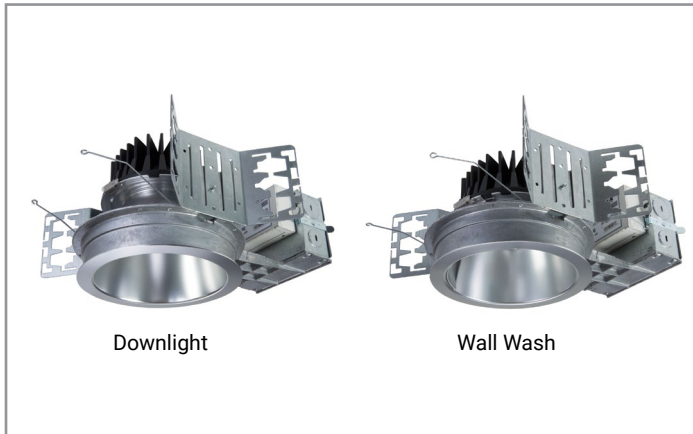


Project		Catalog #		Type	
Prepared by		Notes		Date	



## Portfolio

### LD6C | EU6C | 6LB

6" Round, New Construction Downlight  
Narrow, Medium, Wide Beam or Wall Wash  
250-15,000 Lumens

#### Typical Applications

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

### Interactive Menu

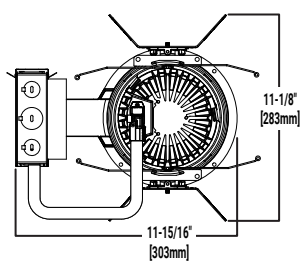
- Order Information [page 2](#)
- Product Specifications [page 4](#)
- Dimensional & Mounting Details [page 5](#)
- Energy Data [page 6](#)
- Photometric Data [page 7](#)
- Connected System [page 13](#)
- Product Limited Warranty



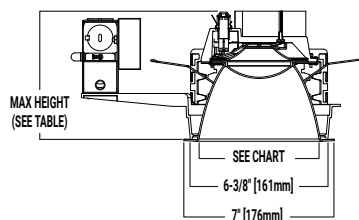
### Top Product Features

- 250-15,000 lumens; Offered in 90 and 97 CRI; ENERGY STAR® qualified
- Optional snap in driver for ease of replacement
- Standard 0-10V driver dims to 1%
- 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 Buy American and other domestic preference requirements

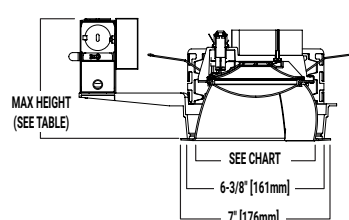
### Dimensional and Mounting Details



#### DOWNLIGHT



#### WALL WASH



[CLICK HERE](#)  
dimension information

## Single Line Order Information

SAMPLE ORDER NUMBER: **LD6C109030D010M1H = LD6C10D010 + EU6C10209030 + 6LBM1H**  
**(all components in multiple packages in same shipment)**

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 <sup>(1)</sup>				Color Control	CCT <sup>(20)</sup>	
<b>LD6C</b> =LED Downlight 6" Nominal Aperture <b>LD6CCP</b> =LED Downlight 6" Nominal Aperture, Chicago Plenum  For BAA or TAA use <a href="#">Multi-line Ordering</a>	<b>02</b> = 250 lumens, IC rated <b>05</b> = 500 lumens, IC rated <b>08</b> = 800 lumens, IC rated <b>10</b> = 1000 Lumens <b>10IC</b> = 1000 Lumens, IC rated <b>15</b> = 1500 Lumens <b>15IC</b> = 1500 Lumens, IC rated	<b>20</b> = 2000 Lumens <b>25</b> = 2500 lumens <b>30</b> = 3000 Lumens <b>35</b> = 3500 lumens <b>40</b> = 4000 Lumens <b>45</b> = 4500 Lumens <sup>(10)</sup> <b>50</b> = 5000 Lumens <sup>(10)</sup>	<b>55</b> = 5500 Lumens <sup>(10)</sup> <b>60</b> = 6000 Lumens <sup>(10)</sup> <b>65</b> = 6500 Lumens <sup>(10)</sup> <b>70</b> = 7000 Lumens <sup>(10)</sup> <b>75</b> = 7500 Lumens <sup>(10)</sup> <b>80</b> = 8000 Lumens <sup>(10)</sup> <b>90</b> = 9000 Lumens <sup>(10)</sup>	<b>100</b> = 10,000 Lumens <sup>(10)</sup> <b>110</b> = 11,000 Lumens <sup>(10)</sup> <b>120</b> = 12,000 Lumens <sup>(10)</sup> <b>130</b> = 13,000 Lumens <sup>(10)</sup> <b>150</b> = 15,000 Lumens <sup>(10)</sup>	<b>90</b> =90 CRI Minimum <b>97</b> =97 CRI Minimum	<b>90 CRI</b> <b>24</b> =2400K <b>27</b> =2700K <b>30</b> =3000K <b>35</b> =3500K <b>40</b> =4000K <b>50</b> =5000K	<b>97 CRI</b> <b>27</b> =2700K <b>30</b> =3000K

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

Driver Options	Hanger Bars
<b>Blank</b> = Integral driver <b>RC100</b> = Remote 100ft <sup>(9) (26) (33)</sup> <b>RC75</b> = Remote 75ft <sup>(9) (26) (33)</sup> <b>RC50</b> = Remote 50ft <sup>(9) (26) (33)</sup> <b>RC25</b> = Remote 25ft <sup>(9) (26)</sup> <b>RC15</b> = Remote 15ft <sup>(9) (26)</sup> <b>RC5</b> = Remote 5ft <sup>(9) (26)</sup> <b>RC2</b> = Remote 2ft <sup>(9) (26)</sup> <b>PD</b> = Magnetic Plug in Driver <sup>(24)</sup>	<b>Blank</b> = Without hanger bars <b>B26</b> = C-channel Bar Hanger, 26" Long, Pair

