

Project		Catalog #		Type	
Prepared by		Notes		Date	



Portfolio

LDA6A 6L

6-Inch Adjustable Slope Wall Wash
New Construction
1000-7000 Lumens

Typical Applications

Healthcare • Hospitality • Retail • Institutional • Indoor Display & Signage

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- Product Warranty

Product Certification



Control Compatibility



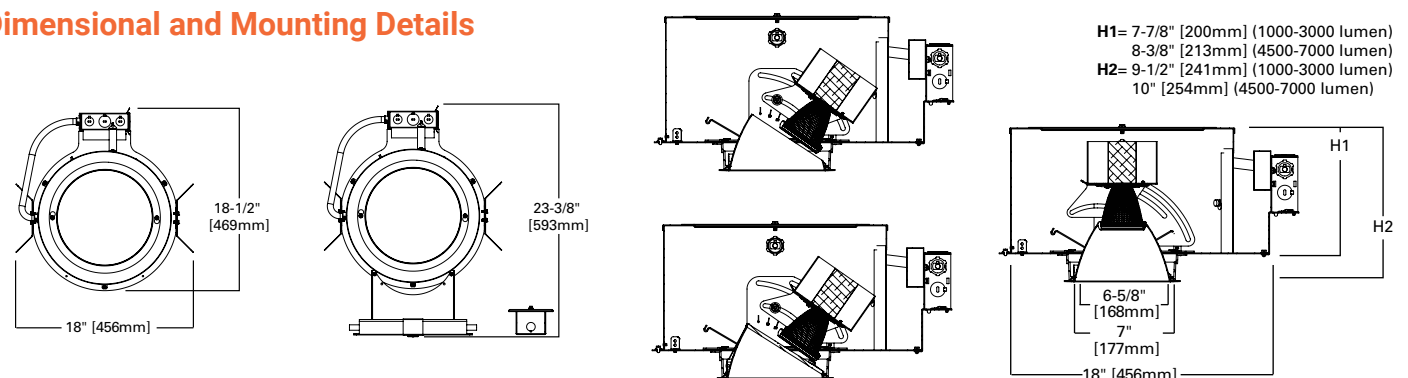
Product Features



Top Product Features

- Adjustable accent/slope or lensed wall wash (flat or sloped ceilings)
- Excellent light control and low aperture brightness
- Lockable 365° rotation and 45° tilt holds any aiming position
- Round spun aluminum reflectors, Holds 2 lens media
- 4 color temperatures: 2700K, 3000K, 3500K and 4000K CCT
- CRI: 80 or 90, D2W™ option from 3000K to 1850K
- Angle cut, lensed wall wash, lensed and flat cut downlight reflectors
- Lumens: 1,000-7,500
- Options to meet Trade Agreements Act requirements

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **LDA4A09835D010TE**

Domestic Preferences ⁽¹⁴⁾	Housing	Lumens ⁽¹⁾	CRI	CCT	Driver	Options ⁽⁹⁾⁽¹⁶⁾
[Blank]=Standard TAA=Trade Agreements Act	LDA6A=6" Aperture adjustable/slope LDA6ACP=6" Aperture adjustable/slope,Chicago Plenum	10=1000 (IC Rated) 15=1500 (IC Rated) 20=2000 (IC Rated) 30=3000 (Non IC) ⁽⁵⁾ 45=4500 (Non IC) ⁽⁵⁾⁽⁷⁾ 55=5500 (Non IC) ⁽⁵⁾⁽⁷⁾ 65=6500 (Non IC) ⁽⁵⁾⁽⁷⁾ 75=7500 (Non IC) ⁽⁵⁾⁽⁷⁾	8=80 CRI 9=90 CRI	27=2700K 30=3000K 35=3500K 40=4000K 30D2W= Dim to warm - 3000K to 1850K (1800 lumen and below, 90 CRI) ⁽⁸⁾	1000, 1500, 2000, 3000 and 4500 Lumen D010TE=120-277V 0-10V 1% dimming or trailing edge 120V Dimming 1000, 1500, 2000 and 3000 Lumen D010TR=120-277V 0-10V 1% dimming or leading edge 120V Dimming D5LT=Fifth Light® DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V DE010=0-10V Linear Dimming, 0% to 100%, 120V-277V DMX=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V ⁽¹⁰⁾ DMXC5=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection 5500, 6500, and 7500 Lumen D010=120-277V, 0-10V 10% Dimming	EMBOD=7W Bodine® Emergency Module with Remote Test Switch EMBOD7ST=Bodine® Emergency Module with Self Test Remote Test Switch EM7=7W Emergency Module with Remote Test Switch EM14=14W Emergency Module with Remote Test Switch WPN = WaveLinX PRO Wireless Node without sensor ⁽¹⁶⁾ WLN = WaveLinX LITE Wireless Node without sensor ⁽¹⁷⁾

