0-30	682	40	37	40857
D	FC	L	W																																	
4'	58.6	4.4	4.2																																	
7'	19.1	7.8	7.4																																	
9'	11.6	10.1	9.6																																	
13'	5.5	14.5	14																																	
16'	3.7	17.9	17.2																																	
Module	EU6C10259035					5	936	0-40	1049	61.6	45	32321																								
Trim	6LBLSWWH					15	902	0-60	1561	91.6	55	24315																								
Lumens	1704					25	824	0-90	1704	100	65	18705																								
Efficacy	78.2 Lm/W					35	642	90-180	0	0	75	12878																								
SC	1.08					45	417	0-180	1704	100	85	3585																								
UGR	25					55	254																													
						65	144																													
						75	61																													
						85	6																													
						90	0																													

LENSED WALL WASH (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571668	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence																								
Housing	LDRT6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>59.6</td><td>4.6</td><td>4.2</td></tr><tr><td>7'</td><td>19.5</td><td>8</td><td>7.6</td></tr><tr><td>9'</td><td>11.8</td><td>10.3</td><td>9.8</td></tr><tr><td>13'</td><td>5.6</td><td>14.9</td><td>14.2</td></tr><tr><td>16'</td><td>3.7</td><td>18.5</td><td>17.4</td></tr></table>		D	FC	L	W	4'	59.6	4.6	4.2	7'	19.5	8	7.6	9'	11.8	10.3	9.8	13'	5.6	14.9	14.2	16'	3.7	18.5	17.4	0	953	0-30	712	40.6	37	40426
D	FC	L	W																																	
4'	59.6	4.6	4.2																																	
7'	19.5	8	7.6																																	
9'	11.8	10.3	9.8																																	
13'	5.6	14.9	14.2																																	
16'	3.7	18.5	17.4																																	
Module	EU6C10259035					5	936	0-40	1094	62.4	45	31833																								
Trim	6LBLSWWLI					15	896	0-60	1620	92.4	55	23961																								
Lumens	1753					25	822	0-90	1753	100	65	18497																								
Efficacy	80.4 Lm/W					35	638	90-180	0	0	75	12942																								
SC	1.1					45	411	0-180	1753	100	85	3585																								
UGR	24.8					55	251																													
						65	143																													
						75	61																													
						85	6																													
						90	0																													

MEDIUM BEAM 45° CUTOFF 50° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571669	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence																								
Housing	LDRT6C20D010			<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	EU6C10259035					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																													

Photometric Data

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MEDIUM BEAM 45° CUTOFF 50° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571670	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LDRT6C20D010			<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	EU6C10259035					15	1837	0-40	1486	95.9	45	5032																								
Trim	6LBMDLI					25	1109	0-60	1546	99.8	55	535																								
Lumens	1549					35	371	0-90	1549	100	65	259																								
Efficacy	71.1 Lm/W					45	65	90-180	0	0	75	169																								
SC	0.76					55	6	0-180	1549	100	85	0																								
UGR	0					65	2																													
						75	1																													
						85	0																													
						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
0.17	0.33	0.44	0.51	0.78	1.00	1.26	1.48	1.74
4000 Lumen	4500 Lumen	5000 Lumen	5500 Lumen	6000 Lumen	6500 Lumen	7000 Lumen	7500 Lumen	8000 Lumen
2.02	2.34	2.65	2.96	3.20	3.35	3.52	4.14	4.47
9000 Lumen	10000 Lumen	11000 Lumen	12000 Lumen	13000 Lumen				
4.76	5.09	5.87	6.33	6.96				

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.

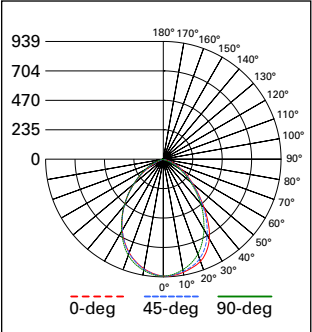
Color Finish Multipliers

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

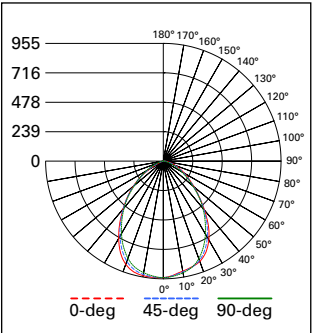
Multipliers for relative lumen values with other color finishes.

