Project		Catalog #		Type	
Prepared by		Notes		Date	

Portfolio

LDSQA6A 6L

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

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

Interactive Menu

Product Certification

RoHS COMPLIANT | UL CERTIFIED | wet location

Control Compatibility

WaveLinx LITE | WaveLinx PRO

Product Features

D2W™ | powered by fifthlight technology

Showerlight | CHICAGO PLENUM APPROVED

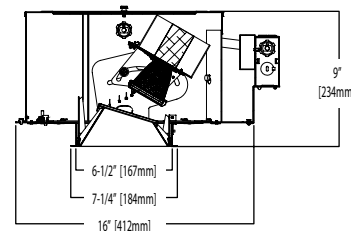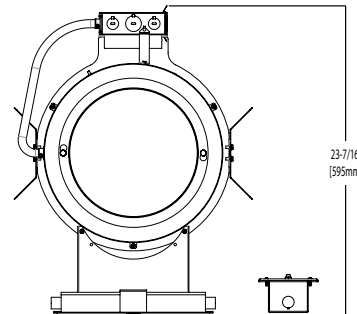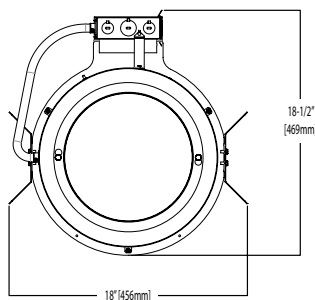## Top Product Features

- Square adjustable accent/slope for flat or sloped ceilings
- Excellent light control and low aperture brightness
- Lockable 365° rotation and 45° tilt holds any aiming position
- Anodized 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 or lensed angle cut reflectors
- Lumens: 1,000-7,500

Dimensional and Mounting Details

18-1/2" [469mm]

18" [456mm]

23-7/16" [595mm]

9" [234mm]

6-1/2" [167mm]

7-1/4" [184mm]

16" [412mm]

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Order Information

SAMPLE ORDER NUMBER: **LDSQA6A09835D010TE**

Housing	Lumens [1]	CRI	CCT	Driver	Options [3] [6]
LDSQA6A=6" Square Aperture adjustable/slope **LDSQA6ACP**=6" Square 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 [9] **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 [13] **WLN** = WaveLinx LITE Wireless Node without sensor [14]

SAMPLE ORDER NUMBER: **LAR35FL**

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: **6LSQA1MB**

Reflector	Finish	Options
6LSQA0=6" Adjustable Accent, Polymer Trim Ring **6LSQA1**=6" Adjustable Accent, Self Flanged **6LSQAL0**=6" Lensed Adjustable Accent, Polymer Trim Ring **6LSQAL1**=6" Lensed Adjustable Accent, Self Flanged	**H**=Semi-Specular Clear (Haze) **WMH**=Warm Haze **WH**= Wheat **GPH**=Graphite Haze **B**=Specular Black **MW**=Matte White **MB**=Matte Black	**Self-Flanged Only** **WF**=White Painted Flange

Accessories				
6SQPR=Plaster Lathing Ring [2] **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	**Transformers** **H347**=347 to 120V Step Down Transformer, 75VA **H347200**=347 to 120V StepDown Transformer, 200VA **Connected Lighting Systems** [3] [10] **WPST** = Field installed WaveLinx sensor Kit [11] **WLST** = Field installed WaveLinx LITE Sensor Kit [12]	**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 **Snoot** **PLNC-SN-B**=Snoot

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 30° distribution diffuse lens. Order with LARL15SP upper reflector. Reference ies files for output.

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

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

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

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

13. 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.

14. 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
- Aluminum lower reflector is available in a variety of Alzak® and painted finishes.
- Mousetrap springs pull trim tight to ceiling. Offered with self flange or polymer trim ring.

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 365° rotation and 45° tilt adjustment.
- Tilt aiming scale enables consistent setting across multiple fixtures.

Housing
- 20 gauge galvanized steel plaster frame that rotates +/-7.5°.
- 18 gauge CRS housing is painted matte black to eliminate stray light.
- Housing is tool-less 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 longer life.

LED
- LED system contains a plurality of high brightness white LED's combined with a high reflectance upper reflector producing even distribution without 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 0.1% 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 and cULus listed for damp locations. Wet location listed with covered ceiling with lensed trim.
- 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 1800 lumens, 2800 lumen is 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.

