Portfolio

LDA6A 6L

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

Typical Applications
Healthcare • Hospitality • Retail • Institutional • Indoor Display & Signage
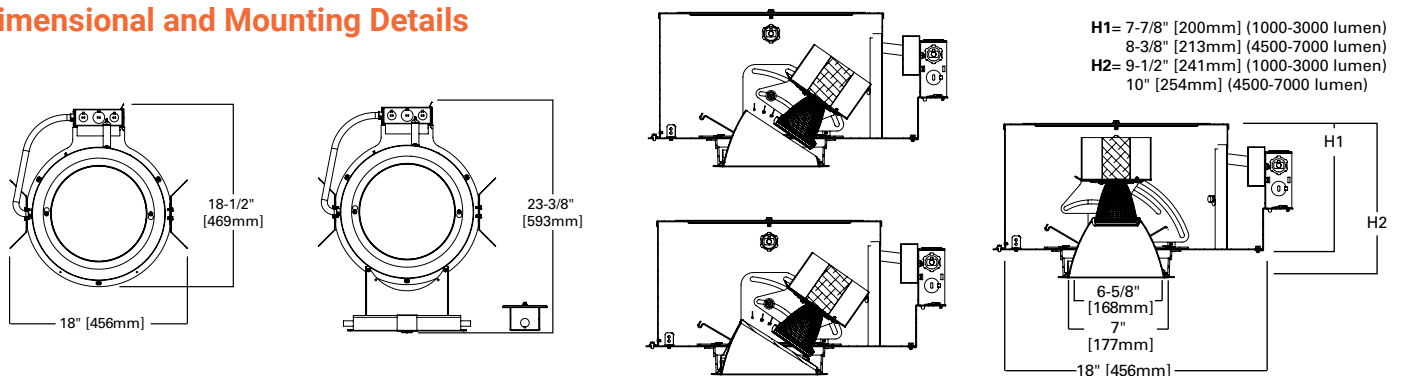
Interactive Menu

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

H1= 7-7/8" [200mm] (1000-3000 lumen)
8-3/8" [213mm] (4500-7000 lumen)
H2= 9-1/2" [241mm] (1000-3000 lumen)
10" [254mm] (4500-7000 lumen)

18-1/2" [469mm]
18" [456mm]

23-3/8" [593mm]

6-5/8" [168mm]
7" [177mm]
18" [456mm]

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Order Information

SAMPLE ORDER NUMBER: **LDA4A09835D010TE**

Domestic Preferences (14)	Housing	Lumens (1)	CRI	CCT	Driver	Options (3) (6)
[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) (6) (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**=15º Reflector **LARL20NF**=20º Reflector **LAR35FL**=35º Reflector	**4500 to 7500 lumen** **LARH20SP**=20º Reflector **LARH30NF**=30º Reflector **LARH40FL**=40º Reflector

SAMPLE ORDER NUMBER: **6LA1LI**

Reflector	Finish		Options
6LA0=6" Adjustable Accent, Polymer Trim Ring **6LA1**= 6" Adjustable Accent, Self Flanged **6LLWW0**=6" Lensed Wall Wash, Polymer Trim Ring (9) **6LLWW1**=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) **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 DownTransformer, 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

Notes:

1. Nominal Lumens will vary depending on selected color, driver and reflector finish.

2. Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).

3. Not available with Chicago Plenum and requires above ceiling access. Not for use with insulation.

4. Required for T-24 compliance with lensed trims.

5. 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"

6. Not CSA approved.

7. Not available in Chicago Plenum.

8. Includes 30º distribution diffuse lens. Order with LARL15SP upper reflector. Reference ies files for output.

9. Use with narrow flood beam forming reflector and 30º tilt.

10. DMX fixtures default to full on upon loss of DMX signal..

11. Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.

12. WPST = WaveLinx wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.

13. WLST = WaveLinx LITE tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx LITE system specifications)

14. 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.

15. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

16. 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.

