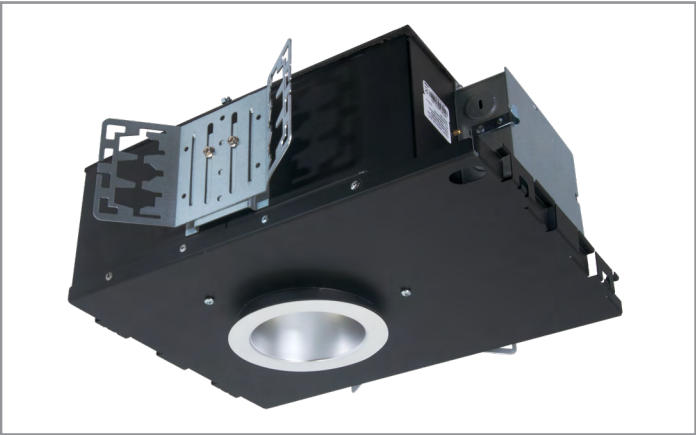


Project		Catalog #		Type	
Prepared by		Notes		Date	



Portfolio

LDA3B

3-1/2" Adjustable/slope downlight

Typical Applications

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

Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 3](#)
- Photometric Data [page 4](#)
- Energy Data [page 8](#)
- Connected System [page 9](#)
- Product Warranty

Product Certification



Control Compatibility



Product Features

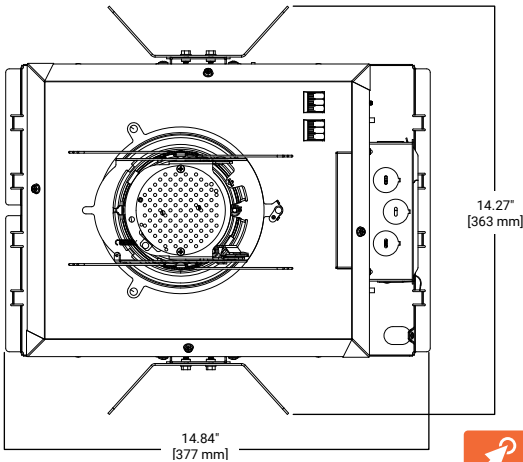
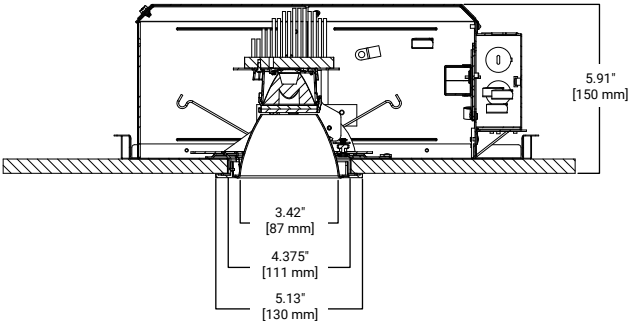


Top Product Features

- Available in 250 to 2,300 lumens; Insulated Ceiling (IC) rated
- Offered in 90 and 97 CRI; Locking 365° rotation and 45° tilt holds any aiming position
- Interchangeable optics in asymmetric and 5° increments from 10°-70°; Media holder accepts two lens media
- 2400K, 2700K, 3000K, 3500K, 4000K, 5000K; D2W™ option from 3000K to 1850K
- W2N tunable white CCT range 2700K to 6500K or 2000K to 5000K

Dimensional and Mounting Details

2 X 6 CONFIGURATION
For 250-1300 lumens



[additional product diagrams](#)

Order Information

SAMPLE ORDER NUMBER: LDA3B10R309030D010-E3AACKH

Housing	Lumen ⁽¹⁾	Distribution	CRI	Color	Voltage
LDA3B = New construction 3-inch adjustable LDA3BCP = Chicago Plenum new construction 3-inch adjustable	02 = 250 lumens ⁽¹⁰⁾ 07 = 700 lumens 10 = 1000 lumens 13 = 1300 lumens 18 = 1800 lumens 23 = 2300 lumens ⁽²⁾ 2R2040 = Elliptical 20° x 40° 2R2050 = Elliptical 20° x 50° 2R2060 = Elliptical 20° x 60°	R10 = 10° ⁽³⁾ R15 = 15° R20 = 20° R25 = 25° R30 = 30° R35 = 35° R40 = 40° R45 = 45° R50 = 50° R55 = 55° R60 = 60° R65 = 65° R70 = 70° 2R2040 = Elliptical 20° x 40° optic 2R2050 = Elliptical 20° x 50° optic 2R2060 = Elliptical 20° x 60° optic Blank = no optic order separately	90 = 90 CRI 97 = 97 CRI ⁽⁴⁾	24 = 2400K 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K 9030D2W = dim to warm ⁽¹⁵⁾ W2N902050 = 2000K-5000K ⁽⁵⁾ W2N902765 = 2700K-6500K ⁽⁵⁾	Blank = 120-277V 3 = 347V ⁽⁶⁾