Photometric Data

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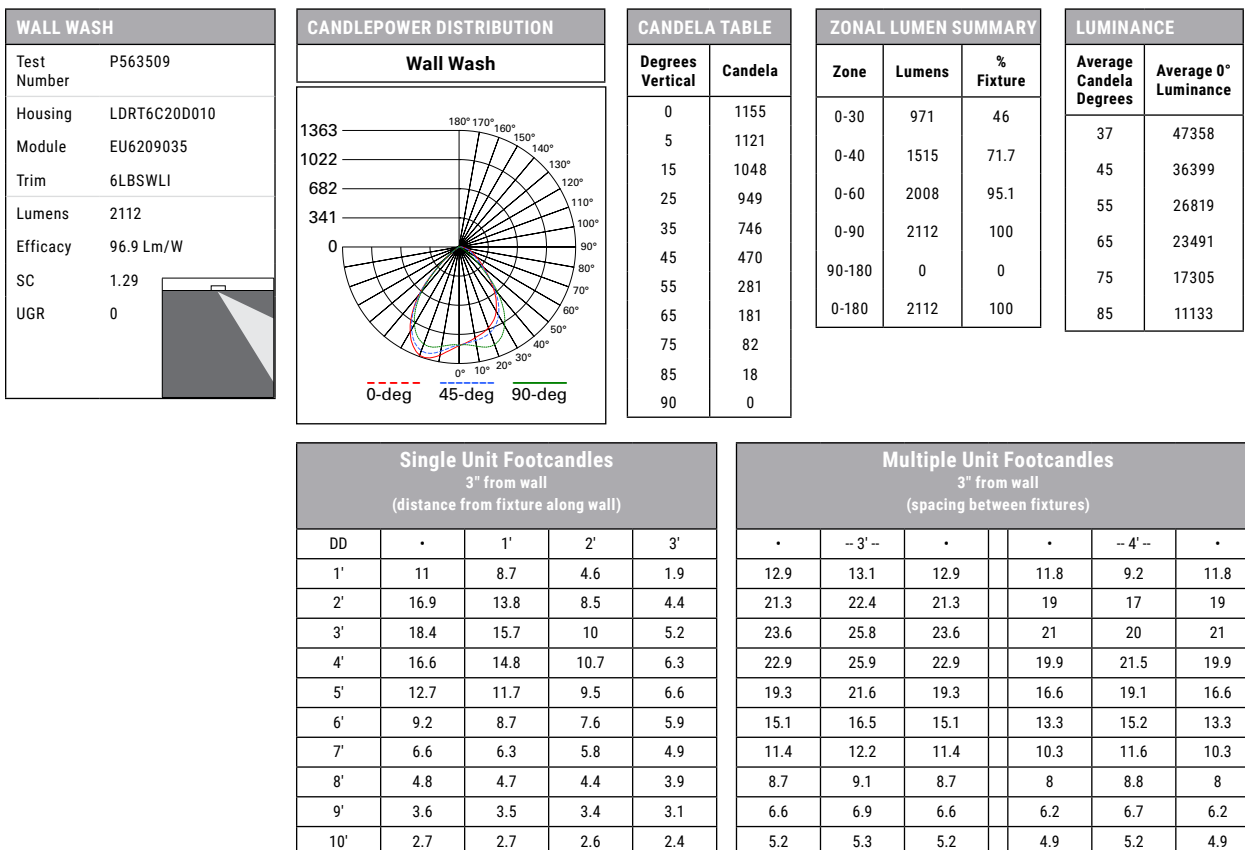
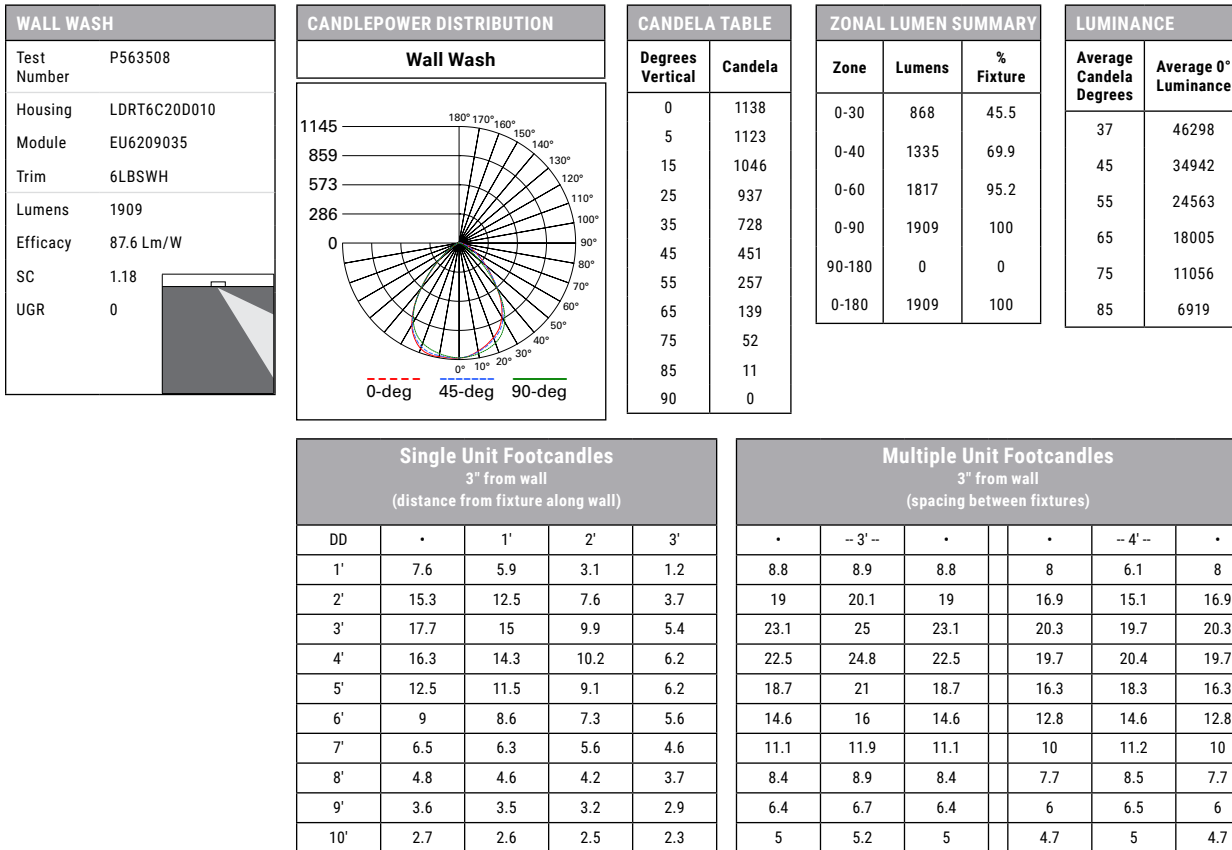
WALL WASH		CANDLEPOWER DISTRIBUTION		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P563510	Wall Wash		Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LDRT6C20D010			0	937	0-30	682	40	37	40857
Module	EU6209035			5	936	0-40	1049	61.6	45	32321
Trim	6LBLWWH			15	902	0-60	1561	91.6	55	24315
Lumens	1704			25	824	0-90	1704	100	65	18705
Efficacy	78.2 Lm/W			35	642	90-180	0	0	75	12878
SC	1.08			45	417	0-180	1704	100	85	3585
UGR	0			55	254					
				65	144					
				75	61					
				85	6					
				90	0					