SAMPLE ORDER NUMBER: **LARL20NF**

Beam Forming Reflector	
1000 to 3000 lumen LARL15SP=15° Reflector LARL20NF=20° Reflector LAR35FL=35° Reflector	4500 to 7500 lumen LARH20SP=20° Reflector LARH30NF=30° Reflector LARH40FL=40° Reflector

SAMPLE ORDER NUMBER: **6LA1LI**

Reflector	Finish		Options
6LA0=6" Adjustable Accent, Polymer Trim Ring 6LA1= 6" Adjustable Accent, Self Flanged 6LLW0=6" Lensed Wall Wash, Polymer Trim Ring ⁽⁹⁾ 6LLW1=6" Lensed Wall Wash, Self Flanged ⁽⁹⁾ 6LAL0=6" Lensed Adjustable Accent, Polymer Trim Ring 6LAL1=6" Lensed Adjustable Accent, Self Flanged 6LFC0=6" Flat Cut, Polymer Trim Ring 6LFC1=6" Flat Cut, Self Flanged	LI=Specular Clear H=Semi-Specular Clear WMH=Warm Haze G=Specular Gold WH=Wheat WHH=Wheat Haze	GP=Graphite GPH=Graphite Haze B=Specular Black MW=Matte White	Self-Flanged Only WF=White Painted Flange

Accessories ⁽¹⁵⁾				
TRM6P =Metal Trim Ring, White ⁽²⁾ TRM6MB =Metal Trim Ring, Black ⁽²⁾ TRR6 =Rimless Trim Ring ⁽²⁾ LGSKT6IP66 =IP66 Gasket Kit ⁽⁴⁾	Transformers H347=347 to 120V Step Down Transformer, 75VA H347200=347 to 120V StepDown Transformer, 200VA Connected Lighting Systems ⁽³⁾⁽¹¹⁾ WPST = Field installed WaveLinX sensor Kit ⁽¹²⁾ WLST = Field installed WaveLinX LITE Sensor Kit ⁽¹³⁾	Color Filters F22-20=Red F33-20=Blue F44-20=Green F55-20=Yellow F66-20=Mercury	Dichronic Filters F71-20=Peach F72-20=Amber F73-20=Green F74-20=Medium Blue F75-20=Yellow F76-20=Red F77-20=Dark Blue F78-20=Light Blue F79-20=Neutral Density F80-20=Magenta	Beam-Modifying Lenses LSL-20=Linear Spread Lens OSL-20=Overall Spread Lens DIF-20=Diffused Lens Louvers LVR-20=Hex Cell Louver
Bar Hangers HB26=C-channel Bar Hanger,26" Long, Pair TAA-HB26=Pair C-channel bar hanger, 26" long ⁽¹⁴⁾ HB50=C-channel Bar Hanger, 50" Long, Pair RMB22=Wood Joist Bar Hanger,22" Long, Pair				

- Notes:
- Nominal Lumens will vary depending on selected color, driver and reflector finish.
 - Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).
 - Not available with Chicago Plenum and requires above ceiling access. Not for use with insulation.
 - Required for T-24 compliance with lensed trims.
 - Product is marked spacing and must be installed with the following minimum spacing:
Center to center of adjacent luminaires: 36"
Center of luminaire to side of building member: 18"
Minimum overhead clearance: 1/2"
 - Not CSA approved.
 - Not available in Chicago Plenum.
 - Includes 30° distribution diffuse lens. Order with LARL15SP upper reflector. Reference ies files for output.
 - Use with narrow flood beam forming reflector and 30° tilt.
 - DMX fixtures default to full on upon loss of DMX signal.
 - Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.
 - WPST = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
 - WLST = WaveLinX LITE tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX LITE system specifications)
 - Only Product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
 - Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
 - WPN = WaveLinX PRO wireless node PROvides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only.
 - 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 0-10V driver only.