Driver	Options ⁽⁸⁾
D010 =0-10V 1% Dimming, 120-277V D010TR =0-10V or Line Voltage Dimming, 1% to 100%, 120V-277V DE010 =0-10V Linear Dimming, 0% to 100%, 120V-277V D5LT =Fifth Light® DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V DMX =DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V ⁽⁷⁾⁽⁸⁾ DMXC5 =DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection ⁽⁷⁾⁽⁸⁾ DLE =Lutron Ecosystem dimming 1% to 100%, 120V-277V ⁽¹⁸⁾ DLV =Low voltage dimming driver (1-100%) for use with DLVP system ⁽⁸⁾	EMBOD = Bodine® Emergency Module with Remote Test Switch EM7 = 7W Emergency Module with Remote Test Switch EM14 = 14W Emergency Module with Remote Test Switch EMV7 = 7W Low Voltage Emergency Module with Remote Test Switch EMV14 = 14W Low Voltage Emergency Module with Remote Test Switch WPST =Factory installed WaveLinx (includes control module, sensor, cable, tilemount and ceiling mount sensor) ⁽⁹⁾⁽¹⁴⁾⁽¹⁷⁾ WLST =Factory installed WaveLinx LITE Sensor Kit ⁽⁹⁾⁽¹⁶⁾⁽¹⁷⁾ WPN = WaveLinx PRO Wireless Node without sensor ⁽²⁰⁾

Reflector	Finish	Trim Ring
E3AA = 3.5" Aperture open angle cut E3AA20 = 3.5" Aperture open 20° angle cut E3SLOT = 3.5" Aperture open 20° slot cut E3AASR = 3.5" Aperture lensed angle cut E3MR = 3.5" Aperture open downlight E3SR = 3.5" Aperture lensed downlight E3LWW = 3.5" Aperture lensed wall wash	C = Specular Clear H = Semi-specular clear G = Gold WMH = Warm haze WH = Wheat WHH = Wheat haze GP = Graphite	GPH = Graphite haze K = Cognac KH = Cognac haze CC = Chocolate CCH = Chocolate haze B = Black
	Painted Finish MW = Matte White W = Gloss white BB = Black baffle ⁽¹¹⁾ WB = White baffle ⁽¹¹⁾	Blank = Matte white metal trim ring SF = Self flanged ⁽¹²⁾ SFWF = Self flanged painted white ⁽¹²⁾

Pinhole	Flange Style and Finish
E3AASRPIN = 1.75" Aperture lensed pinhole E3PINL = 1.5" Aperture lensed pinhole with black oculus E3OVAL = 2" oval	Blank = Matte white die-cast flange W = Matte white aluminum die-cast flange with white oculus ⁽¹³⁾



Accessories	Media	Optic
Bar Hangers HB26 = C-channel Bar Hanger, 26" Long, Pair HB50 = C-channel Bar Hanger, 50" Long, Pair RMB22 = Wood Joist Bar Hanger, 22" Long, Pair FMC3 = Flush Mount Collar Accessory ⁽¹⁹⁾ PLE3 = Plaster Lip Extender for Up to 2" Thick Ceilings Connected Lighting Systems⁽⁹⁾ WPST = Field installed WaveLinx sensor Kit ⁽¹⁴⁾ WLST = Field installed WaveLinx Lite Sensor Kit ⁽¹⁶⁾	L100 lenses - optical lenses L110N = Diffuse Sandblasted Lens L111 = Soft Focus Lens L113 = Prismatic Spread Lens L115 = Linear Spread Lens L100MB = Hex cell louver L100 lenses - color filters L112 = Red Gel Filter L114 = Ultraviolet, Dichoric Filter L120 = Red, Dichoric Filter L121 = Amber, Dichoric Filter L122 = Yellow, Dichoric Filter L123 = Green, Dichoric Filter L124 = Daylight Blue, Dichoric Filter L125 = Blue, Dichoric Filter L127 = Cosmetic (2700K), Dichoric Filter L131 = Amber, Gel Filter	2R15SP = 15° 2R20 = 20° 2R25NFL = 25° 2R30 = 30° 2R35 = 35° 2R40FL = 40° 2R45 = 45° 2R50 = 50° 2R55FL = 55° 2R60 = 60° 2R65 = 65° 2R70 = 70° 2R2040 = Elliptical 20° x 40° 2R2050 = Elliptical 20° x 50° 2R2060 = Elliptical 20° x 60°