Single Unit Footcandles 3" from wall (distance from fixture along wall)						Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
DD	•	1'	2'	3'		•	-- 3' --	•	•	-- 4' --	•
1'	8.3	6.4	3.3	1.3		9.6	9.5	9.6	8.8	6.5	8.8
2'	15.2	12.5	7.5	3.8		19.1	20.1	19.1	17.1	15.1	17.1
3'	16.4	14	9.2	5.3		21.6	23.3	21.6	19.2	18.4	19.2
4'	14.4	12.7	9.1	5.7		20	21.9	20	17.7	18.1	17.7
5'	11	10.1	7.8	5.3		16.4	18.1	16.4	14.4	15.6	14.4
6'	8	7.5	6.2	4.6		12.6	13.8	12.6	11.2	12.4	11.2
7'	5.7	5.5	4.7	3.8		9.5	10.3	9.5	8.5	9.5	8.5
8'	4.2	4	3.6	3		7.2	7.7	7.2	6.6	7.2	6.6
9'	3.1	3	2.8	2.4		5.5	5.9	5.5	5.1	5.6	5.1
10'	2.4	2.3	2.2	1.9		4.3	4.5	4.3	4	4.3	4

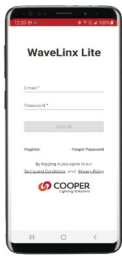
WALL WASH		CANDLEPOWER DISTRIBUTION		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P563511	Wall Wash		Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LDRT6C20D010			0	953	0-30	712	40.6	37	40426
Module	EU6209035			5	936	0-40	1094	62.4	45	31833
Trim	6LBLWWLI			15	896	0-60	1620	92.4	55	23961
Lumens	1753			25	822	0-90	1753	100	65	18497
Efficacy	80.4 Lm/W			35	638	90-180	0	0	75	12942
SC	1.1			45	411	0-180	1753	100	85	3585
UGR	0			55	251					
				65	143					
				75	61					
				85	6					
				90	0					

Single Unit Footcandles 3" from wall (distance from fixture along wall)						Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
DD	•	1'	2'	3'		•	-- 3' --	•	•	-- 4' --	•
1'	8.3	6.4	3.2	1.3		9.5	9.5	9.5	8.7	6.4	8.7
2'	15.1	12.5	7.5	3.8		18.9	20	18.9	16.9	15.1	16.9
3'	16.1	13.9	9.2	5.3		21.4	23.2	21.4	19	18.4	19
4'	14.2	12.6	9.1	5.7		19.9	21.9	19.9	17.6	18.1	17.6
5'	10.9	10	7.8	5.4		16.3	18	16.3	14.4	15.6	14.4
6'	7.9	7.5	6.2	4.6		12.6	13.8	12.6	11.2	12.4	11.2
7'	5.7	5.5	4.8	3.8		9.5	10.3	9.5	8.5	9.5	8.5
8'	4.2	4	3.6	3		7.2	7.7	7.2	6.6	7.3	6.6
9'	3.1	3	2.8	2.4		5.5	5.9	5.5	5.1	5.6	5.1
10'	2.3	2.3	2.2	1.9		4.3	4.5	4.3	4	4.3	4