Trim Distribution <sup>(9)</sup>	Trim Flange	Trim Finish	Options <sup>(9) (16) (31)</sup>
<b>N</b> =Narrow, Spun Aluminum <sup>(25) (30)</sup> <b>M</b> =50° Cutoff, Medium Beam Reflector, Spun Aluminum <b>MD</b> =45° Cutoff, Medium Beam Reflector, Spun Aluminum <b>W</b> =Wide, Spun Aluminum <b>S</b> =Shallow, Spun Aluminum <b>HY</b> =Hyperbolic medium beam <sup>(26) (30)</sup> <b>PS</b> =Non-Conductive Shallow (dead front), white <sup>(11) (12)</sup> <b>CS</b> =Cast Shallow, Die Cast Aluminum <b>BA</b> = Spun Aluminum Baffle <sup>(7)</sup> <b>Wall Wash</b> <b>SWN</b> = Single Wall Wash, Spun Aluminum <b>DWN</b> = Double Wall Wash, Spun Aluminum <b>CW</b> = Corner Wall Wash, Spun Aluminum <b>MDSW</b> =45° Cutoff, Single Wall Wash, Spun Aluminum <b>MDDW</b> = 45° Cutoff, Double Wall Wash, Spun Aluminum <b>LSWW</b> = Lensed Single wall wash, Spun Aluminum <b>LDWW</b> = Lensed Double wall wash, Spun Aluminum	<b>0</b> =White Polymer Trim Ring <b>1</b> =Self-flanged <sup>(13)</sup> <b>2</b> =White Painted Self-flanged <b>4</b> =Knife edge rimless use with die cast only <sup>(8) (23)</sup>	<b>LI</b> =Specular Clear <sup>(9)</sup> <b>H</b> =Semi-Specular Clear <sup>(9)</sup> <b>WMH</b> =Warm Haze <sup>(9)</sup> <b>WH</b> =Wheat <sup>(9)</sup> <b>GPH</b> =Graphite Haze <sup>(9)</sup> <b>B</b> =Specular Black <sup>(9)</sup> <b>MW</b> =Matte White (Antimicrobial) <b>MB</b> =Matte Black <sup>(9)</sup> <b>MMS</b> =Matte Metallic Silver <sup>(6)</sup>	<b>EMBOD</b> =Bodine® 7W Emergency Module with Remote Test Switch <sup>(25)</sup> <b>EMBOD6ST</b> =Bodine® 6W Self Test Emergency Module with Remote Test Switch <b>EM7</b> =7W Emergency Module with Remote Test Switch <b>EM14</b> =14W Emergency Module with Remote Test Switch <b>EM14RSD</b> =14W Self Diagnostic Replaceable Emergency Battery Pack with Integral Test Switch <b>EMBOD7ST</b> =Bodine® 7W Self Test Emergency Module <sup>(25)</sup> <b>IEMBOD</b> =Bodine® 7W Emergency Module with Integral Test Switch <sup>(9) (25)</sup> <b>IEM7</b> =7W Emergency Module with Integral Test Switch <sup>(6)</sup> <b>IEM14</b> =14W Emergency Module with Integral Test Switch <sup>(6)</sup> <b>IEM14RSD</b> =14W Self Diagnostic Replaceable Emergency Battery Pack with Remote Test Switch <sup>(6)</sup> <b>IEMBOD6ST</b> =Bodine® 6W Self Test Emergency Module with Integral Test Switch <sup>(37)</sup> <b>EMV7</b> =7W Low Voltage Emergency Module with Remote Test Switch <sup>(4)</sup> <b>EMV14</b> =14W Low Voltage Emergency Module with Remote Test Switch <sup>(4)</sup> <b>ETRD</b> =Emergency transfer device <sup>(32)</sup> <b>WPST</b> = Factory installed WaveLinX PRO Sensor Kit <sup>(15) (18)</sup> <b>WLST</b> = Factory installed WaveLinX LITE Sensor Kit <sup>(15) (17)</sup> <b>WPN</b> = WaveLinX PRO Wireless Node without sensor <sup>(20) (36)</sup> <b>WLN</b> = WaveLinX LITE Wireless Node without sensor <sup>(35) (36)</sup>

Continued on next page.

## Single Line Order Information

Accessories (Sold separately) <sup>(22)</sup>			
<b>TRM6P</b> =White metal trim ring <sup>(2)</sup> <b>LGSKT6IP66</b> =IP66 Gasket Kit <b>DT6RF</b> =6 inch frosted acrylic ring <sup>(23)</sup>  <b>PRR6</b> =Rimless Plaster Ring <sup>(2)</sup> <b>RKP6</b> =Knife Edge plaster Ring <sup>(24)</sup>	<b>RPM6MW</b> =Rimless Millwork Ring, Matte White <sup>(2)</sup> <b>RPM6MB</b> =Rimless Millwork Ring, Matte Black <sup>(2)</sup> <b>RKM6MW</b> =Knife Edge Millwork Ring, Matte White <sup>(24)</sup> <b>RKM6MB</b> =Knife Edge Millwork Ring, Matte Black <sup>(24)</sup>  <b>HSA6</b> =Slope Adapter for 6" Aperture Housings, Specify Slope <sup>(34)</sup>	<b>Connected Lighting Systems</b> <sup>(9) (15)</sup> <b>WPST</b> = Field installed WaveLinX PRO Sensor Kit <sup>(18)</sup> <b>WLST</b> = Field installed WaveLinX LITE Sensor Kit <sup>(17)</sup>  <b>Transformers</b> <b>H347</b> =H347 for 5500 lumens and below	<b>Bar Hangers</b> <b>HB50</b> =C-channel Bar Hanger, 50" Long, Pair <b>RMB22</b> =Wood Joist Bar Hanger, 22" Long, Pair

**Notes:**

- |  |  |  |   |
|--|--|--|---|
| <p>1. Nominal Lumens will vary depending on selected color, CRI, driver and reflector finish. Reference <a href="#">Multiplier tables</a>.</p> <p>2. Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).</p> <p>3. Not available with Chicago Plenum.</p> <p>4. ULus listed only</p> <p>5. Beam angles are nominal with LI finish trims.</p> <p>6. 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.</p> <p>7. Only available with Matte White and Matte Black Finishes.</p> <p>8. Available only on CS distributions.</p> <p>9. Not available on PS, CS or BA distributions.</p> <p>10. Product is marked spacing. <a href="#">Reference table on page 4</a>.</p> <p>11. PS available in self-flanged MW finish only.</p> | <p>12. Offered up to 2000 lumens</p> <p>13. Flange is the same finish as the reflector</p> <p>14. DMX fixtures default to full on upon loss of DMX signal.</p> <p>15. Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.</p> <p>16. Non-IC</p> <p>17. WLST = WaveLinX LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX LITE system specifications)</p> <p>18. WPST = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.</p> <p>20. WPN = WaveLinX PRO wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only.</p> | <p>22. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.</p> <p>23. Accessory (Requires knife edge accessory ring)</p> <p>24. Order die cast trim with flange type 4</p> <p>25. Not available with 6500-7000 lumens, DLVP up to 3000 lumens</p> <p>26. Offered with</p> <ul style="list-style-type: none"> <li>- D010, DSLT, DE010 up to 7000 lumens</li> <li>- D010TR, DMX up to 4500 lumens</li> <li>- DLE, DL2 up to 3500 lumens</li> </ul> <p>(specify voltage 3500 lumens &amp; above)</p> <p>29. Order with self flanged trim.</p> <p>30. Offered with DLVP up to 3000 lumens</p> <p>31. 120-277V</p> <p>32. Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by</p> | <p>others).</p> <p>33. Not available with Lutron drivers</p> <p>34. Not recommended for use with Wall Wash</p> <p>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.</p> <p>36. Not compatible with 347V or Chicago plenum.</p> <p>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.</p> |
|--|--|--|---|

## 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
- Plaster lathing ring, knife edge and millwork ring accessory for flush reflector transition

### 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

### Universal Mounting Bracket

- Accepts 1/2" Electric Metallic Tube (EMT), C-channel and bar hangers
- Adjusts 5" vertically from above and below the ceiling

### Junction box

- Four 1/2" and two 3/4" trade size pry outs positioned to allow straight conduit runs
- Lever connectors for simple push in wiring
- Listed for (4) #12 AWG (two in, two out) 90°C conductors and feed thru branch wiring for type IC and Plug in drivers for 120/277V only. For all other cases (8) #12 AWG (four in, four out) 90°C conductors and feed thru branch wiring for 120/277V only

### 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 integral or 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
- EM14RSD with simplified battery replacement and self diagnostics

### 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

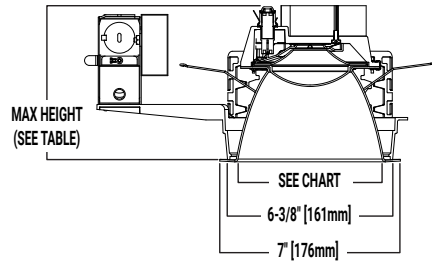
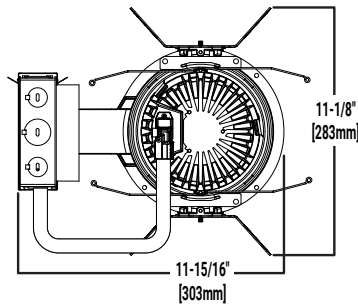
- Five year warranty [www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)

## Marked Spacing

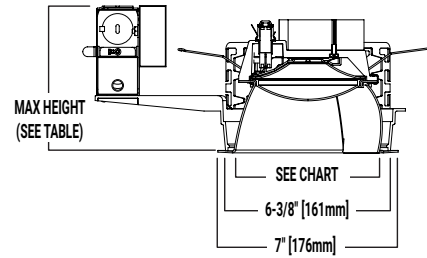
6-inch Marked spacing for 90 and 97 CRI			
Lumens	Center to Center of Adjacent Luminaire (inches)	Center Luminaire to Building Side Member (inches)	Minimum Overhead Height (inches)
4500-6000	36	18	6
6500-15,000	36	18	8