Notes:

- Nominal lumens will vary depending on selected color, driver and reflector finish.
- Non-IC
- Offered up to 1000 lumens, must be specified with housing
- 97CRI for 2700 and 3000K
- Choose D5LT or DE010 driver, limited to 1000 lumens
- 347V with D010 driver
- DMX fixtures default to full on upon loss of DMX signal.
- Requires above ceiling access.
- Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory.
- D010TR only
- Available on E3AA and E3MR.

12. Not available with baffles.

13. E3PINL only.

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

15. Limited to 1000 and 1300 lumens

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

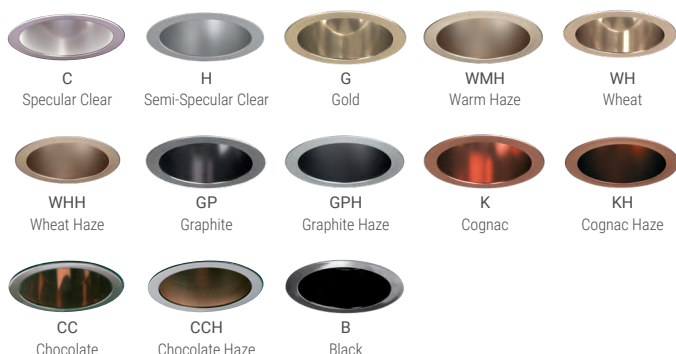
17. Not available with Chicago Plenum or IC rating.

18. For 1000 lumens and above.

19. Not for use with self flanged reflectors

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 0-10V driver only.

Reflector Finishes



Painted Finishes



Flanges



Product Specifications

Lower Shielding Reflector

- Open or lensed, low brightness 3-1/2" aperture, spun 0.04 high purity aluminum angle cut or slot cut, for flat or sloped ceilings
- Lensed wall wash with neutral color linear glass lens provides smooth vertical illumination with minimal downlight
- Open or lensed, low brightness 3-1/2" aperture, spun 0.04 high purity downlight reflector providing 50° source and source image cutoff
- Open or lensed die cast round or oval pinhole with angle cut upper reflector
- Pinhole includes black oculus to control glare
- Available in all Portfolio Alzak® finishes
- Metal trim ring can be removed for painting
- Plaster lathing ring accessory offered for flush reflector transition

Trim Retention

- Retained with two torsion springs holding the flange tightly to the finished ceiling

Housing

- Steel housing painted matte black to eliminate stray light
- Top accessible
- Ships with overspray protector installed
- Collar designed for 1-inch ceiling thickness.
- PLE3 plaster lip extender available for up to 2-inch ceiling thickness

Adjustment Mechanism

- Provides smooth 365° rotation and 45° tilt adjustment allowing LED optic to pivot about the center of the aperture at the ceiling line for maximum light output without flashback
- Locks in position with 1/4" Phillips driver
- Aiming scale enables consistent setting across multiple fixtures

Optic

- Interchangeable silicone optic in elliptical and 5° increments from 10°-70° providing smooth beam without color separation
- Elliptical beams
- Media holder fits onto optic holder and holds up to two lens media

Universal Mounting Bracket

- Accepts 1/2" Electric Metallic Tube (EMT), C-channel, T-bar fasteners and bar hangers

Junction Box

- Seven 1/2" trade size pry outs positioned to allow straight conduit runs
- Listed for four #12 AWG (two in, two out) 90°C conductors and feed-through branch wiring for top access units (with top access units only)
- Lever connectors for simple push in wiring

Thermal

- Forged aluminum heat sink conducts heat away from the LED module for optical performance and longer life