17. 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 - 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 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
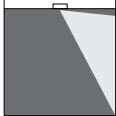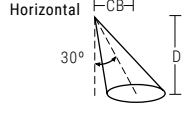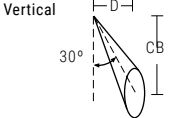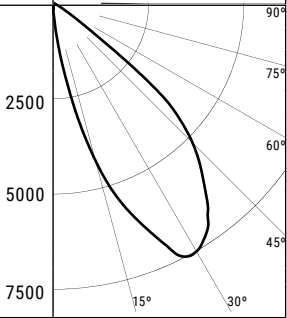
5500 Lumen		
	120V	277V
Input Power	60.8W	60.5W
Input Current	0.51A	0.24A
Inrush Current	1.248A	2.944A
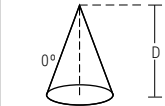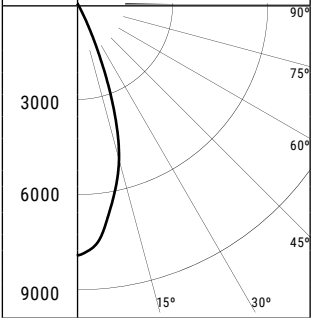
6500 Lumen		
	120V	277V
Input Power	78.7W	77.5W
Input Current	0.66A	0.3A
Inrush Current	0.224A	0.704A

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

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Photometric Data

Section 1
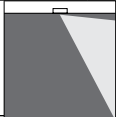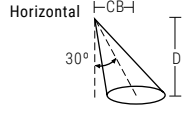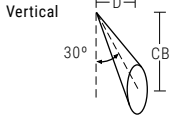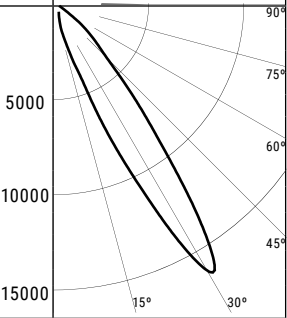
Field	Value
Test Number	P175593
Houseing	LDA6A30835D-010TE
Trim	LAR35FL 6LAL1 30° Tilt
Lumens	2489 Lm
Efficacy	55.9Lm/W

CANDLEPOWER DISTRIBUTION — Directional

CONE OF LIGHT — Horizontal ⊢CB⊣ 30°

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 ⊢D⊣ 30°

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

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

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

Section 2
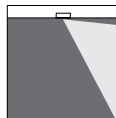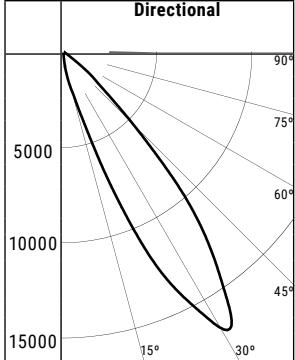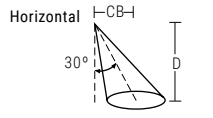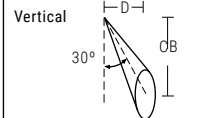
Field	Value
Test Number	P175529
Housing	LDA6A30835D010TE
Trim	LAR35FL 6LFC1
Lumens	2690 Lm
Efficacy	60.5 Lm/W
SC	0.6

CANDLEPOWER DISTRIBUTION — Downlight

CONE OF LIGHT 0°

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

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

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

Section 3

Field	Value
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 ⊢CB⊣ 30°

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 ⊢D⊣ 30°

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

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

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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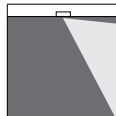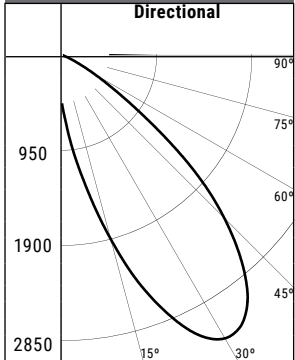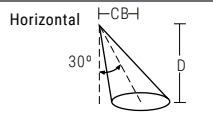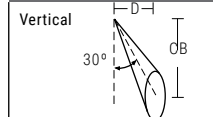
Field	Value
Test Number	P175401
Housing	LDA6A30835D010TE
Trim	LARL15SP 6LFC1
Lumens	2362 Lm
Efficacy	53.1 Lm/W
SC	0.26

CANDLEPOWER DISTRIBUTION — Downlight

CONE OF LIGHT 0°

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

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

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

Photometric Data

Section 1

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 (30°)

MH	FC	L	W	CB
5.5'	84	5.5	3.4	3.2
7'	51.9	7	4.4	4
8'	39.7	7.9	5	4.6
9'	31.4	8.9	5.6	5.2
10'	25.4	9.8	6.2	5.8
12'	17.6	11.7	7.6	6.9

