

Project		Catalog #		Type	
Prepared by		Notes		Date	



PORTFOLIO

LDA6A 6L

6-Inch Adjustable Slope Wall Wash
New Construction
1000-7500 Lumens

Typical Applications

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

Interactive Menu

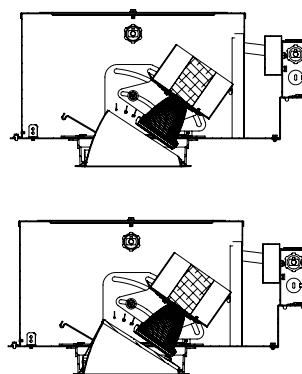
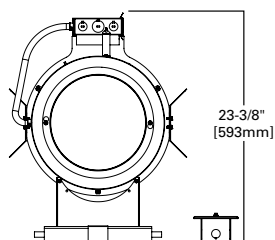
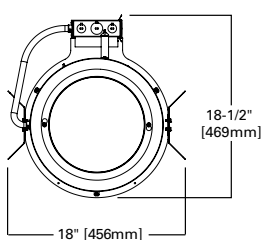
- Order Information [page 2](#)
- Product Specifications [page 3](#)
- Energy & Performance Data [page 3](#)
- Photometric Data [page 4](#)
- Connected Systems [page 6](#)
- Product Warranty



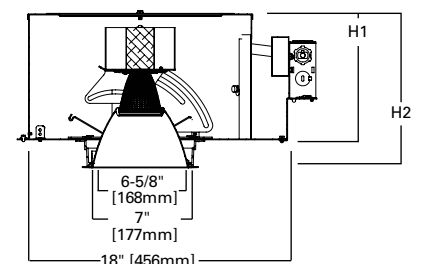
Top Product Features

- 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
- 2400K, 2700K, 3000K, 3500K, 4000K and 5000K CCT
- CRI: 90, 97 and 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 Buy American and other domestic preference requirements

Dimensional and Mounting Details



H1= 7-7/8" [200mm] (1000-3500 lumen)
8-3/8" [213mm] (4000-7000 lumen)
H2= 9-1/2" [241mm] (1000-3500 lumen)
10" [254mm] (4000-7000 lumen)



Order Information

SAMPLE ORDER NUMBER: LDA6A09835D010TE

Domestic Preferences ⁽¹⁴⁾	Housing	Lumens ⁽¹⁾	CRI	CCT	Voltage	Driver	Options ^{(3) (6)}
[Blank] =Standard BAA =Buy American Act 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) 25=2500 (Non IC) 30=3000 (Non IC) 35=3500 (Non IC) 40=4000 (Non IC) 45=4500 (Non IC) ⁽⁷⁾ 50=5000 (Non IC) ⁽⁷⁾ 55=5500 (Non IC) ⁽⁷⁾ 60=6000 (Non IC) ⁽⁷⁾ 65=6500 (Non IC) ⁽⁷⁾ 70=7000 (Non IC) ⁽⁷⁾ 75=7500 (Non IC) ⁽⁷⁾⁽²⁰⁾	90=90 CRI 97=97 CRI (2700K and 3000K only)	24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K 30D2W= Dim to warm - 3000K to 1850K (2000 lumen and below, 90 CRI) ⁽⁸⁾	[Blank] =120-277V For 2000 lumens and below 1=120V 2500 lumens and above 2=277V 2500 lumens and above 3=347V (D010 driver 1000-2000)	D010 =0-10V, 1%-100% D010TR =0-10V or (120V) phase cut dimming 1%-100% (up to 4000 lumens) DE010 =0-10V linear dimming, 0.1%-100% (up to 6500 lumens) D5LT =DALI T6 Logarithmic Dimming, 0.1%-100% (up to 6500 lumens) DMX =DMX/RDM Logarithmic Dimming, 0.1%-100% (up to 4500 lumens) ⁽¹⁹⁾ DMXC5 =DMX/RDM Logarithmic Dimming, 0.1%-100% with RJ45 connection (up to 4500 lumens) ⁽¹⁹⁾ DLE =Lutron Ecosystem dimming 1%-100% (up to 3500 lumens)	EMBOD =7W Bodine® Emergency Module with Remote Test Switch EMBOD6ST =6W Bodine® Self Test Emergency Module with Remote Test Switch EMBOD7ST =7W 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⁾ WPST =Factory installed WaveLinX PRO (includes control module, sensor, cable, tile mount and ceiling mount sensor) ^{(11) (12)} WLST =Factory installed WaveLinX LITE Sensor Kit ^{(11) (13)}