LED System

- Contains a plurality of high brightness white LED's combined with TIR optic produces 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)
- Color variation within 2-step MacAdam ellipses
- Available in 2400K, 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)
- Available in 90 or 97 color rendering index (CRI)

VividTune™ Color Tuning Solutions

- D2W™ – Dim-to-Warm shifts CCT from 3000K to 1850K as fixture dims, mimicking halogen sources
- W2N – Tunable white CCT range from 2700K to 6500K or 2000K to 5000K; 90 CRI

Driver

- Standard 120-277V 0-10V dimming driver provides flicker-free dimming from 100% to 1%
- Optional 120V leading edge/0-10V 120-277V combination, Fifth Light, DMX or Lutron® Ecosystem
- Standard 0-10V driver and 0-10V leading edge can be serviced from above or through the aperture
- Distributed Low Voltage Power (DLVP) system combines power, lighting and controls with ease of installation.

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 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 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.

WaveLinX LITE Tilemount Sensor Kit

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

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.

Compliance

- Thermally protected, IC rated up to 1800 lumens
- 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 environmental air (CCEA) marking for plenum applications
- EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits
- Airtight with lensed trims
- RoHS compliant
- Photometric testing completed in accordance with IES LM-79 and TM-30 standards
- LED life testing completed in accordance with IES LM-80 standards
- 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
- ENERGY STAR® certified, reference certified light fixtures database

Warranty

- Five year warranty www.cooperlighting.com/legal

Photometric Data

15°		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P410967					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LDA3B					0	11434	0-30	1278	99.2	35	1947
Module	13R159035D010					5	9613	0-40	1287	100		
Trim	E3MRC					15	1335				0-60	1288
Lumens	1288					25	168	45	0	0-90	1288	100
Efficacy	92 Lm/W	35	10	65	0	90-180	0	0	65	0		
SC	0.3	45	0	75	0						0-180	1288
UGR	NA	65	0	85	0							
		75	0	90	0							

15° / 30° Tilt	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CONE OF LIGHT
Test Number P407923 Housing LDA3B Module 13R159035D010 Trim E3AAC Lumens 1208 Efficacy 86.3 Lm/W SC 0.44 UGR NA			

CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
0	244	0-30	661	54.7	35	1573627
5	587					
15	1803	0-40	1122	92.9	45	154586
25	10191					
35	8001	0-60	1205	99.7	55	6881
45	678					
55	24	0-90	1208	100	65	229
65	1					
75	0	90-180	0	0	75	0
85	0					
90	0	0-180	1208	100		

CCT Multipliers – 90CRI

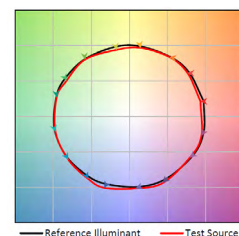
2700K	3000K	3500K	4000K
0.923	0.963	1.00	1.02

Multipliers for relative lumen values with other color temperatures.

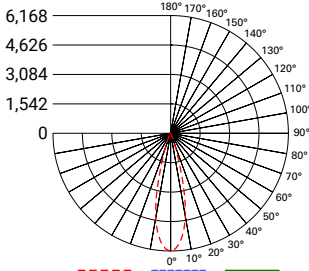
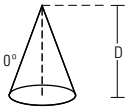
Note: Refer to IES files for more product data.

Color Metrics - TM-30-15 & CRI/CIE

TM-30-15	Rf = 91.6
	Rg = 98.6
CRI/CIE	Ra = 94.9
	R9 = 67



Photometric Data

25°		CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE				
Test Number	P411015			Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LDA3B			0	6168	0-30	1248	98.8	35	2793
Module	13R259035D010		5	5730	0-40	1262	99.9	45	0	
Trim	E3MRC		15	2214	0-60	1263	100	55	0	
Lumens	1263		25	233	0-90	1263	100	65	0	
Efficacy	90 Lm/W	35	14	90-180	0	0	75	0		
SC	0.45	45	0	0-180	1263	100				
UGR	NA	55	0							
		65	0							
		75	0							
		85	0							
		90	0							

25° / 30° Tilt		CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CONE OF LIGHT
Test Number	P408019			
Housing	LDA3B			
Module	13R259035D010			
Trim	E3AAC			
Lumens	1301			
Efficacy	93 Lm/W			
SC	0.51			
UGR	NA			

CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
0	249	0-30	655	50.3	35	1165121
5	523	0-40	1137	87.4	45	375723
15	2814	0-60	1298	99.8	55	13285
25	6269	0-90	1301	100	65	0
35	5924	90-180	0	0	75	0
45	1649	0-180	1301	100		
55	47					
65	0					
75	0					
85	0					
90	0					

CCT Multipliers – 90CRI

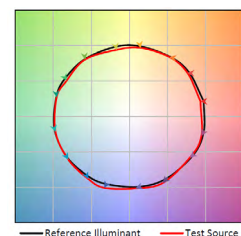
2700K	3000K	3500K	4000K
0.923	0.963	1.00	1.02

Multipliers for relative lumen values with other color temperatures.