Product Specifications

Lower Reflector

- Spun 0.050" aluminum.
- Available in a variety of Alzak® and painted finishes.
- Two torsion springs pull trim tight to ceiling.
- Reflector is keyed to prevent improper orientation relative to LED position.
- Truncated adjustable cut cone allows for full tilt range and flexibility.
- Lensed wall wash provides even illumination on vertical surfaces.

Upper Reflector

- Field interchangeable optics provide smooth beam without color separation.
- Media holder fits onto upper reflector and holds up to two lens media.

Trim Ring

- Self flanged or white polymer trim ring.

Adjustment Mechanism

- Stable aiming and locking mechanism allows smooth 362° rotation and 45° elevation adjustment.
- Aiming scale enables consistent setting across multiple fixtures.

Housing

- One piece die cast 1-5/8" deep collar.
- 18 gauge CRS housing is painted matte black to eliminate stray light.
- Housing is toolless top accessible.

Universal Mounting Bracket

- Accepts 1/2" EMT, C-Channel, T bar fasteners and hanger bars.
- Provides 5" total adjustment.

Thermal

- Aluminum heat sink conducts heat away from the LED module for optimal performance and long life.

LED

- LED system contains a plurality of high brightness white LED's combined with a high reflectance upper reflector producing even distribution with no pixilation.
- Lumen output shall not decrease by more than 10% over the minimum life of 55,000 hours (L90 > 55,000 hours)
- Auto resetting, thermally protected, LED's are turned off when safe operating temperatures are exceeded.
- Color variation within 3-step MacAdam ellipses.
- D2W™ – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.

Driver

- Combination 120-277V 0-10V or 120V trailing edge phase cut driver provides flicker free dimming from 100% to 10%.
- Optional 1% 0-10V, Fifth Light, or DMX.
- Driver can be serviced from above or through the aperture.

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 - RealTime Location Services available.

WaveLinX PRO Wireless Node

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

WaveLinX LITE Tilemount Sensor Kit

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

WaveLinX LITE Wireless Node

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

WaveLinX Tilemount Sensor Kits Application

- The WPST and WLST tilemount sensor kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by direct-mount spring clips or via mounting bracket in octagon ceiling boxes.
- The WPST and WLST tilemount sensor kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.
- **Note: WaveLinX PRO devices are only compatible with the WaveLinX PRO system.**
- **Note: WaveLinX LITE devices are only compatible with the WaveLinX LITE system.**

Code Compliance

- Thermally PROtected
- cULus Certified to UL 1598 / C22.2 No. 250.0 suitable for wet locations with downlight; damp location with wall wash and hyperbolic with covered ceiling
- Optional City of Chicago environmental air (CCEA) marking for plenum applications.
- EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits.
- 3000 lumen Non-IC rated - Insulation must be kept 3" from top and sides of housing. IC rated up to 2000 lumen.
- RoHS Compliant.
- 3000 lumen and above are marked spacing and must follow spacing requirements.
- Photometric testing completed in accordance with IES LM 79 standards.
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Options to meet Trade Agreements Act requirements

Warranty

- Five year warranty www.cooperlighting.com/legal

Energy Data

ENERGY DATA		
Sound Rating: Class A standards		
T ambient -40 + 40°C		
Power Factor: >0.90		
THD < 20%		