CONE OF LIGHT — Vertical (30°)

D	FC	L	W	CB
1'	11381.5	0.3	0.2	1.7
2'	2845.4	0.8	0.6	3.5
3'	1264.6	1.2	1	5.2
4'	711.3	1.7	1.4	6.9
5'	455.3	2.2	1.8	8.7
6'	316.2	2.6	2.2	10.4

CANDELA 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

Zone	Lumens	%Fixture
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

Section 2

Test Number	P175433
Housing	LDA6A30835D010TE
Trim	LARL20NF 6LFC1
Lumens	2695 Lm
Efficacy	60.6Lm/W
SC	0.34

CANDLEPOWER DISTRIBUTION — Downlight

CONE OF LIGHT (0°)

MH	FC	L	W
5.5'	589.9	1.8	1.8
7'	364.2	2.4	2.4
8'	278.8	2.8	2.8
9'	220.3	3	3
10'	178.5	3.4	3.4
12'	123.9	4.2	4.2

CANDELA 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

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

Section 3

Test Number	P175561
Housing	LDA6A30835D-010TE
Trim	LAR35FL 6LLWW1
Lumens	2015 Lm
Efficacy	45.3Lm/W

CANDLEPOWER DISTRIBUTION — Directional

CONE OF LIGHT — Horizontal (30°)

MH	FC	L	W	CB
5.5'	22.8	6.8	6	3.2
7'	14.1	8.7	7.6	4
8'	10.8	9.9	8.8	4.6
9'	8.5	11.2	10	5.2
10'	6.9	12.3	11	5.8
12'	4.8	14.7	13.2	6.9

CONE OF LIGHT — Vertical (30°)

D	FC	L	W	CB
1'	2380.4	0.6	0.6	1.7
2'	595.1	1.3	1.4	3.5
3'	264.5	1.9	2.2	5.2
4'	148.8	2.6	3	6.9
5'	95.2	3.4	3.8	8.7
6'	66.1	4	4.6	10.4

CANDELA 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

Zone	Lumens	%Fixture
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

SINGLE UNIT FOOTCANDLES

2 FROM WALL (Distance From Fixture Along Wall)

DD	●	1'	2'	3'	4'	5'	6'
1'	33.4	12.6	1.3	0.2	0.1	0	0
2'	200.1	103.4	20.5	2.8	0.5	0.1	0
3'	136.7	89.5	31.4	8.4	1.9	0.5	0.2
4'	69.6	52.5	25	9.8	3.5	1.1	0.4
5'	34.8	28.6	16.9	8.4	3.9	1.7	0.7
6'	18.5	16.1	10.8	6.4	3.5	1.8	0.9
7'	10.5	9.5	7	4.7	2.9	1.7	1
8'	6.3	5.9	4.6	3.3	2.3	1.5	0.9
9'	4	3.8	3.1	2.4	1.8	1.2	0.8
10'	2.7	2.6	2.2	1.8	1.4	1	0.7

MULTIPLE UNIT FOOTCANDLES

3' FROM WALL (Spacing Between Fixtures)

	●	3' apart	●
1'	2.5	1.7	2.5
2'	45.1	36.4	45.1
3'	98	91.9	98
4'	87.1	90.1	87.1
5'	62.4	67.8	62.4
6'	42.1	46.7	42.1
7'	28	31.2	28
8'	19	20.9	19
9'	13.1	14.3	13.1
10'	9.2	10	9.2

Connected Systems

WaveLinx LITE - WLST Tilemount Sensor

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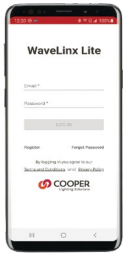
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic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

| Network Security | Manual Dimmer | Occupancy Sensor | Daylighting Control | Manually Switched ON/OFF | Tuning Control | Lumen Maintenance Control | Scenes |

WaveLinx LITE WLST Tilemount Wiring Diagram

120-277 VAC
Black (Hot)
White (Neutral)

Control module (MSP3IVMVDC1EP)

Pink (Dimming)
Purple (Dimming)
Blue (Not Switched)
White (Neutral)

0-10V DImming Driver

Includes switchleg (Blue load out wire) and 0-10V to each fixture controlled

WaveLinx Lite Tilemount Sensor Kit control module (MSP3IVMVDC1EP) (included)

54" Plenum cable (5140-000123-00) (included)