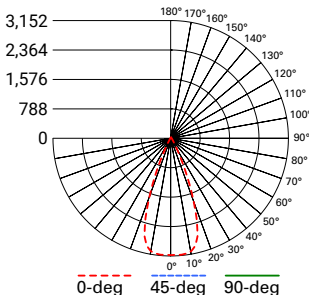
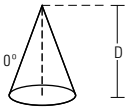
Note: Refer to IES files for more product data.

Color Metrics - TM-30-15 & CRI/CIE

TM-30-15	Rf = 91.6
	Rg = 98.6
CRI/CIE	Ra = 94.9
	R9 = 67



Photometric Data

40°		CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE					
Test Number	P411063			Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance	
Housing	LDA3B			0	3148	0-30	1318	98	35	6608	
Module	13R409035D010		5	3152	0-40	1345	99.9				
Trim	E3MRC		15	2738				25	584	0-60	1345
Lumens	1345		35	34	45	0	0-90	1345	100		
Efficacy	96 Lm/W		55	0	65	0				90-180	0
SC	0.7	75	0	85	0	0-180	1345	100	75		
UGR	NA	90	0								

40° / 30° Tilt	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CONE OF LIGHT
Test Number P408115 Housing LDA3B Module 13R409035D010 Trim E3AAC Lumens 1329 Efficacy 95 Lm/W SC 0.28 UGR NA			

CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
0	831	0-30	686	51.6	35	597212
5	995					
15	3035	0-40	1082	81.4	45	469204
25	3294					
35	3037	0-60	1326	99.8	55	67832
45	2059					
55	242	0-90	1329	100	65	229
65	1					
75	0	90-180	0	0	75	0
85	0					
90	0	0-180	1329	100		

CCT Multipliers – 90CRI

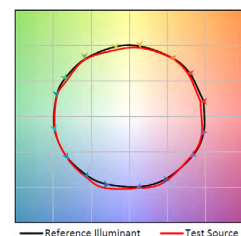
2700K	3000K	3500K	4000K
0.923	0.963	1.00	1.02

Multipliers for relative lumen values with other color temperatures.

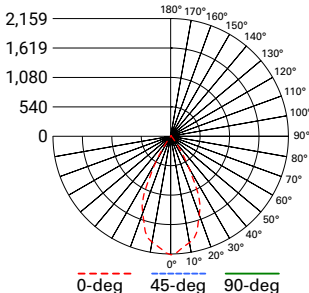
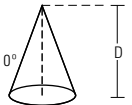
Note: Refer to IES files for more product data.

Color Metrics - TM-30-15 & CRI/CIE

TM-30-15	Rf = 91.6
	Rg = 98.6
CRI/CIE	Ra = 94.9
	R9 = 67



Photometric Data

50°		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P411816					Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LDA3B					0	2159	0-30	1186	89.2	35	34890
Module	13R509035D010					5	2060	0-40	1324	99.6	45	273
Trim	E3MRH					15	1806	0-60	1329	100	55	169
Lumens	1329					25	1168	0-90	1329	100	65	0
Efficacy	95 Lm/W					35	177	90-180	0	0	75	0
SC	0.83	45	1	0-180	1329	100						
UGR	NA	55	1									
		65	0									
		75	0									
		85	0									
		90	0									