1000 Lumen		
	120V	277V
Input Power	13.8W	15.0W
Input Current	0.12A	0.06A
Inrush Current	0.49A	0.85A

1500 Lumen		
	120V	277V
Input Power	22.9W	22.9W
Input Current	0.19A	0.09A
Inrush Current	0.72A	0.53A

2000 Lumen		
	120V	277V
Input Power	29.1W	29.4W
Input Current	0.24A	0.12A
Inrush Current	0.79A	1.09A

3000 Lumen		
	120V	277V
Input Power	44.5W	44.2W
Input Current	0.37A	0.17A
Inrush Current	1.09A	1.23A

4500 Lumen		
	120V	277V
Input Power	54.4W	52.2W
Input Current	0.46A	0.2A
Inrush Current	0.48A	1.316A

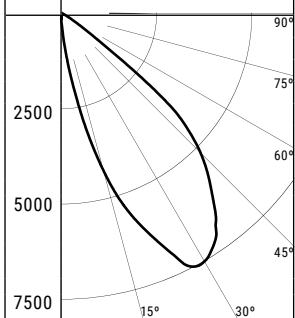
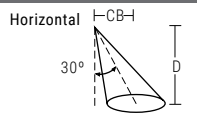
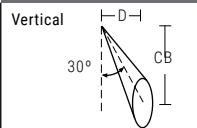
5500 Lumen		
	120V	277V
Input Power	60.8W	60.5W
Input Current	0.51A	0.24A
Inrush Current	1.248A	2.944A

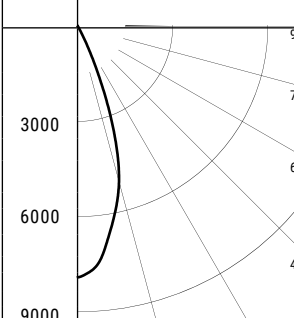
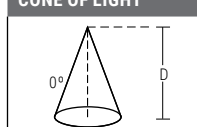
6500 Lumen		
	120V	277V
Input Power	78.7W	77.5W
Input Current	0.66A	0.3A
Inrush Current	0.224A	0.704A

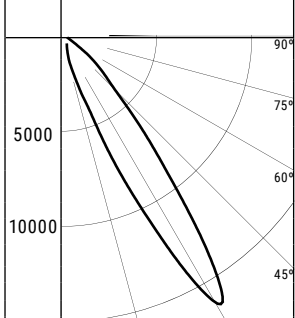
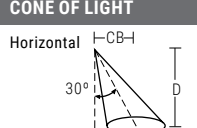
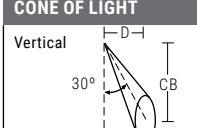
7500 Lumen		
	120V	277V
Input Power	78.7W	77.5W
Input Current	0.66A	0.3A
Inrush Current	0.224A	0.704A

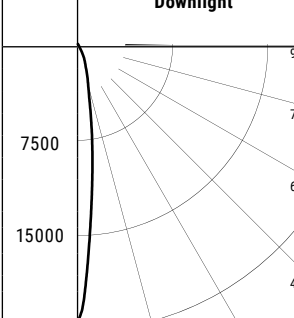
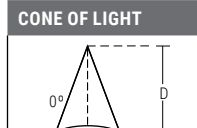
Photometric Data