## Dimensional and Mounting Details

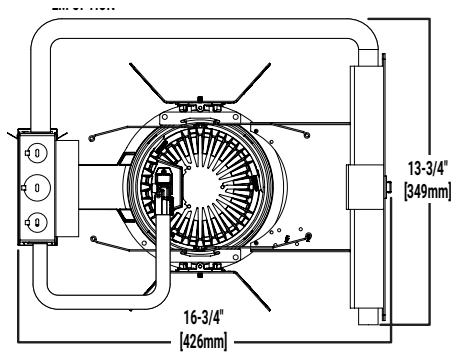
### DOWNLIGHT



### WALL WASH



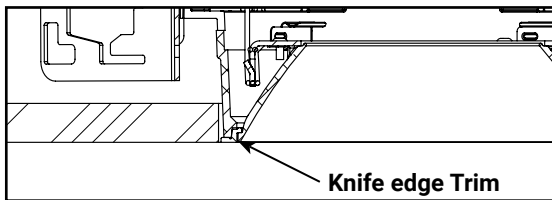
## Emergency Option



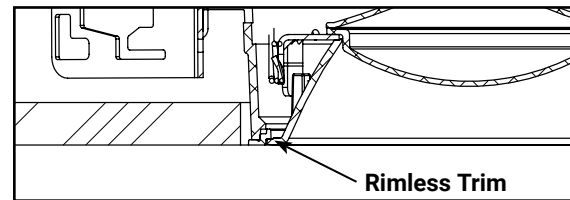
### Trim with E option



### Trim with EM6 option



Knife edge Trim



Rimless Trim

CATALOG #	INSIDE DIAMETER [IN]	MAX HEIGHT				
		250-2500 LUMENS	3000-4000 LUMENS	1000-1500IC LUMENS	6500-7000 LUMENS	9000-15000 LUMENS
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	5.6	5.6	5.6	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	5.6	5.6	5.6	5.6	6.7
6LBPS	5.66	5.6	5.6	5.6	5.6	6.7
6LBCS	5.66	5.6	5.6	5.6	5.6	6.7
6LBSWN	5.56	5.6	5.6	5.6	6.2	8.2
6LBMDSW	5.55	6.7	6.9	7	8	10
6LBLSWW	5.56	5.6	5.6	5.6	6.2	8.2
6LBLDWW	5.56	5.6	5.6	5.6	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

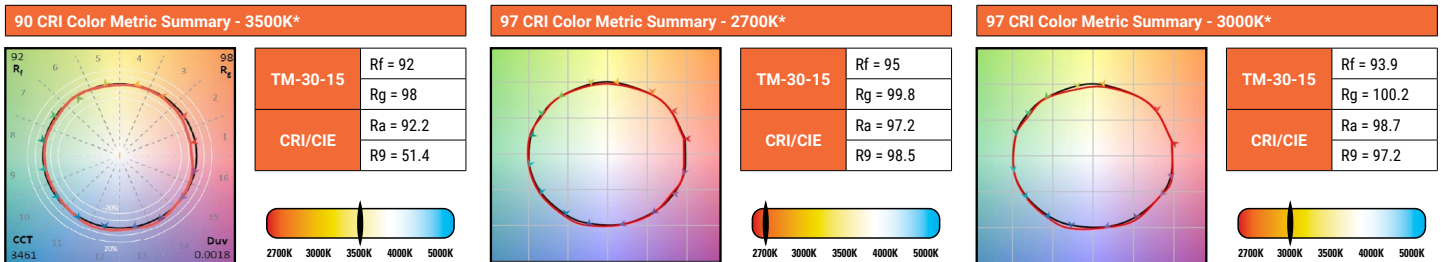
Series	9000 lumen		10000 lumen		11000 lumen		12000 lumen		13,000 lumen		15000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.842	0.374	0.961	0.416	1.09	0.49	1.192	0.512	1.263	0.561	1.446	0.624
Input Power (W)	101.12	99.88	114.86	113.66	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

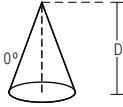


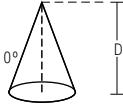
\* Color values are based on haze reflector, other finishes and field results may vary.

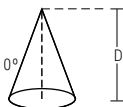


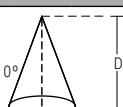
## Photometric Data

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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	LD6C20D010					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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	LD6C20D010					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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	LD6C20D010					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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									Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6C20D010									0	1125	0-30	790	36.7	37	45292
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									Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6C20D010									0	1405	0-30	879	39.5	37	45256
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													

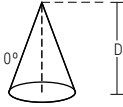
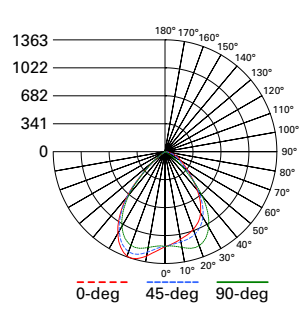
WIDE 80° BEAM (H)		CANDLEPOWER DISTRIBUTION				CONE OF LIGHT				CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P571664									Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6C20D010									0	1127	0-30	851	46.6	37	47030
Module	EU6C10259035	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													

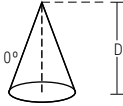
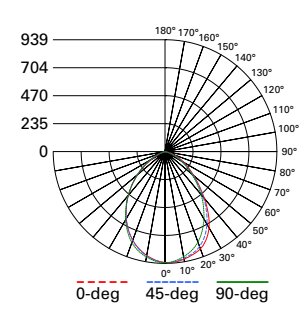
WIDE 80° BEAM (LI)		CANDLEPOWER DISTRIBUTION				CONE OF LIGHT				CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P571665									Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6C20D010									0	1304	0-30	1074	51.4	37	58990
Module	EU6C10259035	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													

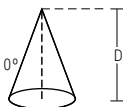
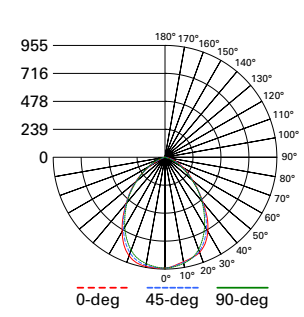


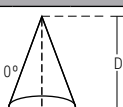
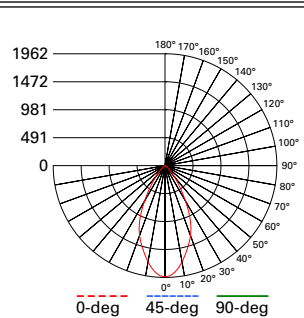
## Photometric Data

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SINGLE WALL WASH (LI)		CANDLEPOWER DISTRIBUTION				CONE OF LIGHT				CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571666	<b>Downlight</b>								Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010																																							
Module	EU6C10259035					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>7.7</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> </tbody> </table>				D	FC	L	W	4'	7.7	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'	7.7	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																																					
Trim	6LBSWNL1									5	1121	0-40	1515	71.7	45	36399																								
Lumens	2112									15	1048	0-60	2008	95.1	55	26819																								
Efficacy	96.9 Lm/W									25	949	0-90	2112	100	65	23491																								
SC	1.29									35	746	90-180	0	0	75	17305																								
UGR	25.8									45	470	0-180	2112	100	85	11133																								
										55	281																													
										65	181																													
										75	82																													
										85	18																													
										90	0																													