50° / 30° Tilt		CANDLEPOWER DISTRIBUTION	CONE OF LIGHT		CONE OF LIGHT																																																																							
Test Number	P410652																																																																											
Housing	LDA3B																																																																											
Module	13R509035D010																																																																											
Trim	E3AAH																																																																											
Lumens	1254																																																																											
Efficacy	90 Lm/W		Horizontal		Vertical																																																																							
SC	0.52		<table><tr><th>MH</th><th>FC</th><th>L</th><th>W</th><th>CB</th></tr><tr><td>5.5'</td><td>28.3</td><td>4.4</td><td>5.2</td><td>3.2</td></tr><tr><td>7'</td><td>17.5</td><td>5.6</td><td>6.6</td><td>4</td></tr><tr><td>8'</td><td>13.4</td><td>6.4</td><td>7.6</td><td>4.6</td></tr><tr><td>9'</td><td>10.6</td><td>7.2</td><td>8.4</td><td>5.2</td></tr><tr><td>10'</td><td>8.6</td><td>8</td><td>9.4</td><td>5.8</td></tr><tr><td>12'</td><td>5.9</td><td>9.6</td><td>11.4</td><td>6.9</td></tr></table>		MH	FC	L	W	CB	5.5'	28.3	4.4	5.2	3.2	7'	17.5	5.6	6.6	4	8'	13.4	6.4	7.6	4.6	9'	10.6	7.2	8.4	5.2	10'	8.6	8	9.4	5.8	12'	5.9	9.6	11.4	6.9	<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th><th>CB</th></tr><tr><td>1'</td><td>1363.6</td><td>0.9</td><td>0.8</td><td>1.7</td></tr><tr><td>2'</td><td>340.9</td><td>1.8</td><td>1.8</td><td>3.5</td></tr><tr><td>3'</td><td>151.5</td><td>2.7</td><td>2.8</td><td>5.2</td></tr><tr><td>4'</td><td>85.2</td><td>3.7</td><td>3.6</td><td>6.9</td></tr><tr><td>5'</td><td>54.5</td><td>4.6</td><td>4.6</td><td>8.7</td></tr><tr><td>6'</td><td>37.9</td><td>5.5</td><td>5.6</td><td>10.4</td></tr></table>		D	FC	L	W	CB	1'	1363.6	0.9	0.8	1.7	2'	340.9	1.8	1.8	3.5	3'	151.5	2.7	2.8	5.2	4'	85.2	3.7	3.6	6.9	5'	54.5	4.6	4.6	8.7	6'	37.9	5.5	5.6	10.4
MH	FC	L	W	CB																																																																								
5.5'	28.3	4.4	5.2	3.2																																																																								
7'	17.5	5.6	6.6	4																																																																								
8'	13.4	6.4	7.6	4.6																																																																								
9'	10.6	7.2	8.4	5.2																																																																								
10'	8.6	8	9.4	5.8																																																																								
12'	5.9	9.6	11.4	6.9																																																																								
D	FC	L	W	CB																																																																								
1'	1363.6	0.9	0.8	1.7																																																																								
2'	340.9	1.8	1.8	3.5																																																																								
3'	151.5	2.7	2.8	5.2																																																																								
4'	85.2	3.7	3.6	6.9																																																																								
5'	54.5	4.6	4.6	8.7																																																																								
6'	37.9	5.5	5.6	10.4																																																																								
UGR	NA		CANDELA TABLE		ZONAL LUMEN SUMMARY																																																																							

CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
0	838	0-30	626	50	35	354638
5	1447					
15	1968	0-40	944	75.3	45	274200
25	1978					
35	1803	0-60	1251	99.7	55	219561
45	1204					
55	782	0-90	1254	100	65	0
65	0					
75	0	90-180	0	0	75	0
85	0					
90	0	0-180	1254	100		

CCT Multipliers – 90CRI

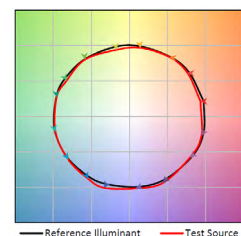
2700K	3000K	3500K	4000K
0.923	0.963	1.00	1.02

Multipliers for relative lumen values with other color temperatures.

Note: Refer to IES files for more product data.