 View IES files

Test Number P175593 Housing LDA6A30835D-010TE Trim LAR35FL 6LAL1 30° Tilt Lumens 2489 Lm Efficacy 55.9Lm/W	CANDLEPOWER DISTRIBUTION Directional 	CONE OF LIGHT Horizontal  <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> <th>CB</th> </tr> </thead> <tbody> <tr><td>5.5'</td><td>52.3</td><td>5.7</td><td>4.8</td><td>3.2</td></tr> <tr><td>7'</td><td>32.3</td><td>7.3</td><td>6</td><td>4</td></tr> <tr><td>8'</td><td>24.7</td><td>8.4</td><td>7</td><td>4.6</td></tr> <tr><td>9'</td><td>19.5</td><td>9.4</td><td>7.8</td><td>5.2</td></tr> <tr><td>10'</td><td>15.8</td><td>10.5</td><td>8.6</td><td>5.8</td></tr> <tr><td>12'</td><td>11</td><td>12.5</td><td>10.4</td><td>6.9</td></tr> </tbody> </table>	MH	FC	L	W	CB	5.5'	52.3	5.7	4.8	3.2	7'	32.3	7.3	6	4	8'	24.7	8.4	7	4.6	9'	19.5	9.4	7.8	5.2	10'	15.8	10.5	8.6	5.8	12'	11	12.5	10.4	6.9	CONE OF LIGHT Vertical  <table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> <th>CB</th> </tr> </thead> <tbody> <tr><td>1'</td><td>5254.9</td><td>0.6</td><td>0.6</td><td>1.7</td></tr> <tr><td>2'</td><td>1313.7</td><td>1.2</td><td>1.2</td><td>3.5</td></tr> <tr><td>3'</td><td>583.9</td><td>2</td><td>1.8</td><td>5.2</td></tr> <tr><td>4'</td><td>328.4</td><td>2.6</td><td>2.6</td><td>6.9</td></tr> <tr><td>5'</td><td>210.2</td><td>3.3</td><td>3.2</td><td>8.7</td></tr> <tr><td>6'</td><td>146</td><td>4</td><td>3.8</td><td>10.4</td></tr> </tbody> </table>	D	FC	L	W	CB	1'	5254.9	0.6	0.6	1.7	2'	1313.7	1.2	1.2	3.5	3'	583.9	2	1.8	5.2	4'	328.4	2.6	2.6	6.9	5'	210.2	3.3	3.2	8.7	6'	146	4	3.8	10.4	CANDELA TABLE <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>182</td></tr> <tr><td>5</td><td>685</td></tr> <tr><td>15</td><td>4263</td></tr> <tr><td>25</td><td>6978</td></tr> <tr><td>35</td><td>7044</td></tr> <tr><td>45</td><td>5112</td></tr> <tr><td>55</td><td>751</td></tr> <tr><td>65</td><td>18</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	182	5	685	15	4263	25	6978	35	7044	45	5112	55	751	65	18	75	0	85	0	90	0	ZONAL LUMEN SUMMARY <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>%Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>997</td><td>40.1</td></tr> <tr><td>0-40</td><td>1802</td><td>72.4</td></tr> <tr><td>0-60</td><td>2476</td><td>99.5</td></tr> <tr><td>0-90</td><td>2489</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>2489</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	%Fixture	0-30	997	40.1	0-40	1802	72.4	0-60	2476	99.5	0-90	2489	100	90-180	0	0	0-180	2489	100
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Test Number P175529 Housing LDA6A30835D010TE Trim LAR35FL 6LFC1 Lumens 2690 Lm Efficacy 60.5 Lm/W SC 0.6	CANDLEPOWER DISTRIBUTION Downlight 	CONE OF LIGHT  <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>5.5'</td><td>261.3</td><td>3.2</td><td>3.2</td></tr> <tr><td>7'</td><td>161.3</td><td>4.2</td><td>4.2</td></tr> <tr><td>8'</td><td>123.5</td><td>4.8</td><td>4.8</td></tr> <tr><td>9'</td><td>97.6</td><td>5.4</td><td>5.4</td></tr> <tr><td>10'</td><td>79.1</td><td>6</td><td>6</td></tr> <tr><td>12'</td><td>54.9</td><td>7.2</td><td>7.2</td></tr> </tbody> </table>	MH	FC	L	W	5.5'	261.3	3.2	3.2	7'	161.3	4.2	4.2	8'	123.5	4.8	4.8	9'	97.6	5.4	5.4	10'	79.1	6	6	12'	54.9	7.2	7.2	CANDELA TABLE <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>7905</td></tr> <tr><td>5</td><td>7515</td></tr> <tr><td>15</td><td>5097</td></tr> <tr><td>25</td><td>1179</td></tr> <tr><td>35</td><td>58</td></tr> <tr><td>45</td><td>5</td></tr> <tr><td>55</td><td>1</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	7905	5	7515	15	5097	25	1179	35	58	45	5	55	1	65	0	75	0	85	0	90	0	ZONAL LUMEN SUMMARY <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>%Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>2634</td><td>97.9</td></tr> <tr><td>0-40</td><td>2684</td><td>99.8</td></tr> <tr><td>0-60</td><td>2690</td><td>100</td></tr> <tr><td>0-90</td><td>2690</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>2690</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	%Fixture	0-30	2634	97.9	0-40	2684	99.8	0-60	2690	100	0-90	2690	100	90-180	0	0	0-180	2690	100
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Test Number P175465 Housing LDA6A30835D-010TE Trim LARL15SP 6LAL1 30° Tilt Lumens 2222 Lm Efficacy 49.9 Lm/W	CANDLEPOWER DISTRIBUTION Directional 	CONE OF LIGHT Horizontal  <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> <th>CB</th> </tr> </thead> <tbody> <tr><td>5.5'</td><td>73.6</td><td>5.5</td><td>2.8</td><td>3.2</td></tr> <tr><td>7'</td><td>45.5</td><td>7</td><td>3.6</td><td>4</td></tr> <tr><td>8'</td><td>34.8</td><td>8</td><td>4</td><td>4.6</td></tr> <tr><td>9'</td><td>27.5</td><td>9</td><td>4.6</td><td>5.2</td></tr> <tr><td>10'</td><td>22.3</td><td>9.8</td><td>5.2</td><td>5.8</td></tr> <tr><td>12'</td><td>15.5</td><td>11.7</td><td>6.2</td><td>6.9</td></tr> </tbody> </table>	MH	FC	L	W	CB	5.5'	73.6	5.5	2.8	3.2	7'	45.5	7	3.6	4	8'	34.8	8	4	4.6	9'	27.5	9	4.6	5.2	10'	22.3	9.8	5.2	5.8	12'	15.5	11.7	6.2	6.9	CONE OF LIGHT Vertical  <table border="1"> <thead> <tr> <th>D</th> <th>FC</th> <th>L</th> <th>W</th> <th>CB</th> </tr> </thead> <tbody> <tr><td>1'</td><td>10547.9</td><td>0.3</td><td>0.2</td><td>1.7</td></tr> <tr><td>2'</td><td>2637</td><td>0.6</td><td>0.4</td><td>3.5</td></tr> <tr><td>3'</td><td>1172</td><td>0.9</td><td>0.8</td><td>5.2</td></tr> <tr><td>4'</td><td>659.2</td><td>1.3</td><td>1</td><td>6.9</td></tr> <tr><td>5'</td><td>421.9</td><td>1.6</td><td>1.4</td><td>8.7</td></tr> <tr><td>6'</td><td>293</td><td>1.9</td><td>1.6</td><td>10.4</td></tr> </tbody> </table>	D	FC	L	W	CB	1'	10547.9	0.3	0.2	1.7	2'	2637	0.6	0.4	3.5	3'	1172	0.9	0.8	5.2	4'	659.2	1.3	1	6.9	5'	421.9	1.6	1.4	8.7	6'	293	1.9	1.6	10.4	CANDELA TABLE <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>327</td></tr> <tr><td>5</td><td>1114</td></tr> <tr><td>15</td><td>3141</td></tr> <tr><td>25</td><td>11302</td></tr> <tr><td>35</td><td>10960</td></tr> <tr><td>45</td><td>2853</td></tr> <tr><td>55</td><td>43</td></tr> <tr><td>65</td><td>5</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	327	5	1114	15	3141	25	11302	35	10960	45	2853	55	43	65	5	75	1	85	0	90	0	ZONAL LUMEN SUMMARY <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>%Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>1049</td><td>47.2</td></tr> <tr><td>0-40</td><td>1846</td><td>83.1</td></tr> <tr><td>0-60</td><td>2214</td><td>99.7</td></tr> <tr><td>0-90</td><td>2222</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>2222</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	%Fixture	0-30	1049	47.2	0-40	1846	83.1	0-60	2214	99.7	0-90	2222	100	90-180	0	0	0-180	2222	100
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Photometric Data