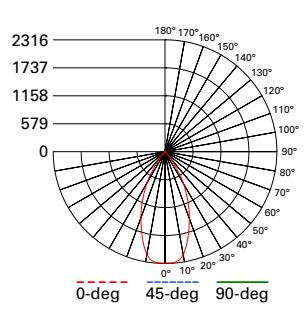
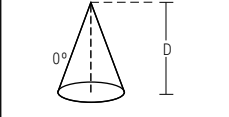
LENSED WALL WASH (H)		CANDLEPOWER DISTRIBUTION				CONE OF LIGHT				CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571667	<b>Downlight</b>								Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010																																							
Module	EU6C10259035					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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																																					
Trim	6LBSWWH									5	936	0-40	1049	61.6	45	32321																								
Lumens	1704									15	902	0-60	1561	91.6	55	24315																								
Efficacy	78.2 Lm/W									25	824	0-90	1704	100	65	18705																								
SC	1.08									35	642	90-180	0	0	75	12878																								
UGR	25									45	417	0-180	1704	100	85	3585																								
										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	<b>Downlight</b>								Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010																																							
Module	EU6C10259035					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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																																					
Trim	6LBSWWLI									5	936	0-40	1094	62.4	45	31833																								
Lumens	1753									15	896	0-60	1620	92.4	55	23961																								
Efficacy	80.4 Lm/W									25	822	0-90	1753	100	65	18497																								
SC	1.1									35	638	90-180	0	0	75	12942																								
UGR	24.8									45	411	0-180	1753	100	85	3585																								
										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	<b>Downlight</b>								Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010																																							
Module	EU6C10259035					<table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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																																					
Trim	6LBMDH									5	1894	0-40	1351	90.5	45	9900																								
Lumens	1493									15	1517	0-60	1480	99.1	55	2542																								
Efficacy	68.5 Lm/W									25	1052	0-90	1493	100	65	1180																								
SC	0.8									35	437	90-180	0	0	75	635																								
UGR	7.6									45	128	0-180	1493	100	85	252																								
										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 Housing LD6C20D010 Module EU6C10259035 Trim 6LBMDLI Lumens 1549 Efficacy 71.1 Lm/W SC 0.76 UGR 0	<b>Downlight</b> 	 <table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <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> </tbody> </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	<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>2314</td></tr> <tr><td>5</td><td>2309</td></tr> <tr><td>15</td><td>1837</td></tr> <tr><td>25</td><td>1109</td></tr> <tr><td>35</td><td>371</td></tr> <tr><td>45</td><td>65</td></tr> <tr><td>55</td><td>6</td></tr> <tr><td>65</td><td>2</td></tr> <tr><td>75</td><td>1</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	2314	5	2309	15	1837	25	1109	35	371	45	65	55	6	65	2	75	1	85	0	90	0	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>1230</td><td>79.4</td></tr> <tr><td>0-40</td><td>1486</td><td>95.9</td></tr> <tr><td>0-60</td><td>1546</td><td>99.8</td></tr> <tr><td>0-90</td><td>1549</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>1549</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	1230	79.4	0-40	1486	95.9	0-60	1546	99.8	0-90	1549	100	90-180	0	0	0-180	1549	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>37</td><td>18792</td></tr> <tr><td>45</td><td>5032</td></tr> <tr><td>55</td><td>535</td></tr> <tr><td>65</td><td>259</td></tr> <tr><td>75</td><td>169</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	37	18792	45	5032	55	535	65	259	75	169	85	0
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35	371																																																																																							
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### 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	13,000 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

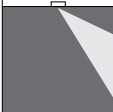
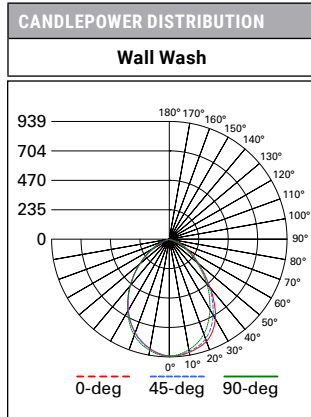
Finish code	LI	H	WMH	WH	GPH	B	MW
Finish	Specular Clear	Semi-Specular Clear	Warm Haze	Wheat	Graphite Haze	Specular Black	Matte White
Multiplier	1.22	1	1.07	1.07	0.76	0.59	1.09

Multipliers for relative lumen values with other color finishes.

## Photometric Data

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WALL WASH	
Test Number	P563510
Housing	LD6C20D010
Module	EU6209035
Trim	6LBLWWH
Lumens	1704
Efficacy	78.2 Lm/W
SC	1.08
UGR	0

CANDELA TABLE	
Degrees Vertical	Candela
0	937
5	936
15	902
25	824
35	642
45	417
55	254
65	144
75	61
85	6
90	0


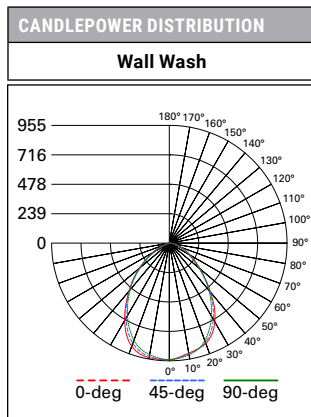
ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	682	40
0-40	1049	61.6
0-60	1561	91.6
0-90	1704	100
90-180	0	0
0-180	1704	100

LUMINANCE	
Average Candela Degrees	Average 0° Luminance
37	40857
45	32321
55	24315
65	18705
75	12878
85	3585

Single Unit Footcandles 3" from wall (distance from fixture along wall)				
DD	•	1'	2'	3'
1'	8.3	6.4	3.3	1.3
2'	15.2	12.5	7.5	3.8
3'	16.4	14	9.2	5.3
4'	14.4	12.7	9.1	5.7
5'	11	10.1	7.8	5.3
6'	8	7.5	6.2	4.6
7'	5.7	5.5	4.7	3.8
8'	4.2	4	3.6	3
9'	3.1	3	2.8	2.4
10'	2.4	2.3	2.2	1.9

Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
•	-- 3' --	•	•	-- 4' --	•
9.6	9.5	9.6	8.8	6.5	8.8
19.1	20.1	19.1	17.1	15.1	17.1
21.6	23.3	21.6	19.2	18.4	19.2
20	21.9	20	17.7	18.1	17.7
16.4	18.1	16.4	14.4	15.6	14.4
12.6	13.8	12.6	11.2	12.4	11.2
9.5	10.3	9.5	8.5	9.5	8.5
7.2	7.7	7.2	6.6	7.2	6.6
5.5	5.9	5.5	5.1	5.6	5.1
4.3	4.5	4.3	4	4.3	4

WALL WASH	
Test Number	P563511
Housing	LD6C20D010
Module	EU6209035
Trim	6LBLWWLI
Lumens	1753
Efficacy	80.4 Lm/W
SC	1.1
UGR	0

CANDELA TABLE	
Degrees Vertical	Candela
0	953
5	936
15	896
25	822
35	638
45	411
55	251
65	143
75	61
85	6
90	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	712	40.6
0-40	1094	62.4
0-60	1620	92.4
0-90	1753	100
90-180	0	0
0-180	1753	100

LUMINANCE	
Average Candela Degrees	Average 0° Luminance
37	40426
45	31833
55	23961
65	18497
75	12942
85	3585

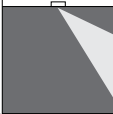
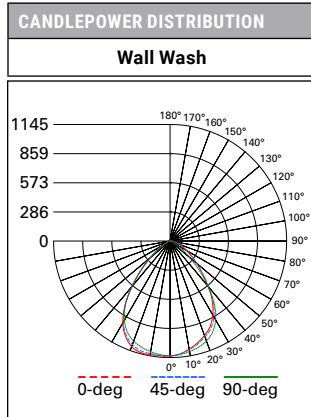
Single Unit Footcandles 3" from wall (distance from fixture along wall)				
DD	•	1'	2'	3'
1'	8.3	6.4	3.2	1.3
2'	15.1	12.5	7.5	3.8
3'	16.1	13.9	9.2	5.3
4'	14.2	12.6	9.1	5.7
5'	10.9	10	7.8	5.4
6'	7.9	7.5	6.2	4.6
7'	5.7	5.5	4.8	3.8
8'	4.2	4	3.6	3
9'	3.1	3	2.8	2.4
10'	2.3	2.3	2.2	1.9

Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
•	-- 3' --	•	•	-- 4' --	•
9.5	9.5	9.5	8.7	6.4	8.7
18.9	20	18.9	16.9	15.1	16.9
21.4	23.2	21.4	19	18.4	19
19.9	21.9	19.9	17.6	18.1	17.6
16.3	18	16.3	14.4	15.6	14.4
12.6	13.8	12.6	11.2	12.4	11.2
9.5	10.3	9.5	8.5	9.5	8.5
7.2	7.7	7.2	6.6	7.3	6.6
5.5	5.9	5.5	5.1	5.6	5.1
4.3	4.5	4.3	4	4.3	4

## Photometric Data

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WALL WASH	
Test Number	P563508
Housing	LD6C20D010
Module	EU6209035
Trim	6LBSWH
Lumens	1909
Efficacy	87.6 Lm/W
SC	1.18
UGR	0

CANDELA TABLE	
Degrees Vertical	Candela
0	1138
5	1123
15	1046
25	937
35	728
45	451
55	257
65	139
75	52
85	11
90	0


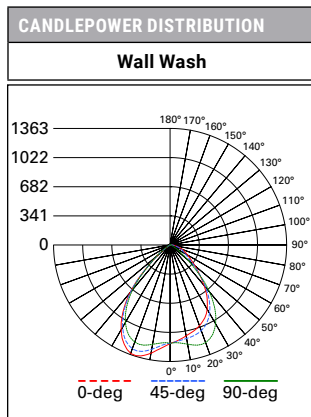
ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	868	45.5
0-40	1335	69.9
0-60	1817	95.2
0-90	1909	100
90-180	0	0
0-180	1909	100

LUMINANCE	
Average Candela Degrees	Average 0° Luminance
37	46298
45	34942
55	24563
65	18005
75	11056
85	6919

Single Unit Footcandles 3" from wall (distance from fixture along wall)				
DD	•	1'	2'	3'
1'	7.6	5.9	3.1	1.2
2'	15.3	12.5	7.6	3.7
3'	17.7	15	9.9	5.4
4'	16.3	14.3	10.2	6.2
5'	12.5	11.5	9.1	6.2
6'	9	8.6	7.3	5.6
7'	6.5	6.3	5.6	4.6
8'	4.8	4.6	4.2	3.7
9'	3.6	3.5	3.2	2.9
10'	2.7	2.6	2.5	2.3

Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
•	-- 3' --	•	•	-- 4' --	•
8.8	8.9	8.8	8	6.1	8
19	20.1	19	16.9	15.1	16.9
23.1	25	23.1	20.3	19.7	20.3
22.5	24.8	22.5	19.7	20.4	19.7
18.7	21	18.7	16.3	18.3	16.3
14.6	16	14.6	12.8	14.6	12.8
11.1	11.9	11.1	10	11.2	10
8.4	8.9	8.4	7.7	8.5	7.7
6.4	6.7	6.4	6	6.5	6
5	5.2	5	4.7	5	4.7

WALL WASH	
Test Number	P563509
Housing	LD6C20D010
Module	EU6209035
Trim	6LBSWLI
Lumens	2112
Efficacy	96.9 Lm/W
SC	1.29
UGR	0

CANDELA 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

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	971	46
0-40	1515	71.7
0-60	2008	95.1
0-90	2112	100
90-180	0	0
0-180	2112	100

LUMINANCE	
Average Candela Degrees	Average 0° Luminance
37	47358
45	36399
55	26819
65	23491
75	17305
85	11133

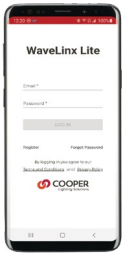
Single Unit Footcandles 3" from wall (distance from fixture along wall)				
DD	•	1'	2'	3'
1'	11	8.7	4.6	1.9
2'	16.9	13.8	8.5	4.4
3'	18.4	15.7	10	5.2
4'	16.6	14.8	10.7	6.3
5'	12.7	11.7	9.5	6.6
6'	9.2	8.7	7.6	5.9
7'	6.6	6.3	5.8	4.9
8'	4.8	4.7	4.4	3.9
9'	3.6	3.5	3.4	3.1
10'	2.7	2.7	2.6	2.4

Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
•	-- 3' --	•	•	-- 4' --	•
12.9	13.1	12.9	11.8	9.2	11.8
21.3	22.4	21.3	19	17	19
23.6	25.8	23.6	21	20	21
22.9	25.9	22.9	19.9	21.5	19.9
19.3	21.6	19.3	16.6	19.1	16.6
15.1	16.5	15.1	13.3	15.2	13.3
11.4	12.2	11.4	10.3	11.6	10.3
8.7	9.1	8.7	8	8.8	8
6.6	6.9	6.6	6.2	6.7	6.2
5.2	5.3	5.2	4.9	5.2	4.9

## Connected Systems

### WaveLinx LITE - WLST Tilemount Sensor

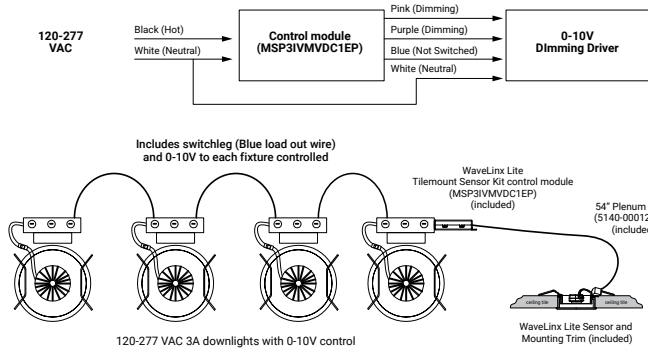
**WaveLinx LITE devices only compatible with the WaveLinx LITE system.**



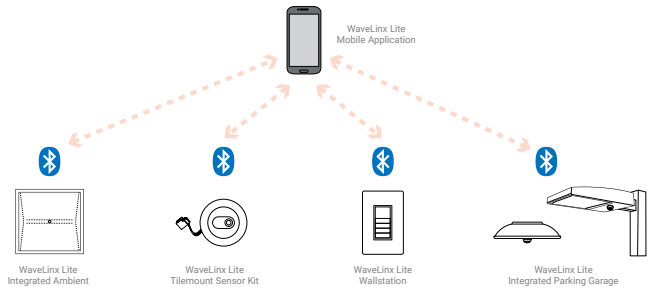
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic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

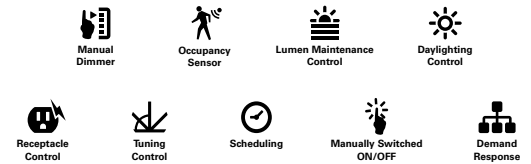
**WaveLinx PRO devices only compatible with the WaveLinx PRO system.**



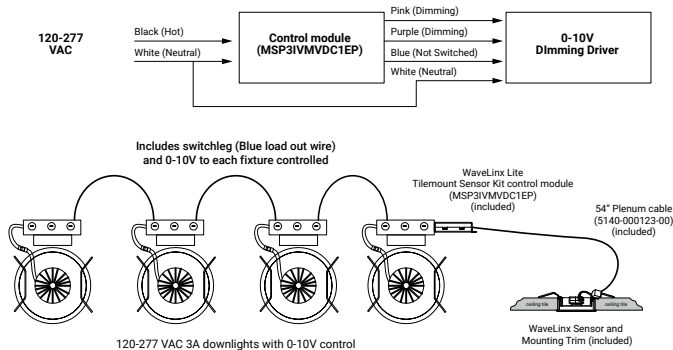
- WaveLinx PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Along Offices or Entire Building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