Photometric Data

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Connected Systems



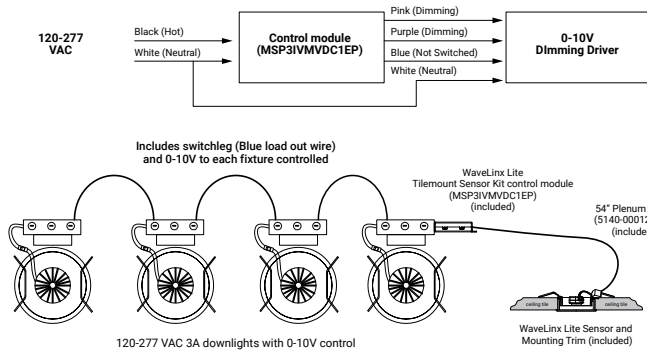
WaveLinX LITE - WLST Tilemount Sensor

WaveLinX LITE devices only compatible with the WaveLinX LITE system.

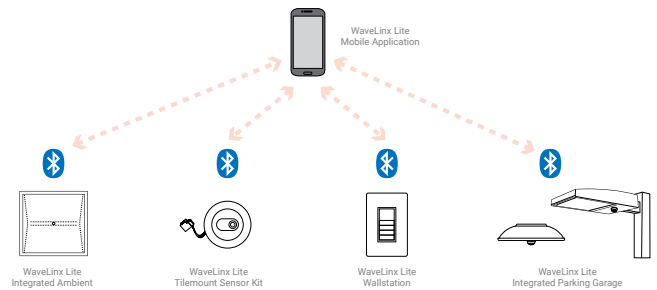
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic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



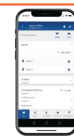
WaveLinX LITE Bluetooth Enabled System



WaveLinX PRO Wireless – WPST Tilemount Sensor

WaveLinX PRO devices only compatible with the WaveLinX PRO system.

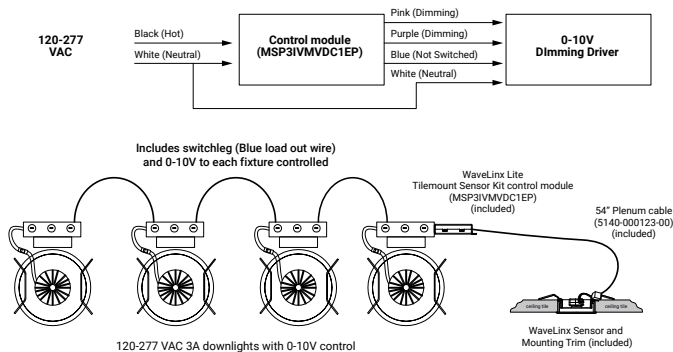
- WaveLinX PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



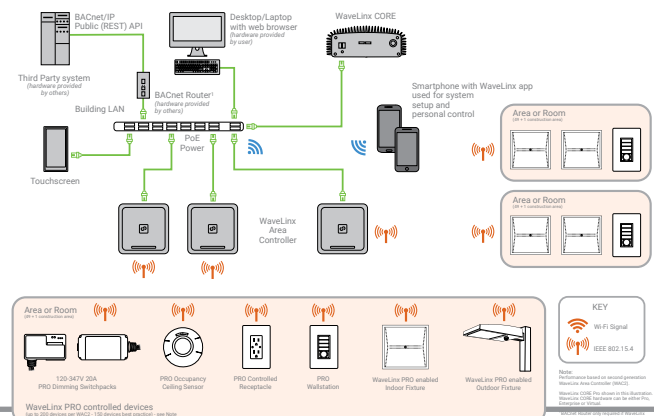
WaveLinX mobile app settings



WaveLinX PRO WPST Tilemount Wiring Diagram



WaveLinX CORE Building Management Integration



Connected Solutions



WaveLinX LITE Wireless Node - WLN

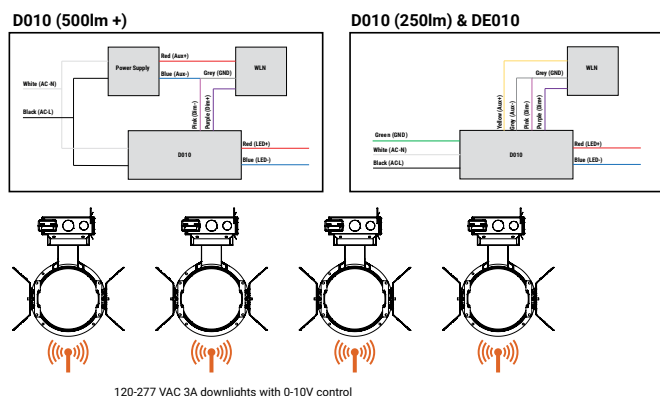
WaveLinX LITE devices only compatible with the WaveLinX LITE system.