SAMPLE ORDER NUMBER: LARL20NF

Beam Forming Optic	
1000 to 3500 lumen LARL15SP =15° Reflector LARL20NF =20° Reflector LAR35FL =35° Reflector	4000 to 7500 lumen LARH20SP =20° Reflector LARH30NF =30° Reflector LARH40FL =40° Reflector

SAMPLE ORDER NUMBER: 6LA1LI

Domestic Preferences ⁽¹⁴⁾	Reflector		Finish		Options
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	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 =Trimless Trim Ring ⁽²⁾ LGSKT6IP66 =IP66 Gasket Kit ⁽⁴⁾ 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	Transformers H347 =347 to 120V Step Down Transformer, 75VA ⁽¹⁸⁾ 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

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)
- To order product that is compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act (TAA), use the online specification configurator to specify BAA or TAA. Please refer to [DOMESTIC PREFERENCES LINK](#) for more information. Components shipped separately may be separately analyzed

- under domestic preference requirements. Accessories sold separately will be separately analyzed under domestic preference requirements.
- 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.
 - Limited to 6500 Lumens
 - DMX fixtures default to full on upon loss of DMX signal
 - Limited to 30° and 40° optics

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.

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 120/277V only.

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.
- 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)
- 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

- Standard 120-277V 0-10V dimming driver provides flicker-free dimming from 100% to 1%
- Optional combination 120V phase cut/0.1% 0-10V, Fifth Light, DMX or Lutron®
- 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 - Real Time Location Services available.

WaveLinX PRO Wireless Node

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

WaveLinX LITE Tilemount Sensor Kit

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

WaveLinX LITE Wireless Node

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

WaveLinX Tilemount Sensor Kits Application

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

Code Compliance

- Thermally protected
- cULus Certified to UL 1598 / C22.2 No. 250.0 suitable for wet location with lensed trim; damp location with wall wash with covered ceiling
- cULus listed for 25°C ambient environments
- Optional City of Chicago environmental air (CCEA) marking for plenum applications.
- EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits.
- IC rated up to 2000 lumen. 2500 lumen and above Non-IC rated.
- RoHS Compliant.
- 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 and Performance Data

Series	1000 Lumen		1500 Lumen		2000 Lumen		2500 Lumen		3000 Lumen		3500 Lumen	
	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Power	12.3W	12.8W	20.9W	21W	25.3W	25.1W	33W	32.6W	32W	32.6W	39.8W	39.8W
Input Current	0.15A	0.08A	0.23A	0.14A	0.28A	0.15A	0.28A	0.12A	0.28A	0.12A	0.33A	0.15A
Inrush Current	5.29A	11.85A	5.31A	11.97A	5.34A	12.17A	2.5A	11.8A	3.6A	11.8A	3.1A	14.3A
Sound Rating	Class A standards											
Power Factor	< 20%											
THD	>0.90											

Series	4000 Lumen		4500 Lumen		5000 Lumen		5500 Lumen		6000 Lumen		6500 Lumen	
	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Power	48.4W	47.9W	54.7W	55.7W	58.7W	58W	63W	62W	64.9W	65.7W	68.4W	69W
Input Current	0.4A	0.18A	0.7A	0.37A	0.49A	0.22A	0.53A	0.23A	0.54A	0.25A	0.57A	0.27A
Inrush Current	3.1A	14.5A	23.8A	52.4A	5.6A	22.6A	5.1A	23.1A	6.2A	27.5A	6.3A	28.4A
Sound Rating	Class A standards											
Power Factor	< 20%											
THD	>0.90											

Series	7000 Lumen		7500 Lumen	
	120V	277V	120V	277V
Input Power	75.6W	75.9W	85.2W	85.7W
Input Current	0.63A	0.29A	1.02A	0.51A
Inrush Current	6.4A	29.1A	6.5A	29.6A
Sound Rating	Class A standards			
Power Factor	< 20%			
THD	>0.90			