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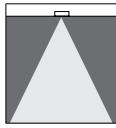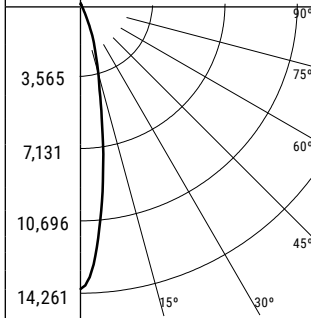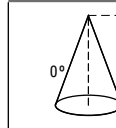
5500 Lumen		
	120V	277V
Input Power	60.8W	60.5W
Input Current	0.51A	0.24A
Inrush Current	1.248A	2.944A
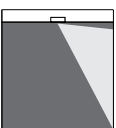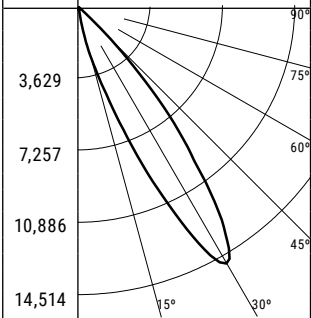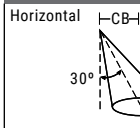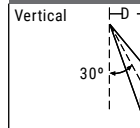
6500 Lumen		
	120V	277V
Input Power	78.7W	77.5W
Input Current	0.66A	0.3A
Inrush Current	0.224A	0.704A

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

Test 1
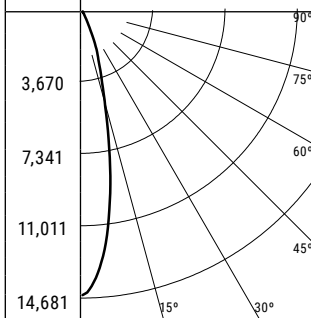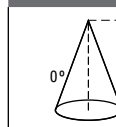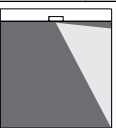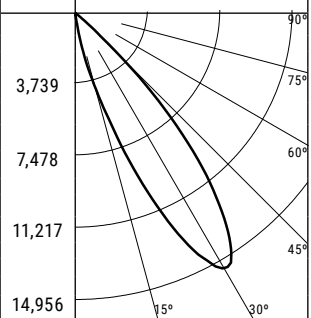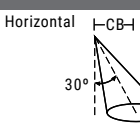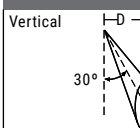
Test Number	P29053
Housing	LDSQA6A30835D010TE
Trim	LARL15SP 6LSQA1H
Lumens	2412 Lm
Efficacy	55.6 Lm/W
SC	0.31

CANDLEPOWER DISTRIBUTION

Downlight

3,565 / 7,131 / 10,696 / 14,261

CONE OF LIGHT (0°)

MH	FC	L	W
5.5'	471.4	1.6	1.6
7'	291	2.1	2
8'	222.8	2.3	2.4
9'	176.1	2.7	2.8
10'	142.6	3	3
12'	99	3.6	3.6

CANDELA TABLE

Degrees Vertical	Candela
0	14261
5	11294
15	3565
25	506
35	25
45	4
55	1
65	1
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30	2379	98.6
0-40	2406	99.8
0-60	2412	100
0-90	2412	100
90-180	0	0
0-180	2412	100

Test 2

Test Number	P29054
Housing	LDSQA6A30835D-010TE
Trim	LARL15SP 6LSQA1H 30° Tilt
Lumens	2135 Lm
Efficacy	49.3 Lm/W

CANDLEPOWER DISTRIBUTION

Downlight

3,629 / 7,257 / 10,886 / 14,514

CONE OF LIGHT Horizontal (30°)

MH	FC	L	W	CB
5.5'	69.9	5.7	3.2	3.2
7'	43.2	7.4	4	4
8'	33	8.5	4.6	4.6
9'	26.1	9.5	5.2	5.2
10'	21.1	10.6	5.8	5.8
12'	14.7	12.7	7	6.9

CONE OF LIGHT Vertical (30°)

D	FC	L	W	CB
1'	9628.3	0.3	0.2	1.7
2'	2407.1	0.7	0.6	3.5
3'	1069.8	1.1	1	5.2
4'	601.8	1.5	1.4	6.9
5'	385.1	1.9	1.6	8.7
6'	267.5	2.3	2	10.4

CANDELA TABLE

Degrees Vertical	Candela
0	140
5	215
15	3083
25	11119
35	11637
45	2210
55	19
65	2
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30	1000	46.8
0-40	1837	86
0-60	2124	99.5
0-90	2135	100
90-180	0	0
0-180	2135	100

Test 3
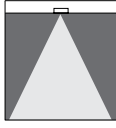
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Housing	LDSQA6A30835D010TE
Trim	LARL20NF 6LSQA1H
Lumens	2803 Lm
Efficacy	64.6 Lm/W
SC	0.37