- 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

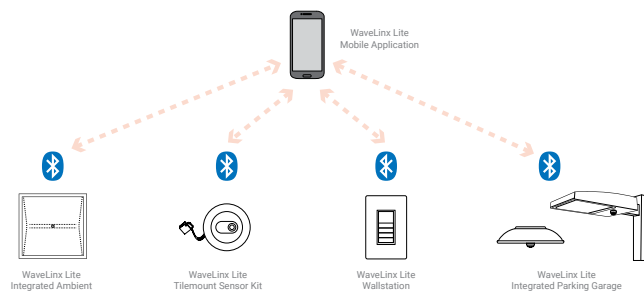
WaveLinX mobile app settings



WaveLinX LITE Wireless Node (WLN) Wiring Diagram



WaveLinX LITE Bluetooth Enabled System



WaveLinX PRO Wireless Node - WPN

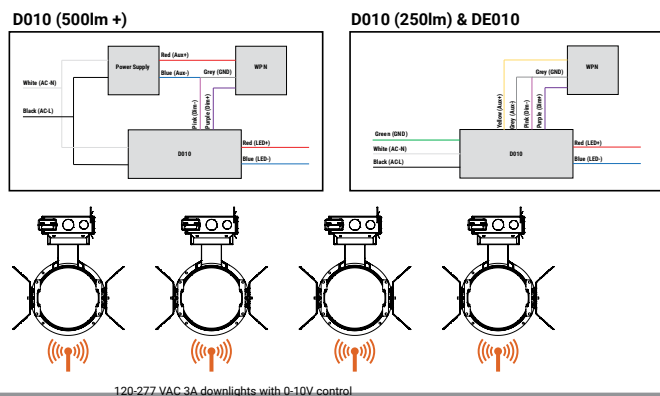
WaveLinX PRO devices only compatible with the WaveLinX PRO system.

- 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

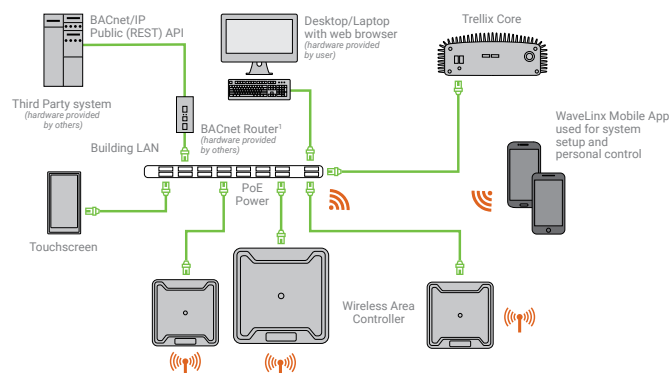
WaveLinX mobile app settings



WaveLinX PRO Wireless Node (WPN) Wiring Diagram



WaveLinX CORE Building Management Integration



Multi-line Order Information

SAMPLE ORDER NUMBER: **LDRT6C10D010TREM14**

Invoice will indicate separate fixture components (housing, trim, module) and may ship from multiple CLS facilities in separate cartons.

Single line Ordering
Information Option

Domestic Preferences ⁽¹⁾	Housing	Lumens ⁽²⁾			
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	LDRT6C =LED Downlight Retrofit for 6" to 6-7/16" or 8-9/16" with ABR8P openings LDRT6CCP =LED Downlight Retrofit for 6" to 6-7/16" or 8-9/16" with ABR8P openings, Chicago Plenum LDRT67C =LED Downlight Retrofit for 6-1/2" to 7-1/2" openings ⁽²¹⁾ LDRT67CCP =LED Downlight Retrofit for 6-1/2" to 7-1/2" openings, Chicago Plenum ⁽²¹⁾	02 =250 lumens	25 =2500 lumens	55 =5500 lumens ⁽³⁾	90 =9000 Lumens ⁽³⁾
		05 =500 lumens	30 =3000 lumens	60 =6000 lumens ⁽³⁾	100 =10,000 Lumens ⁽³⁾
		08 =800 lumens	35 =3500 lumens	65 =6500 lumens ⁽³⁾	110 =11,000 Lumens ⁽³⁾
		10 =1000 lumens	40 =4000 lumens	70 =7000 lumens ⁽³⁾	120 =12,000 Lumens ⁽³⁾
		15 =1500 lumens	45 =4500 lumens ⁽³⁾	75 =7500 lumens ⁽³⁾	130 =13,000 Lumens ⁽³⁾
		20 =2000 lumens	50 =5000 lumens ⁽³⁾	80 =8000 Lumens ⁽³⁾	150 =15,000 Lumens ⁽³⁾