120-277 VAC 3A downlights with 0-10V control

WaveLinx Lite Sensor and Mounting Trim (included)

WaveLinx LITE Bluetooth Enabled System

MyApps Secure Portal
Site Initiation, Data Backup & Site Transfer

WaveLinx LITE Mobile Application

WaveLinx LITE Ambient | WaveLinx LITE Integrated Ambient | WaveLinx LITE Tilemount Sensor Kit | WaveLinx LITE Wallstation | WaveLinx LITE Integrated Industrial | WaveLinx LITE Integrated Parking Garage

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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

Downlights with tilemount sensor 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

| Manual Dimmer | Occupancy Sensor | Lumen Maintenance Control | Daylighting Control |
| Receptacle Control | Tuning Control | Scheduling | Manually Switched ON/OFF | Demand Response |

WaveLinx PRO WPST Tilemount Wiring Diagram

120-277 VAC
Black (Hot)
White (Neutral)

Control module (MSP3IVMVDC1EP)

Pink (Dimming)
Purple (Dimming)
Blue (Not Switched)
White (Neutral)

0-10V DImming Driver

Includes switchleg (Blue load out wire) and 0-10V to each fixture controlled

WaveLinx PRO Tilemount Sensor Kit control module (MSP3IVMVDC1EP) (included)

54" Plenum cable (5140-000123-00) (included)

120-277 VAC 3A downlights with 0-10V control

WaveLinx Sensor and Mounting Trim (included)

WaveLinx CORE Building Management Integration

BACnet/IP Public (REST) API
Desktop/Laptop with web browser (hardware provided by user)
WaveLinx CORE

Third Party system (hardware provided by others)

Building LAN

BACnet Router† (hardware provided by others)

PoE Power

Smartphone with WaveLinx app used for system setup and personal control

Touchscreen

WaveLinx Area Controller

Area or Room

KEY
Wi-Fi Signal
IEEE 802.15.4

Area or Room

120-347V 20A PRO Dimming Switchpacks | PRO Occupancy Ceiling Sensor | PRO Controlled Receptacle | PRO Wallstation | WaveLinx PRO enabled Indoor Fixture | WaveLinx PRO enabled Outdoor Fixture

WaveLinx PRO controlled devices (up to 200 devices per WAC2 - 150 devices best practice) - see Note

Connected Solutions
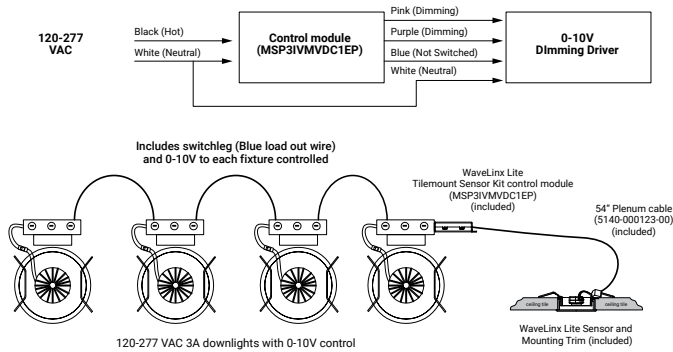
WaveLinx LITE Wireless Node - WLN

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

| Network Security | Manual Dimmer | Occupancy Sensor | Daylighting Control | Manually Switched ON/OFF | Tuning Control | Lumen Maintenance Control | Scenes |

WaveLinx LITE Wireless Node (WLN) Wiring Diagram

D010 (500lm +)

D010 (250lm) & DE010

120-277 VAC 3A downlights with 0-10V control

WaveLinx LITE Bluetooth Enabled System

MyApps Secure Portal
Site Initiation, Data Backup & Site Transfer

WaveLinx LITE Mobile Application

WaveLinx LITE Ambient | WaveLinx LITE Integrated Ambient | WaveLinx LITE Tilemount Sensor Kit | WaveLinx LITE Wallstation | WaveLinx LITE Integrated Industrial | WaveLinx LITE Integrated Parking Garage
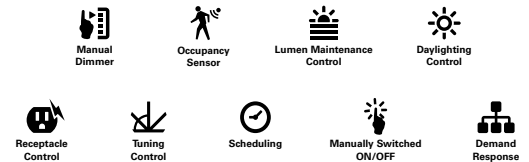
WaveLinx PRO Wireless Node - WPN