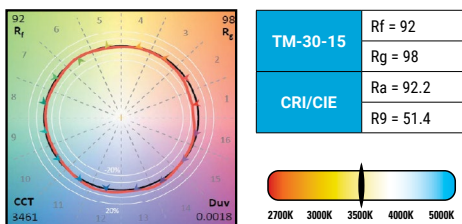
Minimum starting temperature -30°C (-22°F)*
 (Nominal input 120-277VAC & 100% of rated output power)

Sound Rating: Class A standards

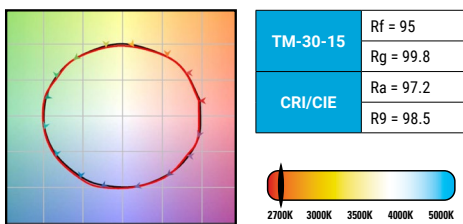
Notes:
 Emergency Battery packs are rated for a minimum starting temperature of 0°C.

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

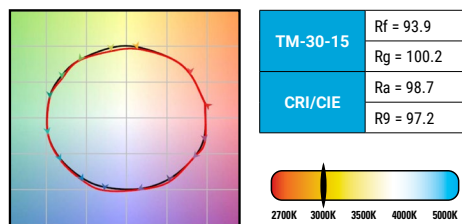
90 CRI Color Metric Summary - 3500K*



97 CRI Color Metric Summary - 2700K*



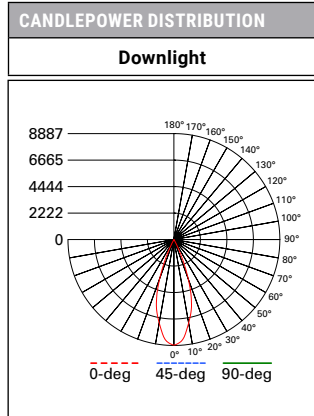
97 CRI Color Metric Summary - 3000K*



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

Photometric Data

35° with LAR35FL optic and 6LFC1 reflector	
Test Number	P1192114
Housing	LDA6A30935D010TE
Module	LAR35FL
Trim	6LFC1
Lumens	3024 Lm
Efficacy	76 Lm/W
SC	0.6



CONE OF LIGHT

D	FC	L	W
5.5'	293.8	3.2	3.2
7'	181.4	4.2	4.2
8'	138.9	4.8	4.8
9'	109.7	5.4	5.4
10'	88.9	6	6
12'	61.7	7.2	7.2

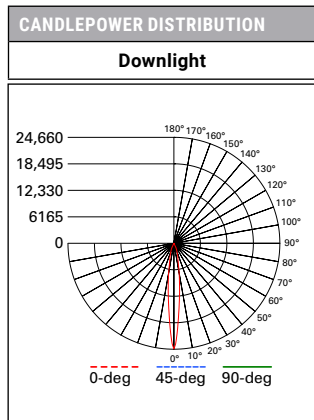
CANDELA TABLE

Degrees Vertical	Candela
0	8887
5	8448
15	5730
25	1326
35	65
45	6
55	1
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	2961	97.9
0-40	3017	99.8
0-60	3024	100
0-90	3024	100
90-180	0	0
0-180	3024	100

15° with LAR15SP optic and 6LFC1 reflector	
Test Number	P1192117
Housing	LDA6A30935D010TE
Module	LAR15SP
Trim	6LFC1
Lumens	2655 Lm
Efficacy	66.7 Lm/W
SC	0.21



CONE OF LIGHT

D	FC	L	W
5.5'	815.2	1	1
7'	503.3	1.4	1.4
8'	385.3	1.6	1.6
9'	304.4	1.8	1.8
10'	246.6	2	2
12'	171.3	2.4	2.4

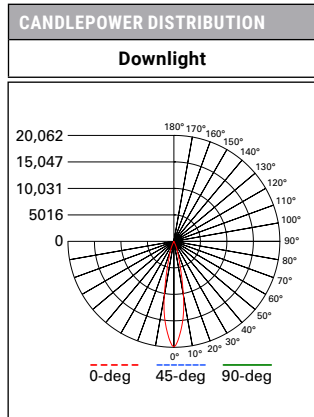
CANDELA TABLE

Degrees Vertical	Candela
0	24660
5	14224
15	3597
25	1224
35	6
45	2
55	0
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	2649	99.8
0-40	2654	99.9
0-60	2655	100
0-90	2655	100
90-180	0	0
0-180	2655	100