Voltage	Driver	Driver Options
Blank = 120-277V 1 = 120V Specify as noted in driver section 2 = 277V Specify as noted in driver section 3 = 347V (integral driver with D010 800-4000 lumens) all other integral drivers include step down transformer	D010 = 0-10V 1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above for integral driver D010W = Fixed, Wired 0-10V 1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above for integral driver (BAA only) 1 driver: 250-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000	Blank =Integral driver R =Remote driver (offered with single driver, order remote driver separately) ⁽⁶⁾ PD =Magnetic Plug in Driver (offered with single driver) ⁽⁶⁾
	D010TR =0-10V or (120V) phase cut 1% dimming 250-13,000 lumens with integral driver Specify voltage with 5000-9000 lumens, offered in 5000-9000 & 13,000 lumens 1 driver: 250-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000	
	DE010 = 0-10V linear 0.1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above 1 driver: 500-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000	
	D5LT = DALI T6 Logarithmic 0.1% Dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above 1 driver: 500-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000	
	DMX = DMX/RDM Logarithmic 0.1% Dimming 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽⁵⁾ 1 driver: 800-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000	
	DMXC5 = DMX/RDM Logarithmic 0.1% Dimming with RJ45 connection 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽⁵⁾ 1 driver: 800-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000	
	DLE = Lutron Ecosystem dimming 1-100% 800-7500 lumens with integral driver Specify voltage with 4000 lumens and above 1 driver: 800-3500 / 2 drivers: 4000-7500	
	DLV = Low voltage dimming 1-100% for use with DLVP system, 800-3000 lumens ⁽⁶⁾	

Driver Options	Options ⁽⁴⁾ ⁽²⁷⁾ ⁽²⁸⁾ ⁽³⁰⁾
Blank =Integral driver R =Remote driver (order remote driver separately) ⁽⁶⁾ PD =Plug in Driver ⁽⁶⁾	EMB0D =Bodine® Emergency Module with Remote Test Switch ⁽¹⁰⁾ EMB0D6ST =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 EMB0D7ST =Bodine® Self Test Emergency Module ⁽¹⁰⁾ IEMB0D6ST =Bodine® 6W Self Test Emergency Module with Integral Test Switch ⁽³⁷⁾ EMV7 =7W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ EMV14 =14W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ ETRD =Emergency transfer device ⁽²⁹⁾ WPST =Factory installed WaveLinX PRO Sensor Kit ⁽¹¹⁾ ⁽¹³⁾ WLST =Factory installed WaveLinX LITE Sensor Kit ⁽¹¹⁾ ⁽¹²⁾ WPN = WaveLinX PRO Wireless Node without sensor ⁽³¹⁾ ⁽³⁶⁾ WLN = WaveLinX LITE Wireless Node without sensor ⁽³⁵⁾ ⁽³⁶⁾

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Multi-line Order Information

SAMPLE ORDER NUMBER: EU6C10259035

Domestic Preferences ⁽¹⁾	Power Module	Lumen Levels ⁽²⁾	CRI ⁽²⁾	Color	
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	EU6C=6-inch Universal LED Module	For use with one driver 0208IC =250, 500, 800 lumens, IC Rated (for use with all drivers, min 500 lumen with DE010 and D5LT, min 800 lumens with DLVP, Lutron and DMX) 1025 = 1000, 1500, 2000, 2500 lumens 1015IC =1000, 1500 lumens IC Rated 3040 =3000, 3500, 4000 lumens (For use with Lutron 3000-3500, DLVP 3000 lumens, DMX, D010, D010TR, D5LT and DE010 3000-4000) 4560 =4500, 5000, 5500, 6000 lumens (For use with DMX and D010TR 4500 lumens, D010, D5LT and DE010 4500-6000) ⁽³⁾ 6570 =6500, 7000 lumens (For use with D010, D5LT and DE010) ⁽³⁾ For use with two drivers 4080 =4000, 4500, 5000, 5500, 6000, 6500, 7000, 75000, 8000 lumens (For use with Lutron 4000-7500, D010TR & DMX 5000-8000, D010, D5LT & DE010 7500-8000 lumen) ⁽³⁾ 90120 =9000, 10000, 11000, 12000 lumens (D010, D5LT, DE010 to 9000-12,000 lumens, DMX and D010TR 9000 lumens) ⁽³⁾ For use with three drivers 130150 =13,000, 15000 lumens (D010, DE010, D5LT, 13,000-15,000 lumens, D010TR and DMX 13,000 lumens) ⁽³⁾	90 =90 CRI Minimum 97 =97 CRI Minimum	90 CRI 24 =2400K 27 =2700K 30 =3000K 35 =3500K 40 =4000K 50 =5000K	97 CRI 27 =2700K 30 =3000K