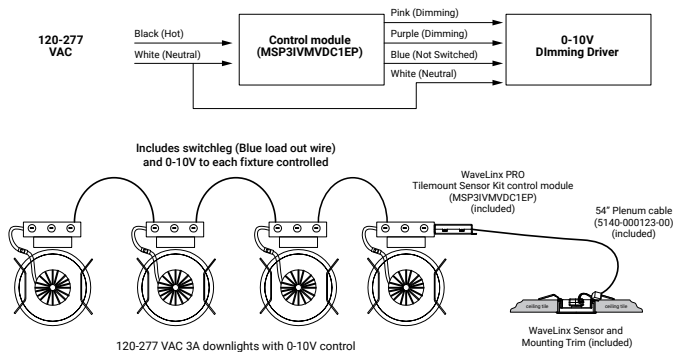**WaveLinx PRO devices only compatible with the WaveLinx PRO system.**

- 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
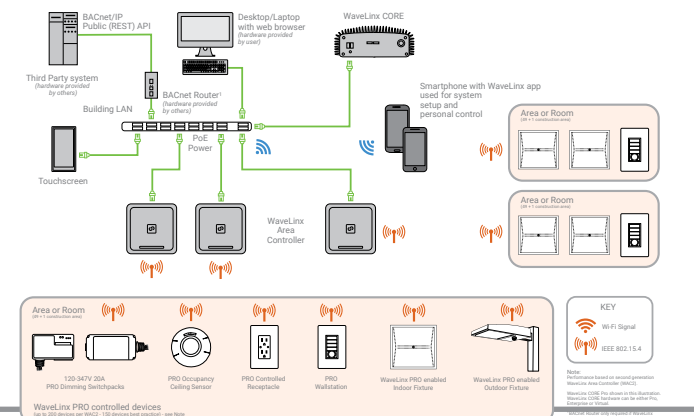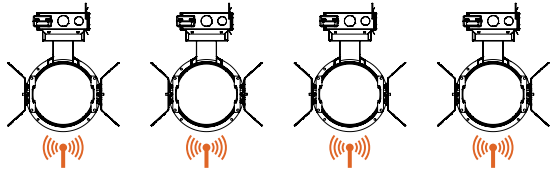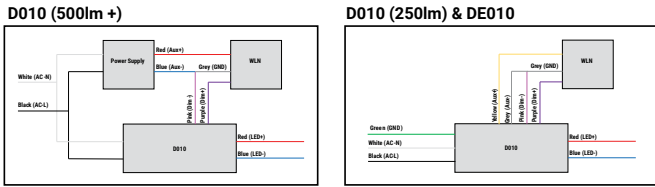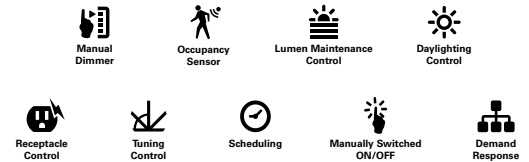- Stand-Alone Offices or Entire Building Network Installations

Downlights with wireless communication
Highly efficient LED fixtures

WaveLinx Area Controller
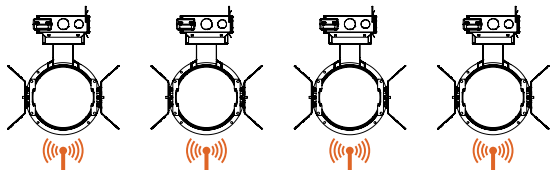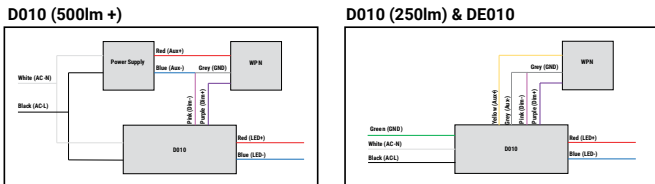Provides centralized coordination of multiple area control options

Wireless Wall Station/Receptacle
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WaveLinx mobile app settings

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WaveLinx PRO Wireless Node (WPN) Wiring Diagram

D010 (500lm +)

D010 (250lm) & DE010

120-277 VAC 3A downlights with 0-10V control

WaveLinx CORE Building Management Integration

BACnet/IP Public (REST) API

Desktop/Laptop with web browser *(hardware provided by user)*

Trellix Core

Third Party system *(hardware provided by others)*

BACnet Router[1] *(hardware provided by others)*

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