View IES files

Test Number: P175497 Housing: LDA6A30835D-010TE Trim: ARL20NF 6LAL1 30° Tilt Lumens: 2566 Lm Efficacy: 57.7 Lm/W	CANDLEPOWER DISTRIBUTION Directional	CONE OF LIGHT Horizontal	CONE OF LIGHT Vertical	CANDELA TABLE <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>58</td></tr> <tr><td>5</td><td>561</td></tr> <tr><td>15</td><td>3193</td></tr> <tr><td>25</td><td>13468</td></tr> <tr><td>35</td><td>14168</td></tr> <tr><td>45</td><td>4072</td></tr> <tr><td>55</td><td>133</td></tr> <tr><td>65</td><td>5</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	58	5	561	15	3193	25	13468	35	14168	45	4072	55	133	65	5	75	0	85	0	90	0	ZONAL LUMEN SUMMARY <table border="1"> <thead> <tr> <th>Zone</th> <th>Lu-mens</th> <th>%Fix-ture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>1092</td><td>42.6</td></tr> <tr><td>0-40</td><td>2122</td><td>82.7</td></tr> <tr><td>0-60</td><td>2557</td><td>99.6</td></tr> <tr><td>0-90</td><td>2566</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>2566</td><td>100</td></tr> </tbody> </table>	Zone	Lu-mens	%Fix-ture	0-30	1092	42.6	0-40	2122	82.7	0-60	2557	99.6	0-90	2566	100	90-180	0	0	0-180	2566	100																						
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Test Number: P175433 Housing: LDA6A30835D010TE Trim: LARL20NF 6LFC1 Lumens: 2695 Lm Efficacy: 60.6Lm/W SC: 0.34	CANDLEPOWER DISTRIBUTION Downlight	CONE OF LIGHT Horizontal	CONE OF LIGHT Vertical	CANDELA TABLE <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>17845</td></tr> <tr><td>5</td><td>14698</td></tr> <tr><td>15</td><td>3736</td></tr> <tr><td>25</td><td>627</td></tr> <tr><td>35</td><td>8</td></tr> <tr><td>45</td><td>1</td></tr> <tr><td>55</td><td>0</td></tr> <tr><td>65</td><td>0</td></tr> <tr><td>75</td><td>0</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	17845	5	14698	15	3736	25	627	35	8	45	1	55	0	65	0	75	0	85	0	90	0	ZONAL LUMEN SUMMARY <table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>%Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>2686</td><td>99.7</td></tr> <tr><td>0-40</td><td>2694</td><td>100</td></tr> <tr><td>0-60</td><td>2695</td><td>100</td></tr> <tr><td>0-90</td><td>2695</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>2695</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	%Fixture	0-30	2686	99.7	0-40	2694	100	0-60	2695	100	0-90	2695	100	90-180	0	0	0-180	2695	100															
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Test Number: P175561 Housing: LDA6A30835D-010TE Trim: LAR35FL 6LLWW1 Lumens: 2015 Lm Efficacy: 45.3Lm/W	CANDLEPOWER DISTRIBUTION Directional	CONE OF LIGHT Horizontal	CONE OF LIGHT Vertical	CANDELA TABLE <table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>427</td></tr> <tr><td>5</td><td>726</td></tr> <tr><td>15</td><td>1654</td></tr> <tr><td>25</td><td>2420</td></tr> <tr><td>35</td><td>2384</td></tr> <tr><td>45</td><td>1609</td></tr> <tr><td>55</td><td>551</td></tr> <tr><td>65</td><td>108</td></tr> <tr><td>75</td><td>8</td></tr> <tr><td>85</td><td>3</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	427	5	726	15	1654	25	2420	35	2384	45	1609	55	551	65	108	75	8	85	3	90	0	ZONAL LUMEN SUMMARY <table border="1"> <thead> <tr> <th>Zone</th> <th>Lu-mens</th> <th>%Fix-ture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>694</td><td>34.5</td></tr> <tr><td>0-40</td><td>1263</td><td>62.7</td></tr> <tr><td>0-60</td><td>1959</td><td>97.2</td></tr> <tr><td>0-90</td><td>2015</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>2015</td><td>100</td></tr> </tbody> </table>	Zone	Lu-mens	%Fix-ture	0-30	694	34.5	0-40	1263	62.7	0-60	1959	97.2	0-90	2015	100	90-180	0	0	0-180	2015	100																						
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SINGLE UNIT FOOTCANDLES							MULTIPLE UNIT FOOTCANDLES		
DD	2 FROM WALL (Distance From Fixture Along Wall)						3' FROM WALL (Spacing Between Fixtures)		
	●	1'	2'	3'	4'	5'	●	3' apart	●
1'	33.4	12.6	1.3	0.2	0.1	0	2.5	1.7	2.5
2'	200.1	103.4	20.5	2.8	0.5	0.1	45.1	36.4	45.1
3'	136.7	89.5	31.4	8.4	1.9	0.5	98	91.9	98
4'	69.6	52.5	25	9.8	3.5	1.1	87.1	90.1	87.1
5'	34.8	28.6	16.9	8.4	3.9	1.7	62.4	67.8	62.4
6'	18.5	16.1	10.8	6.4	3.5	1.8	42.1	46.7	42.1
7'	10.5	9.5	7	4.7	2.9	1.7	28	31.2	28
8'	6.3	5.9	4.6	3.3	2.3	1.5	19	20.9	19
9'	4	3.8	3.1	2.4	1.8	1.2	13.1	14.3	13.1
10'	2.7	2.6	2.2	1.8	1.4	1	9.2	10	9.2