CANDLEPOWER DISTRIBUTION

Downlight

3,670 / 7,341 / 11,011 / 14,681

CONE OF LIGHT (0°)

MH	FC	L	W
5.5'	485.3	2	2
7'	299.6	2.5	2.6
8'	229.4	2.9	3
9'	181.2	3.3	3.4
10'	146.8	3.7	3.6
12'	102	4.4	4.4

CANDELA TABLE

Degrees Vertical	Candela
0	14681
5	12710
15	4409
25	761
35	57
45	6
55	1
65	0
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30	2747	98
0-40	2793	99.7
0-60	2803	100
0-90	2803	100
90-180	0	0
0-180	2803	100

Test 4

Test Number	P29056
Housing	LDSQA6A30835D-010TE
Trim	LARL20NF 6LSQA1H 30° Tilt
Lumens	2610 Lm
Efficacy	60.3 Lm/W

CANDLEPOWER DISTRIBUTION

Downlight

3,739 / 7,478 / 11,217 / 14,956

CONE OF LIGHT Horizontal (30°)

MH	FC	L	W	CB
5.5'	77.2	6.1	3.6	3.2
7'	47.7	7.8	4.6	4
8'	36.5	8.9	5.2	4.6
9'	28.8	10.1	5.8	5.2
10'	23.4	11.1	6.6	5.8
12'	16.2	13.4	7.8	6.9

CONE OF LIGHT Vertical (30°)

D	FC	L	W	CB
1'	10251.1	0.4	0.4	1.7
2'	2562.8	0.9	0.8	3.5
3'	1139	1.3	1.2	5.2
4'	640.7	1.8	1.6	6.9
5'	410	2.3	2	8.7
6'	284.8	2.7	2.4	10.4

CANDELA TABLE

Degrees Vertical	Candela
0	176
5	350
15	4001
25	12299
35	13469
45	4534
55	74
65	1
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30	1127	43.2
0-40	2155	82.6
0-60	2598	99.5
0-90	2610	100
90-180	0	0
0-180	2610	100

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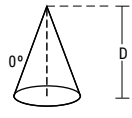
Photometric Data

Test Number	P29057
Housing	LDSQA6A30835D010TE
Trim	LARL35FL 6LSQA1H
Lumens	3260 Lm
Efficacy	75.1 Lm/W
SC	0.6

CANDLEPOWER DISTRIBUTION

Downlight

2,520 / 5,040 / 7,559 / 10,079

CONE OF LIGHT

0°
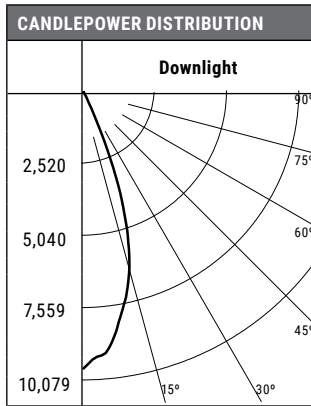
MH	FC	L	W
5.5'	335.8	3.1	3
7'	207.3	4	4
8'	158.7	4.5	4.6
9'	125.4	5.1	5.2
10'	101.6	5.7	5.6
12'	70.5	6.9	6.8
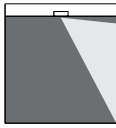
CANDELA TABLE

Degrees Vertical	Candela
0	9787
5	9275
15	6434
25	1180
35	83
45	6
55	1
65	1
75	0
85	0
90	0

ZONAL LUMEN SUMMARY
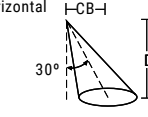
Zone	Lumens	%Fixture
0-30	3197	98.1
0-40	3251	99.7
0-60	3259	100
0-90	3260	100
90-180	0	0
0-180	3260	100

Test Number	P29058
Housing	LDSQA6A30835D-010TE
Trim	LARL35FL 6LSQA1H 30° Tilt
Lumens	3023 Lm
Efficacy	69.7 Lm/W

CANDLEPOWER DISTRIBUTION

Downlight

2,528 / 5,057 / 7,585 / 10,113
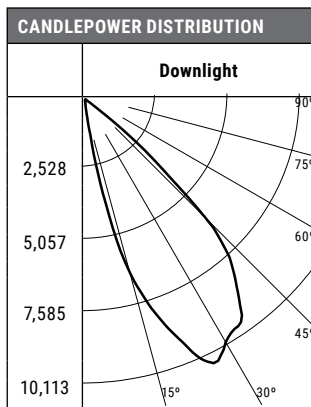
CONE OF LIGHT