SAMPLE ORDER NUMBER: 6LBM2H

Trim	Reflector	Flange	Finish	Options	
6LB=6-inch LED	N=Narrow, Spun Aluminum ⁽⁸⁾ M=50° Cutoff, Medium Beam Reflector, Spun Aluminum MD=45° Cutoff, Medium Beam Reflector, Spun Aluminum W=Wide, Spun Aluminum S=Shallow, Spun Aluminum HY=Hyperbolic medium beam ^{(8) (22)} PS=Non-Conductive Shallow, Injection Molded white ^{(16) (17)} CS=Cast Shallow, Die Cast Aluminum BA= Spun Aluminum Baffle ⁽¹⁴⁾	Wall Wash SWN=Single wall wash, spun aluminum DWN=Double wall wash, spun aluminum CW=Corner wall wash, spun aluminum MDSW=45° Cutoff, Single Wall Wash, Spun Aluminum MDDW= 45° Cutoff, Double Wall Wash, Spun Aluminum LSWW=Lensed single wall wash, spun aluminum LDWW=Lensed double wall wash, spun aluminum	0=White polymer trim ring 1=Self flanged ⁽¹⁸⁾ 2=White painted self flanged	LI=Specular Clear ⁽¹⁹⁾ H=Semi-Specular Clear ⁽¹⁹⁾ WMH=Warm Haze ⁽¹⁹⁾ WH=Wheat ⁽¹⁹⁾ GPH=Graphite Haze ⁽¹⁹⁾ B=Specular Black ⁽¹⁹⁾ MW=Matte White MB=Matte Black ⁽²⁰⁾ MMS=Matte Metallic Silver ⁽²⁰⁾	EM6=Integral Emergency Test Switch Hole ⁽³⁸⁾ For use with: • Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S).

REQUIRED if Remote Driver (R) is specified

SAMPLE ORDER NUMBER: RC10010D010TREM7

Domestic Preferences ⁽¹⁾	Remote Drivers	Lumens ^{(2) (14)}		
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	RC100 =Remote 100ft RC75 =Remote 75ft RC50 =Remote 50ft RC25 =Remote 25ft RC15 =Remote 15ft RC5 =Remote 5ft RC2 =Remote 2ft	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	50 =5000 lumens 55 =5500 lumens 60 =6000 lumens 65 =6500 lumens 70 =7000 lumens

Continued on next page.

Multi-line Order Information

Driver
D010 = 0-10V Dimming, 1% to 100%, 120V-277V, 500-3000 lumens 1D010 = 0-10V Dimming, 1% to 100%, 120V, 3500-7000 lumens 2D010 = 0-10V Dimming, 1% to 100%, 277V, 3500-7000 lumens 3D010 = 0-10V Dimming, 1% to 100%, 347V dedicated drivers for 800 to 3000 lumens; 500, 3500-7000 lumens use step down transformer
D010TR = 0-10V (120-277V) or line voltage (120V) dimming, 5-100%, 250- 3000 lumens 1D010TR = 0-10V or Line Voltage Dimming, 5% to 100%, 120V, 3500-4500 lumens 2D010TR = 0-10V Dimming, 5% to 100%, 277V, 3500-4500 lumens 3D010TR = 0-10V Dimming, 5% to 100% 347V step down transformer, 250-4500 lumens
DE010 = 0-10V Dimming, 0% to 100%, 120V-277V, 500-3000 lumens 1DE010 = 0-10V Dimming, 0% to 100%, 120V, 3500-7,000 lumens 2DE010 = 0-10V Dimming, 0% to 100%, 277V, 3500-7,000 lumens 3DE010 = 0-10V Dimming, 0% to 100%, 347V step down transformer, 500-7,000 lumens
D5LT = Fifth Light® (DALI T6) Logarithmic Dimming, 0% to 100%, 120V-277V, 500-3000 lumens 1D5LT = Fifth Light® (DALI T6) Logarithmic Dimming, 0% to 100%, 120V, 3500-7,000 lumens 2D5LT =Fifth Light® (DALI T6) Logarithmic Dimming, 0% to 100%, 277V, 3500-7,000 lumens 3D5LT =Fifth Light® (DALI T6) Logarithmic Dimming, 0% to 100% 347V step down transformer, 500-7,000 lumens
DMX = DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, 800-3000 lumens ⁽⁵⁾ 1DMX =DMX/RDM Logarithmic Dimming, 0% to 100%, 120V, 3500-4500 ⁽⁵⁾ 2DMX =DMX/RDM Logarithmic Dimming, 0% to 100%, 277V, 3500-4500 ⁽⁵⁾ 3DMX =DMX/RDM Logarithmic Dimming, 0% to 100%, 347V step down transformer, 800-4500 ⁽⁵⁾
DMXC5 = DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V up to 800-3000 lumens, RJ45 Connection ⁽⁵⁾ 1DMXC5 =DMX/RDM Logarithmic Dimming, 0% to 100%, 120V, 3500-4500 lumens, RJ45 Connection ⁽⁵⁾ 2DMXC5 =DMX/RDM Logarithmic Dimming, 0% to 100%, 277V, 3500-4500 lumens, RJ45 Connection ⁽⁵⁾ 3DMXCF =DMX/RDM Logarithmic Dimming, 0% to 100%, 347V step down transformer, 800-4500 lumens, RJ45 Connection ⁽⁵⁾
DLE = Lutron Ecosystem dimming 1% to 100%, 120V-277V, 25' Max remote length, 800-3000 lumens 1DLE =Lutron Ecosystem dimming 1% to 100%, 120V, 25' Max remote length, 3500 lumens 2DLE =Lutron Ecosystem dimming 1% to 100%, 277V, 25' Max remote length, 3500 lumens 3DLE =Lutron Ecosystem dimming 1% to 100%, 347V, step down transformer, 25' Max remote length, 800-3500 lumens
DLV = Low voltage dimming driver (1-100%) for use with DLVP system, 800-3000 lumens ⁽⁶⁾