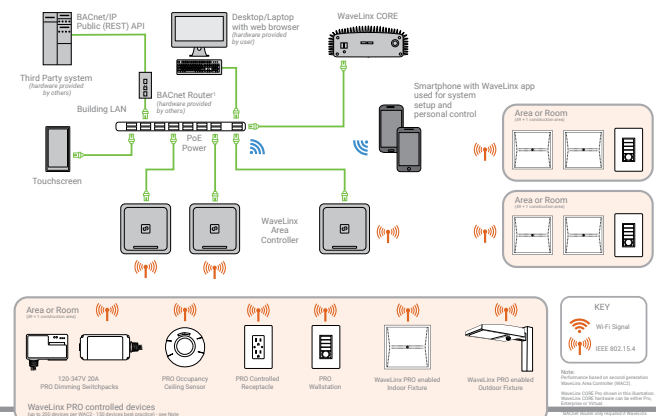
#### WaveLinx mobile app settings



#### WaveLinx PRO WPST Tilemount Wiring Diagram



#### WaveLinx CORE Building Management Integration



## Connected Solutions



### WaveLinx LITE Wireless Node - WLN

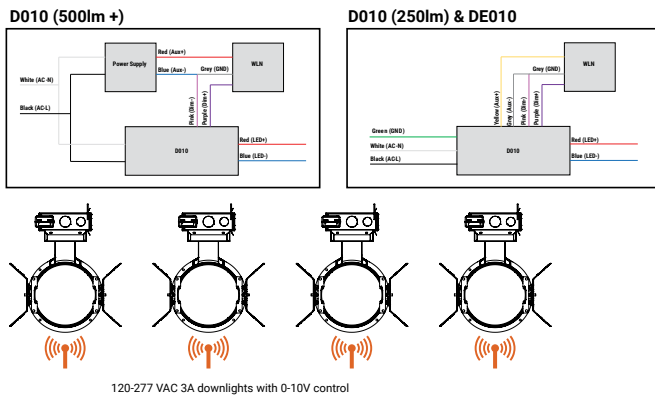
WaveLinx LITE devices only compatible with the WaveLinx LITE system.

- 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

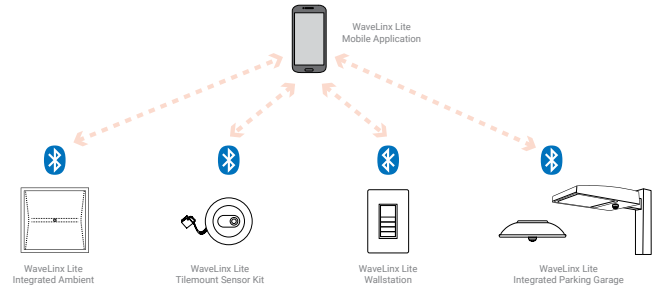
#### WaveLinx mobile app settings



#### 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

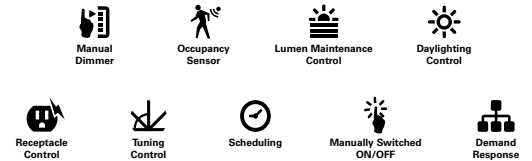
**Downlights with wireless communication**  
Highly efficient LED fixtures

**WaveLinx Area Controller**  
Provides centralized coordination of multiple area control options

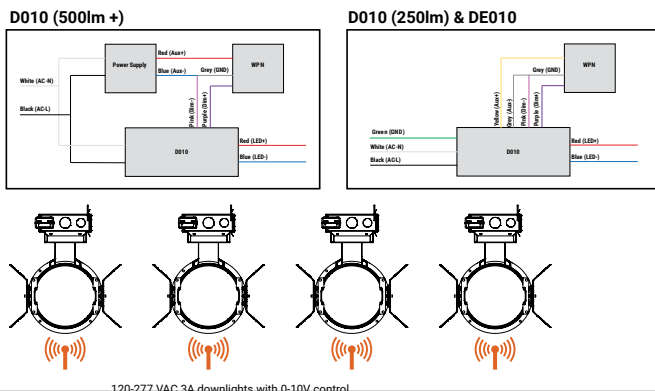
**Wireless Wall Station/Receptacle**  
Provides customized wireless control of each area

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

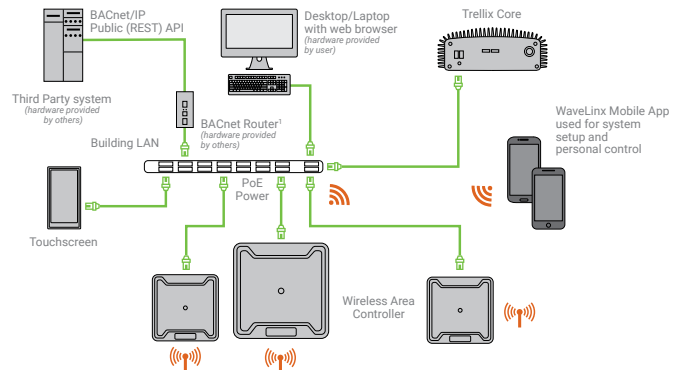
#### WaveLinx mobile app settings



#### WaveLinx PRO Wireless Node (WPN) Wiring Diagram



#### WaveLinx CORE Building Management Integration





## Multi-line Order Information

SAMPLE ORDER NUMBER: **LD6C10D010TRIEM14**

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 <sup>(1)</sup>	Housing	Lumens <sup>(2)</sup>			
<b>[Blank]</b> =Standard <b>BAA</b> =Buy American Act <b>TAA</b> =Trade Agreements Act	<b>LD6C</b> =LED Downlight 6-inch Nominal Aperture <b>LD6CCP</b> =LED Downlight 6-inch Nominal Aperture, Chicago Plenum	<b>02</b> =250 lumens <b>05</b> =500 lumens <b>08</b> =800 lumens <b>10</b> =1000 lumens <b>15</b> =1500 lumens <b>20</b> =2000 lumens	<b>25</b> =2500 lumens <b>30</b> =3000 lumens <b>35</b> =3500 lumens <b>40</b> =4000 lumens <b>45</b> =4500 lumens <sup>(3)</sup> <b>50</b> =5000 lumens <sup>(3)</sup>	<b>55</b> =5500 lumens <sup>(3)</sup> <b>60</b> =6000 lumens <sup>(3)</sup> <b>65</b> =6500 lumens <sup>(3)</sup> <b>70</b> =7000 lumens <sup>(3)</sup> <b>75</b> =7500 lumens <sup>(3)</sup> <b>80</b> =8000 Lumens <sup>(3)</sup>	<b>90</b> =9000 Lumens <sup>(3)</sup> <b>100</b> =10,000 Lumens <sup>(3)</sup> <b>110</b> =11,000 Lumens <sup>(3)</sup> <b>120</b> =12,000 Lumens <sup>(3)</sup> <b>130</b> =13,000 Lumens <sup>(3)</sup> <b>150</b> =15,000 Lumens <sup>(3)</sup>