Horizontal — 30°

MH	FC	L	W	CB
5.5'	76.8	5	4.6	3.2
7'	47.4	6.5	5.8	4
8'	36.3	7.4	6.6	4.6
9'	28.7	8.4	7.4	5.2
10'	23.2	9.3	8.2	5.8
12'	16.1	11.2	10	6.9

CONE OF LIGHT

Vertical — 30°

D	FC	L	W	CB
1'	7013.4	0.5	0.6	1.7
2'	1753.4	1.2	1.2	3.5
3'	779.3	1.8	1.8	5.2
4'	438.3	2.5	2.6	6.9
5'	280.5	3.2	3.2	8.7
6'	194.8	3.7	3.8	10.4

CANDELA TABLE

Degrees Vertical	Candela
0	240
5	586
15	6478
25	9974
35	9367
45	6253
55	101
65	1
75	0
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30	1357	44.9
0-40	2369	78.4
0-60	3011	99.6
0-90	3023	100
90-180	0	0
0-180	3023	100

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

Device 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

WaveLinx Lite Mobile Application

WaveLinx Lite Integrated Ambient | WaveLinx Lite Tilemount Sensor Kit | WaveLinx Lite Wallstation | WaveLinx Lite Integrated Parking Garage

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 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 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 Router¹ (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

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

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

| Device 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

WaveLinx Lite Mobile Application

WaveLinx Lite Integrated Ambient

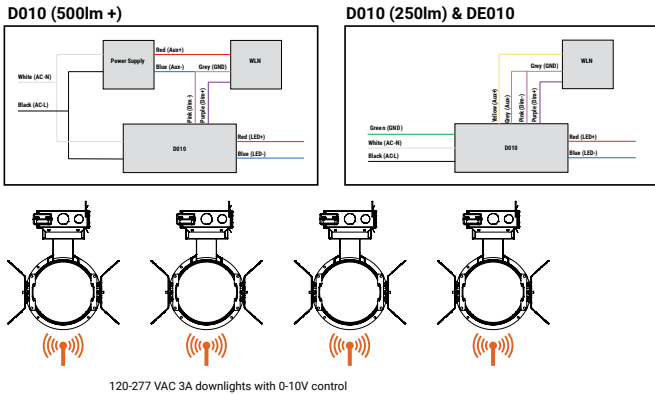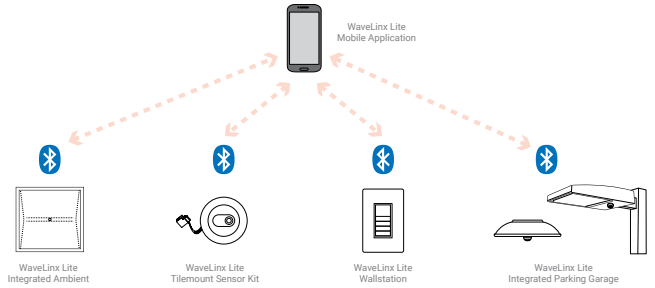WaveLinx Lite Tilemount Sensor Kit

WaveLinx Lite Wallstation

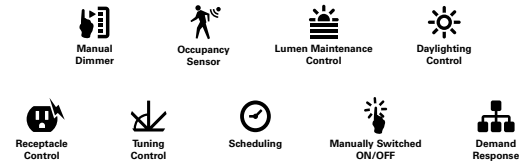WaveLinx Lite Integrated Parking Garage

WaveLinx PRO Wireless Node - WPN

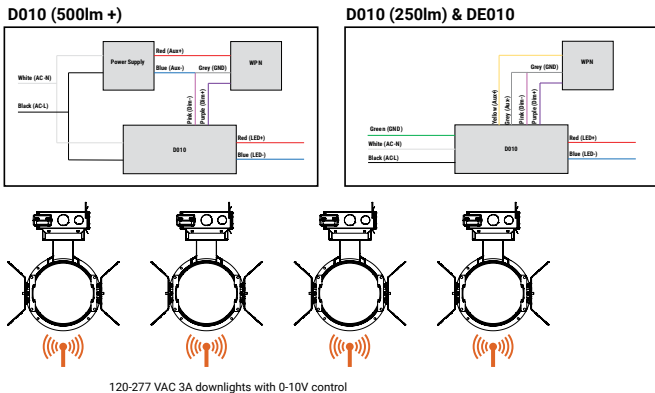**WaveLinx PRO devices only compatible with the WaveLinx PRO system.**

- 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
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 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)*

WaveLinx Mobile App used for system setup and personal control

Building LAN

PoE Power

Touchscreen

Wireless Area Controller