20° with LAR20NF optic and 6LFC1 reflector	
Test Number	P1192119
Housing	LDA6A30935D010TE
Module	LAR20NF
Trim	6LFC1
Lumens	3030 Lm
Efficacy	76.1 Lm/W
SC	0.35



CONE OF LIGHT

D	FC	L	W
5.5'	663.2	1.8	1.8
7'	409.4	2.4	2.4
8'	313.5	2.8	2.8
9'	247.7	3	3
10'	200.6	3.4	3.4
12'	139.3	4.2	4.2

CANDELA TABLE

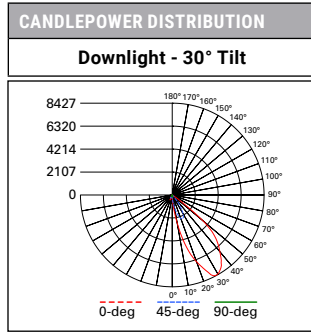
Degrees Vertical	Candela
0	20062
5	16524
15	4200
25	705
35	9
45	1
55	0
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30	3020	99.7
0-40	3028	100
0-60	3030	100
0-90	3030	100
90-180	0	0
0-180	3030	100

Photometric Data

35° with LAR35FL optic and 6LFC1 reflector - 30° Tilt	
Test Number	P1192113
Housing	LDA6A30935D010TE
Module	LAR35FL
Trim	6LAL1
Lumens	2798 Lm
Efficacy	70.3 Lm/W
SC	0.61



0° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR				
D	FC	L	W	
5.5'	196.1	3.4	3.4	
7'	121.1	4.4	4.4	
8'	92.7	5.1	5	
9'	73.3	5.7	5.6	
10'	59.3	6.4	6.4	
12'	41.2	7.7	7.6	

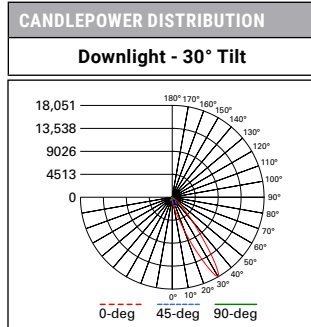
30° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR					
D	FC	L	W	CB	
5.5'	58.8	5.7	4.8	3.2	
7'	36.3	7.3	6	4	
8'	27.8	8.4	7	4.6	
9'	22	9.4	7.8	5.2	
10'	17.8	10.5	8.6	5.8	
12'	12.4	12.5	10.4	6.9	

30° AIMING ANGLE VERTICAL ILLUMINANCE ON WALL					
D	FC	L	W	CB	
1'	5907.5	0.6	0.6	1.7	
2'	1476.9	1.2	1.2	3.5	
3'	656.4	2	1.8	5.2	
4'	369.2	2.6	2.6	6.9	
5'	236.3	3.3	3.2	8.7	
6'	164.1	4	3.8	10.4	

CANDELA TABLE	
Degrees Vertical	Candela
0	205
5	770
15	4793
25	7845
35	7919
45	5747
55	844
65	20
75	0
85	0
90	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	1121	40.1
0-40	2025	72.4
0-60	2783	99.5
0-90	2798	100
90-180	0	0
0-180	2798	100

15° with LAR15SP optic and 6LFC1 reflector - 30° Tilt	
Test Number	P1192116
Housing	LDA6A30935D010TE
Module	LAR15SP
Trim	6LAL1
Lumens	2498 Lm
Efficacy	62.8 Lm/W
SC	0.33



0° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR				
D	FC	L	W	
5.5'	390	1.8	1.6	
7'	240.8	2.4	2	
8'	184.3	2.7	2.4	
9'	145.6	3.1	2.6	
10'	118	3.5	3	
12'	81.9	4.2	3.6	

30° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR					
D	FC	L	W	CB	
5.5'	82.8	5.5	2.8	3.2	
7'	51.1	7	3.6	4	
8'	39.1	8	4	4.6	
9'	30.9	9	4.6	5.2	
10'	25	9.8	5.2	5.8	
12'	17.4	11.7	6.2	6.9	

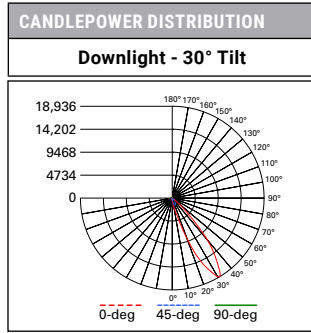
30° AIMING ANGLE VERTICAL ILLUMINANCE ON WALL					
D	FC	L	W	CB	
1'	11857.8	0.3	0.2	1.7	
2'	2964.5	0.6	0.4	3.5	
3'	1317.5	0.9	0.8	5.2	
4'	741.1	1.3	1	6.9	
5'	474.3	1.6	1.4	8.7	
6'	329.4	1.9	1.6	10.4	

CANDELA TABLE	
Degrees Vertical	Candela
0	368
5	1253
15	3531
25	12705
35	12322
45	3207
55	48
65	6
75	1
85	0
90	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	1180	47.2
0-40	2076	83.1
0-60	2489	99.7
0-90	2498	100
90-180	0	0
0-180	2498	100

Photometric Data

20° with LAR20NF optic and 6LFC1 reflector - 30° Tilt	
Test Number	P1192118
Housing	LDA6A30935D010TE
Module	LAR20NF
Trim	6LAL1
Lumens	2885 Lm
Efficacy	72.5 Lm/W
SC	0.43



0° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR				
D	FC	L	W	
5.5'	403.5	2.4	2.2	
7'	249.1	3.1	2.8	
8'	190.7	3.6	3.2	
9'	150.7	4	3.6	
10'	122.1	4.5	4	
12'	84.8	5.4	4.8	

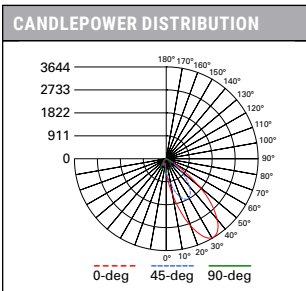
30° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR					
D	FC	L	W	CB	
5.5'	94.4	5.5	3.4	3.2	
7'	58.3	7	4.4	4	
8'	44.6	7.9	5	4.6	
9'	35.3	8.9	5.6	5.2	
10'	28.6	9.8	6.2	5.8	
12'	19.8	11.7	7.6	6.9	

30° AIMING ANGLE VERTICAL ILLUMINANCE ON WALL					
D	FC	L	W	CB	
1'	12795	0.3	0.2	1.7	
2'	3198.7	0.8	0.6	3.5	
3'	1421.7	1.2	1	5.2	
4'	799.7	1.7	1.4	6.9	
5'	511.8	2.2	1.8	8.7	
6'	355.4	2.6	2.2	10.4	

CANDELA TABLE	
Degrees Vertical	Candela
0	65
5	631
15	3589
25	15140
35	15927
45	4577
55	150
65	6
75	0
85	0
90	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	1228	42.6
0-40	2385	82.7
0-60	2874	99.6
0-90	2885	100
90-180	0	0
0-180	2885	100

WALL WASH	
Test Number	P1192115
Housing	LDA6A30935D010TE
Module	LAR35FL
Trim	6LLWW1
Lumens	2265 Lm
Efficacy	56.9 Lm/W
SC	1.13
UGR	0



CANDELA TABLE	
Degrees Vertical	Candela
0	535
5	907
15	2140
25	3385
35	3549
45	2545
55	899
65	148
75	10
85	1
90	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Fixture
0-30	781	34.5
0-40	1420	62.7
0-60	2203	97.2
0-90	2265	100
90-180	0	0
0-180	2265	100