Voltage	Driver	Driver Options
<b>Blank</b> = 120-277V <b>1</b> = 120V Specify as noted in driver section <b>2</b> = 277V Specify as noted in driver section <b>3</b> = 347V (integral driver with D010 800-4000 lumens) all other integral drivers include step down transformer	<b>D010</b> = 0-10V 1% dimming 500-15,000 lumens with integral driver   <b>Specify voltage with 7500 lumens and above for integral driver</b> <b>D010W</b> = Fixed, Wired 0-10V 1% dimming 500-15,000 lumens with integral driver   <b>Specify voltage with 7500 lumens and above for integral driver (BAA only)</b> 1 driver: 250-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000	<b>Blank</b> =Integral driver <b>R</b> =Remote driver (offered with single driver, order remote driver separately) <sup>(6)</sup> <b>PD</b> =Magnetic Plug in Driver (offered with single driver) <sup>(8)</sup>
	<b>D010TR</b> =0-10V or (120V) phase cut 1% dimming 250-13,000 lumens with integral driver   <b>Specify voltage with 5000-9000 lumens, offered in 5000-9000 &amp; 13,000 lumens</b> 1 driver: 250-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000	
	<b>DE010</b> = 0-10V linear 0.1% dimming 500-15,000 lumens with integral driver   <b>Specify voltage with 7500 lumens and above</b> 1 driver: 500-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000	
	<b>D5LT</b> = DALI T6 Logarithmic 0.1% Dimming 500-15,000 lumens with integral driver   <b>Specify voltage with 7500 lumens and above</b> 1 driver: 500-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000	
	<b>DMX</b> = DMX/RDM Logarithmic 0.1% Dimming 800-13,000 with integral driver   <b>Specify voltage with 5000 lumens and above, offered in 5000-9000 &amp; 13,000 lumens</b> <sup>(14)</sup> 1 driver: 800-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000	
	<b>DMXC5</b> = DMX/RDM Logarithmic 0.1% Dimming with RJ45 connection 800-13,000 with integral driver   <b>Specify voltage with 5000 lumens and above, offered in 5000-9000 &amp; 13,000 lumens</b> <sup>(14)</sup> 1 driver: 800-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000	
	<b>DLE</b> = Lutron Ecosystem dimming 1-100% 800-7500 lumens with integral driver   <b>Specify voltage with 4000 lumens and above</b> 1 driver: 800-3500 / 2 drivers: 4000-7500	
<b>DLV</b> = Low voltage dimming 1-100% for use with DLVP system, 800-3000 lumens <sup>(9)</sup>		

Options <sup>(6) (30) (31)</sup>	
<b>EMBOD</b> =Bodine® Emergency Module with Remote Test Switch <sup>(19)</sup> <b>EMBOD6ST</b> =Bodine® 6W Self Test Emergency Module with Remote Test Switch <b>EM7</b> =7W Emergency Module with Remote Test Switch <b>EM14</b> =14W Emergency Module with Remote Test Switch <b>EM14RSD</b> =14W Self Diagnostic Replaceable Emergency Battery Pack with Integral Test Switch <b>EMBOD7ST</b> =Bodine® Self Test Emergency Module <sup>(10)</sup> <b>IEMBOD</b> =Bodine® Emergency Module with Integral Test Switch <sup>(10) (22)</sup> <b>IEM7</b> =7W Emergency Module with Integral Test Switch <sup>(22)</sup> <b>IEM14</b> =14W Emergency Module with Integral Test Switch <sup>(22)</sup>	<b>IEM14RSD</b> =14W Self Diagnostic Replaceable Emergency Battery Pack with Remote Test Switch <sup>(22)</sup> <b>IEMBOD6ST</b> =Bodine® 6W Self Test Emergency Module with Integral Test Switch <sup>(37)</sup> <b>EMV7</b> =7W Low Voltage Emergency Module with Remote Test Switch <sup>(7)</sup> <b>EMV14</b> =14W Low Voltage Emergency Module with Remote Test Switch <sup>(7)</sup> <b>ETRD</b> =Emergency transfer device <sup>(32)</sup> <b>WPST</b> =Factory installed WaveLinX PRO Sensor Kit <sup>(11) (13)</sup> <b>WLST</b> =Factory installed WaveLinX LITE Sensor Kit <sup>(11) (12)</sup> <b>WPN</b> = WaveLinX PRO Wireless Node without sensor <sup>(34) (36)</sup> <b>WLN</b> = WaveLinX LITE Wireless Node without sensor <sup>(35) (36)</sup>

Continued on next page.

## Multi-line Order Information

SAMPLE ORDER NUMBER: **EU6C10259035**

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

SAMPLE ORDER NUMBER: **6LBM2H**

Trim	Reflector	Flange	Finish	Options	
<b>6LB</b> =6-inch LED	<b>N</b> =Narrow, Spun Aluminum <sup>(29)</sup> <b>M</b> =50° Cutoff, Medium Beam Reflector, Spun Aluminum <b>MD</b> =45° Cutoff, Medium Beam Reflector, Spun Aluminum <b>W</b> =Wide, Spun Aluminum <b>S</b> =Shallow, Spun Aluminum <b>HY</b> =Hyperbolic medium beam <sup>(29)</sup> <b>PS</b> =Non-Conductive Shallow (dead front), white <sup>(16) (17)</sup> <b>CS</b> =Cast Shallow, Die Cast Aluminum <b>BA</b> = Spun Aluminum Baffle <sup>(24)</sup>	<b>Wall Wash</b> <b>SWN</b> =Single wall wash, spun aluminum <b>DWN</b> =Double wall wash, spun aluminum <b>CW</b> =Corner wall wash, spun aluminum <b>MDSW</b> =45° Cutoff, Single Wall Wash, Spun Aluminum <b>MDDW</b> = 45° Cutoff, Double Wall Wash, Spun Aluminum <b>LSWW</b> =Lensed single wall wash, spun aluminum <b>LDWW</b> =Lensed double wall wash, spun aluminum	<b>0</b> =White polymer trim ring <b>1</b> =Self flanged <sup>(16)</sup> <b>2</b> =White painted self flanged <b>4</b> =Knife edge rimless use with die cast only <sup>(19)</sup>	<b>LI</b> =Specular Clear <sup>(20)</sup> <b>H</b> =Semi-Specular Clear <sup>(20)</sup> <b>WMH</b> =Warm Haze <sup>(20)</sup> <b>WH</b> =Wheat <sup>(20)</sup> <b>GPH</b> =Graphite Haze <sup>(20)</sup> <b>B</b> =Specular Black <sup>(20)</sup> <b>MW</b> =Matte White <b>MB</b> =Matte Black <sup>(21)</sup> <b>MMS</b> =Matte Metallic Silver <sup>(21)</sup>	<b>E</b> =Integral Emergency Test Switch Hole <sup>(22)</sup> <b>EM6</b> =Integral Emergency Test Switch Hole <sup>(38)</sup> 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 <sup>(1)</sup>	Remote Drivers	Lumens <sup>(2) (14)</sup>
<b>[Blank]</b> =Standard <b>BAA</b> =Buy American Act <b>TAA</b> =Trade Agreements Act	<b>RC100</b> =Remote 100ft <b>RC75</b> =Remote 75ft <b>RC50</b> =Remote 50ft <b>RC25</b> =Remote 25ft <b>RC15</b> =Remote 15ft <b>RC5</b> =Remote 5ft <b>RC2</b> =Remote 2ft	<b>02</b> =250 lumens <b>20</b> =2000 lumens <b>50</b> =5000 lumens <b>05</b> =500 lumens <b>25</b> =2500 lumens <b>55</b> =5500 lumens <b>08</b> =800 lumens <b>30</b> =3000 lumens <b>60</b> =6000 lumens <b>10</b> =1000 lumens <b>35</b> =3500 lumens <b>65</b> =6500 lumens <b>15</b> =1500 lumens <b>40</b> =4000 lumens <b>70</b> =7000 lumens <b>45</b> =4500 lumens

Continued on next page.