Color Metrics - TM-30-15 & CRI/CIE

TM-30-15	Rf = 91.6
	Rg = 98.6
CRI/CIE	Ra = 94.9
	R9 = 67



Energy Data

250 Lumens		
	120V	277V
Lumen Output	250	250
Input Power (W)	4	4
Input Current(A)	0.042	0.019
THDi(%)	19.6	19.6
PF	0.96	0.93

700 Lumens		
	120V	277V
Lumen Output	700	700
Input Power (W)	8	8
Input Current(A)	0.075	0.034
THDi(%)	15.3	16
PF	0.97	0.92

1000 Lumens		
	120V	277V
Lumen Output	1000	1000
Input Power (W)	11	11
Input Current(A)	0.091	0.04
THDi(%)	16	13.7
PF	0.97	0.95

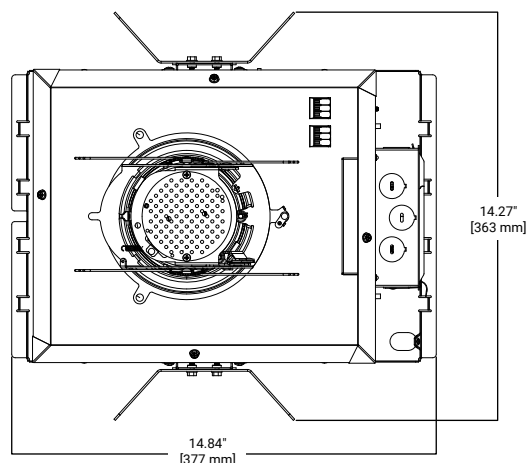
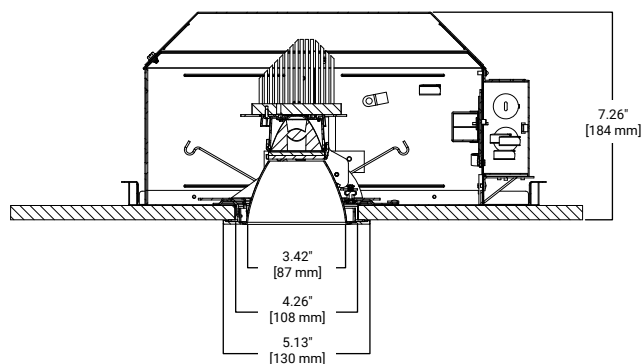
1300 Lumens		
	120V	277V
Lumen Output	1300	1300
Input Power (W)	15	15
Input Current(A)	0.125	0.057
THDi(%)	12.3	11.2
PF	0.98	0.92

1800 Lumens		
	120V	277V
Lumen Output	1800	1800
Input Power (W)	22	22
Input Current(A)	0.181	0.079
THDi(%)	8.8	4.9
PF	0.99	0.96

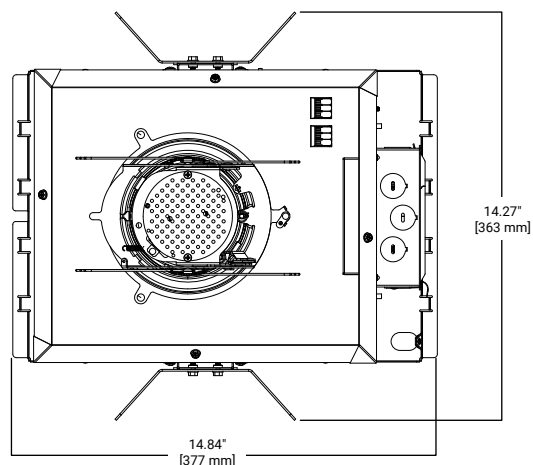
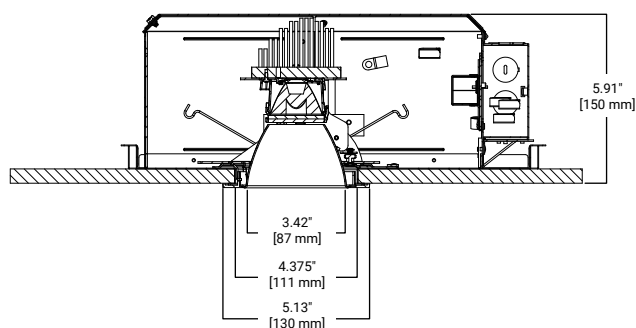
2300 Lumens		
	120V	277V
Lumen Output	2300	2300
Input Power (W)	31	31
Input Current(A)	0.261	0.111
THDi(%)	11.1	4.7
PF	0.98	0.96