Single Unit Footcandles 3" from wall (distance from fixture along wall)				
DD	•	1'	2'	3'
1'	37.5	14.2	1.4	0.2
2'	225	116.2	23	3.1
3'	153.7	100.6	35.3	9.4
4'	78.2	59	28.2	11.1
5'	39.1	32.2	19	9.4
6'	20.9	18.1	12.2	7.2
7'	11.8	10.7	7.8	5.2
8'	7.1	6.6	5.2	3.7
9'	4.6	4.3	3.5	2.7
10'	3.1	2.9	2.5	2

0° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR				
D	FC	L	W	
5.5'	83.3	3.9	4.4	
7'	51.4	5	5.6	
8'	39.4	5.7	6.4	
9'	31.1	6.5	7.2	
10'	25.2	7.2	8	
12'	17.5	8.7	9.6	

30° AIMING ANGLE HORIZONTAL ILLUMINANCE ON FLOOR					
D	FC	L	W	CB	
5.5'	25.6	6.8	6	3.2	
7'	15.8	8.7	7.6	4	
8'	12.1	9.9	8.8	4.6	
9'	9.6	11.2	10	5.2	
10'	7.8	12.3	11	5.8	
12'	5.4	14.7	13.2	6.9	

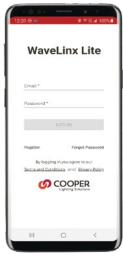
30° AIMING ANGLE VERTICAL ILLUMINANCE ON WALL					
D	FC	L	W	CB	
1'	2676	0.6	0.6	1.7	
2'	669	1.3	1.4	3.5	
3'	297.3	1.9	2.2	5.2	
4'	167.3	2.6	3	6.9	
5'	107	3.4	3.8	8.7	
6'	74.3	4	4.6	10.4	

Multiple Unit Footcandles 3" from wall (spacing between fixtures)		
•	-- 3' --	•
2.8	1.9	2.8
50.7	40.9	50.7
110.2	103.3	110.2
98	101.3	98
70.2	76.2	70.2
47.3	52.5	47.3
31.5	35.1	31.5
21.3	23.5	21.3
14.7	16.1	14.7
10.3	11.2	10.3

Connected Systems

WaveLinx LITE - WLST Tilemount Sensor

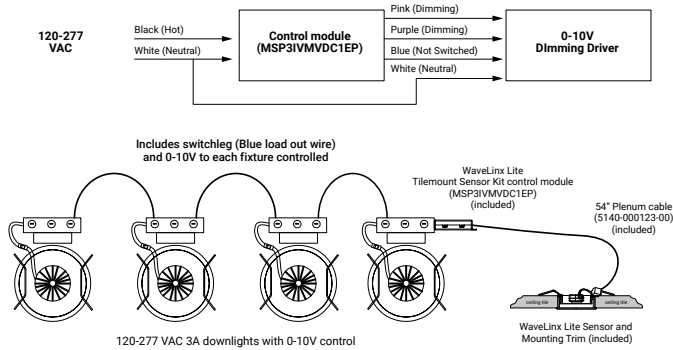
WaveLinx LITE devices only compatible with the WaveLinx LITE system.



- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic occupancy or vacancy, sensor sensitivity, daylight dimming, etc. configurable through the app
- Refer to the WaveLinx system specifications for details



WaveLinx LITE WLST Tilemount Wiring Diagram



WaveLinx LITE Bluetooth Enabled System



WaveLinx PRO Wireless – WPST Tilemount Sensor

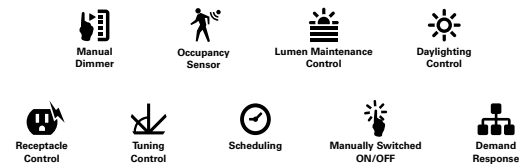
WaveLinx PRO devices only compatible with the WaveLinx PRO system.