Connected Solutions



WaveLinX LITE Wireless Node - WLN

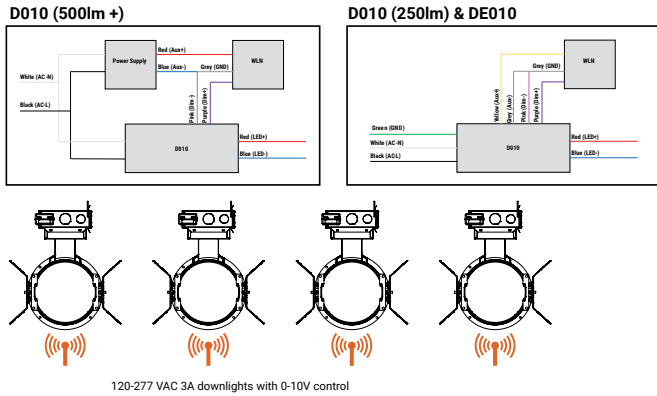
WaveLinX LITE devices only compatible with the WaveLinX LITE system.

- 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**

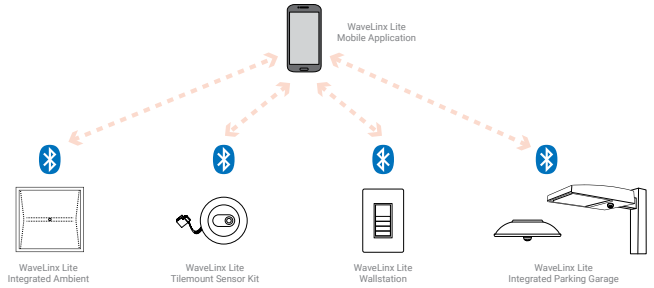
WaveLinX mobile app settings



WaveLinX LITE Wireless Node (WLN) Wiring Diagram



WaveLinX LITE Bluetooth Enabled System



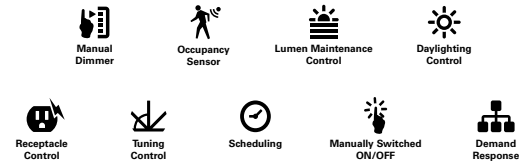
WaveLinX PRO devices only compatible with the WaveLinX PRO system.



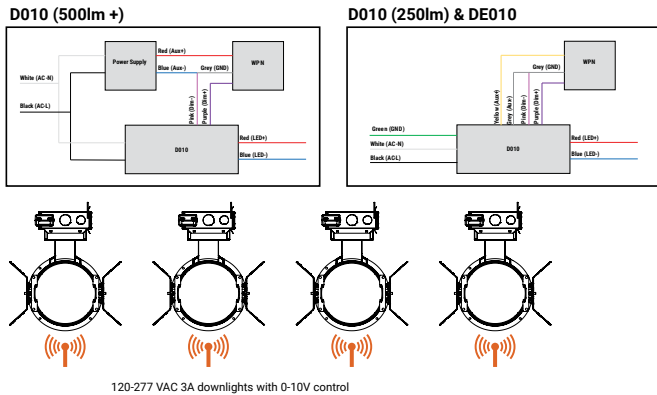
WaveLinX PRO Wireless Node - WPN

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

WaveLinX mobile app settings



WaveLinX PRO Wireless Node (WPN) Wiring Diagram



WaveLinX CORE Building Management Integration