Options ^{(6) (27) (28) (39)}	Controls
EMBOD =Bodine® Emergency Module with Remote Test Switch ⁽¹⁰⁾ 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 ⁽¹⁰⁾ EMV7 =7W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ EMV14 =14W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ ETRD =Emergency transfer device ⁽²⁹⁾ WPST =Factory installed WaveLinx PRO Sensor Kit ^{(11) (13)} WLST =Factory installed WaveLinx LITE Sensor Kit ^{(11) (12)} WPN = WaveLinx PRO Wireless Node without sensor ^{(31) (36)} WLN = WaveLinx LITE Wireless Node without sensor ^{(35) (36)}

Accessories (Order separately) ⁽²⁴⁾		
TRM6P =White Metal Trim Ring ⁽²⁵⁾ LGSKT6IP66 =IP66 Gasket Kit DT6RF =Deco Trim Ring Frosted ⁽²⁶⁾ ABR8P =Adapter Ring for 8-9/16" max opening - 9-1/4" OD (installed on retrofit ring). Use with LDRT6B as adapter ring (recommend using with self flange).	Connected Lighting Systems ^{(6) (11)} WPST = Field installed WaveLinx PRO Sensor Kit ⁽¹³⁾ WLST = Field installed WaveLinx LITE Sensor Kit ⁽¹²⁾	Transformers H347 =H347 for 90/97CRI 5500 lumens and below; 98CRI 4000 lumens and below; D2W 4500 lumens and below; W2N 4000 lumens and below

Notes:
1. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analysed under domestic preference requirements. Offered with spun aluminum narrow (N), medium (M) and wide (W) trims, and open wall wash (SWN and DWN).
2. Nominal Lumens will vary depending on selected color, CRI, driver and reflector finish. Reference [Multiplier tables](#).
3. Product is marked spacing. [Reference table on page 4 for the spacing details.](#)
5. DMX fixtures default to full on upon loss of DMX signal.
6. Not available with Chicago Plenum.
7. ULus listed only
8. Offered up to 7000 lumens for 90 and 97 CRI
- D010TR, DMX up to 4500 lumens for 90 and 97 CRI
- DLE, DL2 up to 3500 lumens for 90 and 97 CRI
10. Not available for W2N or 6500-7000 lumens.
11. Refer to system specifications for additional information,features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.

12. WLST = WaveLinx LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx LITE system specifications)
13. WPST = WaveLinx wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
14. Black or white paint.
15. Spun aluminum only
16. PS available in self-flanged MW finish only
17. Offered up to 2000 lumens
18. Flange is the same finish as the reflector
19. Anodized or spun reflectors
20. Die cast only
21. 8-9/16" requires ABR8 adapter ring
22. Offered with DLVP up to 3000 lumens for 90 and 97 CRI
23. Available with narrow (N), medium (M) and medium 45 degree (MD) Spun Aluminum trims. Required for use with all IEMBOD, IEM7, IEM14,IEMV7 and IEMV14 housings. Not offered with remote driver.
24. Accessories sold separately will be separately analyzed under domestic preference.
25. Order trim with polymer trim ring.

26. Order with self flanged trim.
27. If using remote driver order battery and controls with the remote driver.
28. 120V-277V
29. Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others).
30. Non-IC
31. WPN = WaveLinx PRO wireless node provides luminairelevel 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.
35. 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.Use with 0-10V driver only.
36. Not compatible with 347V or Chicago plenum.
37. Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S). Required for use with all IEMBOD6ST, IEM7, IEM14,IEMV7 and IEMV14 housings. Not offered with remote driver.
38. Required for use with IEMBOD6ST. Not offered with remote driver.