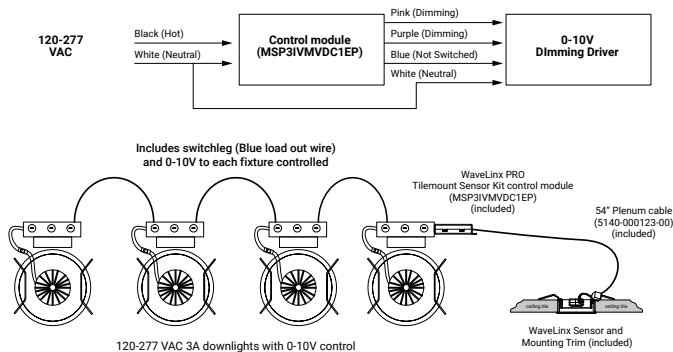
- WaveLinx PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



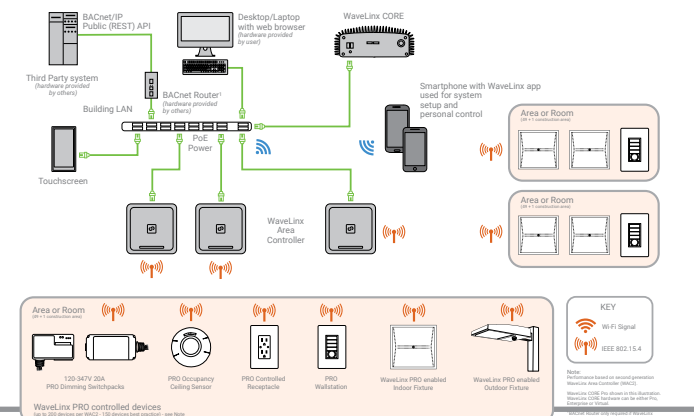
WaveLinx mobile app settings



WaveLinx PRO WPST Tilemount Wiring Diagram



WaveLinx CORE Building Management Integration



Connected Solutions



WaveLinX LITE Wireless Node - WLN

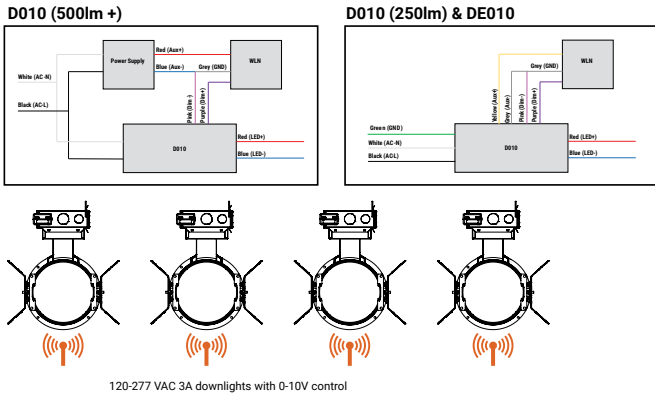
WaveLinX LITE devices only compatible with the WaveLinX LITE system.

- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Refer to the WaveLinX system specifications for details
- Not available with BioUp or Tunable White

WaveLinX mobile app settings



WaveLinX LITE Wireless Node (WLN) Wiring Diagram



WaveLinX LITE Bluetooth Enabled System



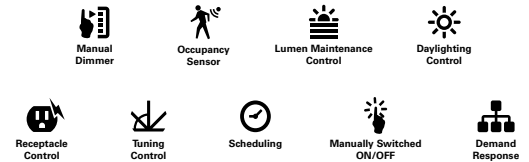
WaveLinX PRO devices only compatible with the WaveLinX PRO system.



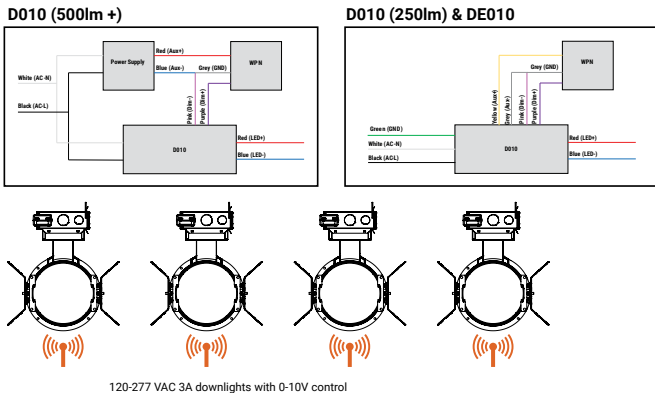
WaveLinX PRO Wireless Node - WPN

- 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