Dimensional and Mounting Details

2 X 8 CONFIGURATION
For 1800 and 2300 lumens



2 X 6 CONFIGURATION
For 250-1300 lumens



Connected Solutions

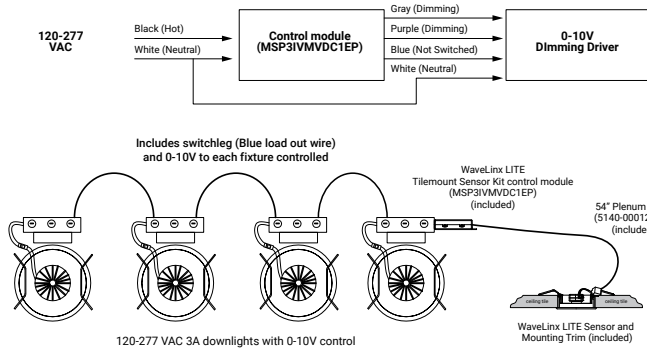


WaveLinX LITE - WLST Tilemount Sensor

- 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



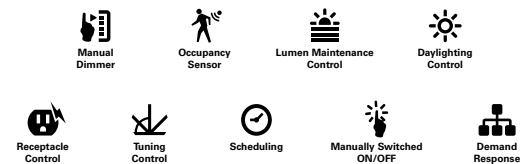
WaveLinX PRO Wireless – WPST Tilemount Sensor



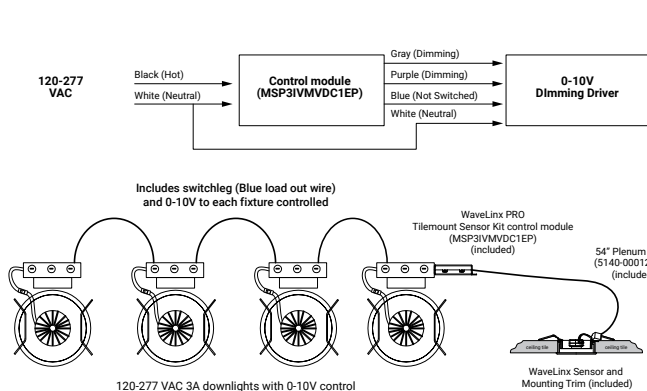
- WaveLinX PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



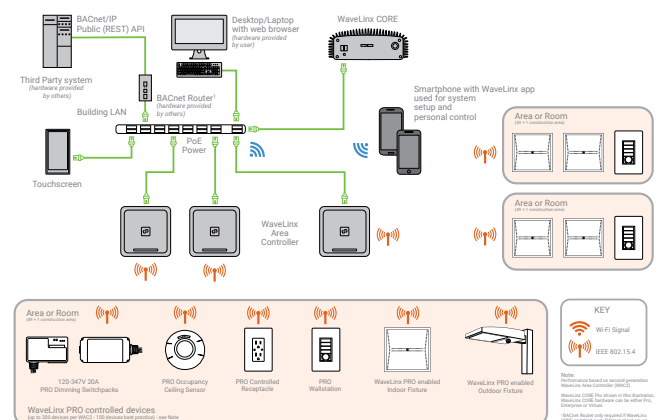
WaveLinX mobile app settings



WaveLinX PRO WPST Tilemount Wiring Diagram



WaveLinX CORE Building Management Integration



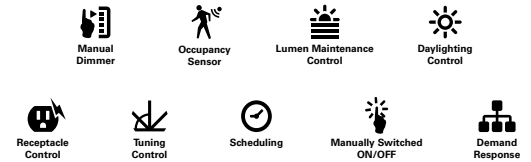
Connected Solutions

WaveLinx PRO Wireless Node - WPN

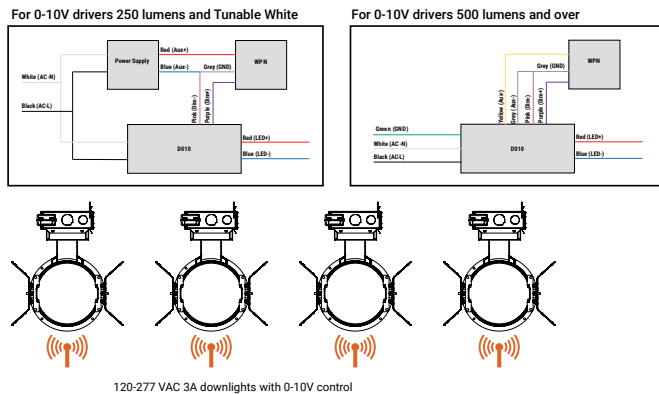
- WaveLinx Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with WaveLinx Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building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



WaveLinx mobile app settings



WaveLinx PRO Wireless Node (WPN) Wiring Diagram



WaveLinx CORE Building Management Integration