Multi-line Order Information

Driver
<p><b>D010</b> = 0-10V Dimming, 1% to 100%, 120V-277V, 500-3000 lumens  <b>1D010</b> = 0-10V Dimming, 1% to 100%, 120V, 3500-7000 lumens  <b>2D010</b> = 0-10V Dimming, 1% to 100%, 277V, 3500-7000 lumens  <b>3D010</b> = 0-10V Dimming, 1% to 100%, 347V dedicated drivers for 800 to 3000 lumens; 500, 3500-7000 lumens use step down transformer</p>
<p><b>D010TR</b> = 0-10V Dimming, 1% to 100%, 120V-277V or 120V line voltage dimming, 120V-277V, 250- 3000 lumens  <b>1D010TR</b> = 0-10V or line voltage Dimming, 1% to 100%, 120V, 3500-4500 lumens  <b>2D010TR</b> = 0-10V Dimming, 1% to 100%, 277V, 3500-4500 lumens  <b>3D010TR</b> = 0-10V or line voltage Dimming, 1% to 100% 347V step down transformer, 250-4500 lumens</p>
<p><b>DE010</b> = 0-10V Dimming, 0.1% to 100%, 120V-277V, 500-3000 lumens  <b>1DE010</b> = 0-10V Dimming, 0.1% to 100%, 120V, 3500-7,000 lumens  <b>2DE010</b> = 0-10V Dimming, 0.1% to 100%, 277V, 3500-7,000 lumens  <b>3DE010</b> = 0-10V Dimming, 0.1% to 100%, 347V step down transformer, 500-7,000 lumens</p>
<p><b>D5LT</b> = Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-3000 lumens  <b>1D5LT</b> = Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100%, 120V, 3500-7,000 lumens  <b>2D5LT</b> = Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100%, 277V, 3500-7,000 lumens  <b>3D5LT</b> = Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100% 347V step down transformer, 500-7,000 lumens</p>
<p><b>DMX</b> = DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-3000 lumens<sup>(5)</sup>  <b>1DMX</b>=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V, 3500-4500<sup>(5)</sup>  <b>2DMX</b>=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 277V, 3500-4500<sup>(5)</sup>  <b>3DMX</b>=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 347V step down transformer, 800-4500<sup>(5)</sup></p>
<p><b>DMXC5</b> = DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V up to 800-3000 lumens, RJ45 Connection<sup>(5)</sup>  <b>1DMXC5</b>=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V, 3500-4500 lumens, RJ45 Connection<sup>(5)</sup>  <b>2DMXC5</b>=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 277V, 3500-4500 lumens, RJ45 Connection<sup>(5)</sup>  <b>3DMXC5</b>=DMX/RDM Logarithmic Dimming, 0.1% to 100%, 347V step down transformer, 800-4500 lumens, RJ45 Connection<sup>(5)</sup></p>
<p><b>DLE</b> = Lutron Ecosystem dimming 1% to 100%, 120V-277V, 25' Max remote length, 800-3000 lumens  <b>1DLE</b>=Lutron Ecosystem dimming 1% to 100%, 120V, 25' Max remote length, 3500 lumens  <b>2DLE</b>=Lutron Ecosystem dimming 1% to 100%, 277V, 25' Max remote length, 3500 lumens  <b>3DLE</b>=Lutron Ecosystem dimming 1% to 100%, 347V, step down transformer, 25' Max remote length, 800-3500 lumens</p>
<p><b>DLV</b> = Low voltage dimming driver (1-100%) for use with DLVP system, 800-3000 lumens<sup>(6)</sup></p>

Options <sup>(6)</sup> (30) (31)	Controls
<p><b>EMB0D</b>=Bodine® Emergency Module with Remote Test Switch<sup>(10)</sup>  <b>EMB0D6ST</b>=Bodine® 6W Self Test Emergency Module with Remote Test Switch  <b>EM7</b>=7W Emergency Module with Remote Test Switch  <b>EM14</b>=14W Emergency Module with Remote Test Switch</p>	<p><b>WPST</b>=Factory installed WaveLinX PRO Sensor Kit<sup>(11)(13)</sup>  <b>WLST</b>=Factory installed WaveLinX LITE Sensor Kit<sup>(11)(12)</sup>  <b>WPN</b> = WaveLinX PRO Wireless Node without sensor<sup>(34)(36)</sup>  <b>WLN</b> = WaveLinX LITE Wireless Node without sensor<sup>(35)(36)</sup></p>
<p><b>EMB0D7ST</b>=Bodine® Self Test Emergency Module with Remote Test Switch<sup>(10)</sup>  <b>EMV7</b>=7W Low Voltage Emergency Module with Remote Test Switch<sup>(7)</sup>  <b>EMV14</b>=14W Low Voltage Emergency Module with Remote Test Switch<sup>(7)</sup>  <b>ETRD</b>=Emergency transfer device<sup>(62)</sup></p>	

Accessories (Order separately) <sup>(26)</sup>		
<p><b>TRM6P</b>=White metal trim ring<sup>(26)</sup>  <b>LGSKT6IP66</b>=IP66 Gasket Kit  <b>DT6RF</b>=6 inch frosted acrylic ring<sup>(28)</sup></p>	<p><b>HSA6</b>=Slope Adapter for 6" Aperture Housings, Specify Slope<sup>(33)</sup></p>	<p><b>Bar Hangers</b>  <b>BAA-HB26</b>=C-channel Bar Hanger, 26" Long, Pair<sup>(1)</sup>  <b>TAA-HB26</b>=C-channel Bar Hanger, 26" Long, Pair<sup>(1)</sup>  <b>HB26</b>=C-channel Bar Hanger, 26" Long, Pair  <b>HB50</b>=C-channel Bar Hanger, 50" Long, Pair  <b>RMB22</b>=Wood Joist Bar Hanger, 22" Long, Pair</p>
<p><b>PRR6</b>=Rimless Plaster Ring<sup>(26)</sup>  <b>RKP6</b>=Knife Edge plaster Ring<sup>(27)</sup></p>	<p><b>Connected Lighting Systems</b><sup>(6)(11)</sup>  <b>WPST</b> = Field installed WaveLinX PRO Sensor Kit<sup>(13)</sup>  <b>WLST</b> = Field installed WaveLinX LITE Sensor Kit<sup>(12)</sup></p>	
<p><b>RPM6MW</b>=Rimless Millwork Ring, Matte White<sup>(26)</sup>  <b>RPM6MB</b>=Rimless Millwork Ring, Matte Black<sup>(26)</sup>  <b>RKM6MW</b>=Knife Edge Millwork Ring, Matte White<sup>(27)</sup>  <b>RKM6MB</b>=Knife Edge Millwork Ring, Matte Black<sup>(27)</sup></p>	<p><b>Transformers</b>  <b>H347</b>=H347 for 5500 lumens and below</p>	

- Notes:**
- 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 analyzed under domestic preference requirements. Offered with spun aluminum narrow (N), medium (M) and wide (W) trims, and open wall wash (SWN and DWN).
  - Nominal Lumens will vary depending on selected color, CRI, driver and reflector finish. Reference [Multiplier Tables](#).
  - Product is marked spacing. [Reference table on page 4 for the spacing details.](#)
  - DMX fixtures default to full on upon loss of DMX signal.
  - Not available with Chicago Plenum.
  - ULus listed only
  - Offered with
    - D010, D5LT, DE010 up to 7000 lumens
    - D010TR, DMX up to 4500 lumens
    - DLE, DL2 up to 3500 lumens
  - Not available with 5500 lumens
  - Not available for 6500-7000 lumens
  - Refer to system specifications for additional information features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.

- WLST = WaveLinX LITE lifetime sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX LITE system specifications)
- WPST = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
- IC rated up to 3000 lumens
- Spun aluminum only
- PS available in self-flanged MW finish only
- Offered up to 2000 lumens
- Flange is the same finish as the reflector
- Requires knife edge accessory ring
- Anodized or spun reflectors
- Die cast only
- Available with narrow (N), medium (M) and medium 45 degree (MD) Spun Aluminum trims. Required for use with all IEMB0D, IEM7, IEM14, IEMV7 and IEMV14 housings. Not offered with remote driver.
- Offered with DLVP up to 3000 lumens.
- Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
- Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).

- Order die cast trim with flange type 4
- Order with self flanged trim.
- Use only with single LED/driver.
- If using remote driver order battery and controls with the remote driver.
- 120-277V
- Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others)
- Not recommended for use with Wall Wash
- WPN = WaveLinX PRO wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only.
- 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.
- Not compatible with 347V or Chicago plenum.
- Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S). Required for use with all IEMB0D6ST, IEM7, IEM14, IEMV7 and IEMV14 housings. Not offered with remote driver.
- Required for use with IEMB0D6ST. Not offered with remote driver.