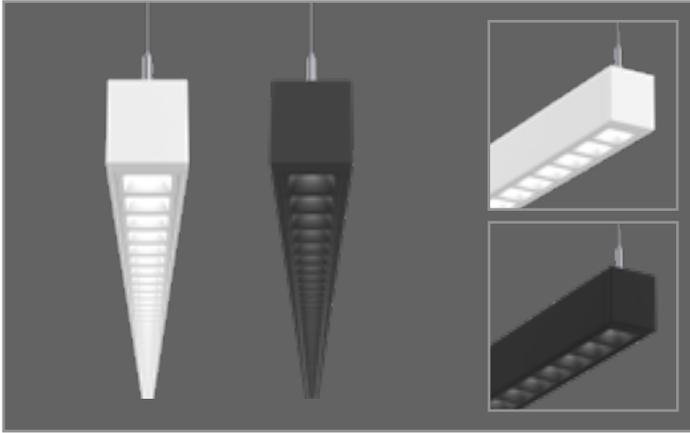


Project		Catalog #		Type	
Prepared by		Notes		Date	



# Corelite

## Discreet™

LED  
Suspended  
Direct, Direct/Indirect

### Typical Applications

- Office • Education • Healthcare • Hospitality • Retail

### Interactive Menu

- Order Information [page 2](#)
- Photometric Data [page 5](#)
- Energy and Performance Data [page 6](#)
- Connected Systems [page 8](#)
- Product Warranty

### Product Certification



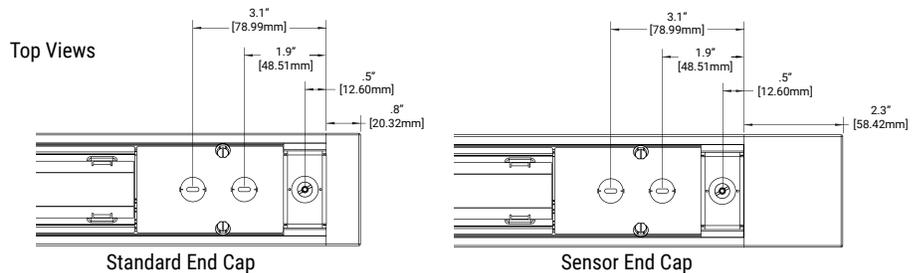
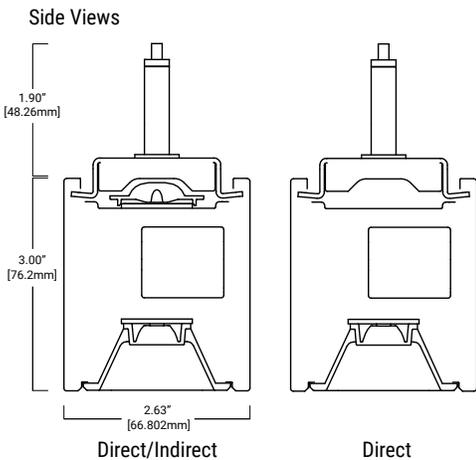
### Product Features



### Top Product Features

- Sleek design with integral electrical components and circuiting options
- Low glare illumination with precision-engineered optical system
- Black (UGR<6) and White (UGR<13) baffle options
- Wide range of direct/indirect distributions plus independent up/down circuiting
- Precision indirect batwing optic for maximizing ceiling uniformity and on-center spacing
- Up to 127 lumens per watt Direct-Indirect, 121 lumens per watt Direct

### Dimensions



Note: End caps add .8" at each end. Sensor end caps add 2.3".

**Order Information**

SAMPLE ORDER NUMBER: **DL2-BB-025U/075D-935-1D-UNV-STD-WAA-BSL6-W-AC48-T1-32**

Series	Shielding	Distribution	Lumen Package Up (Lms/ft)	Lumen Package Down (Lms/ft)	CRI/CCT	Circuiting (In Cross Section)	Specialty Wiring	Voltage
<b>DL2=</b> Discreet Linear 2" Suspended	<b>BB=</b> Black Baffle, TIR Optic <b>WB=</b> White Baffle, TIR Optic	<b>M=</b> Medium, 80°	<b>0U=</b> No Uplight <b>025U=</b> 250 Lumens/ft Up <b>050U=</b> 500 Lumens/ft Up <b>075U=</b> 750 Lumens/ft Up <b>100U=</b> 1000 Lumens/ft Up <b>125U=</b> 1250 Lumens/ft Up <b>150U=</b> 1500 Lumens/ft Up ___ <b>U=</b> Specify	<b>050D=</b> 500 Lumens/ft Down <b>075D=</b> 750 Lumens/ft Down <b>100D=</b> 1000 Lumens/ft Down <b>125D=</b> 1250 Lumens/ft Down ___ <b>D=</b> Specify	<b>930=</b> 3000K, 90+ CRI <b>935=</b> 3500K, 90+ CRI <b>940=</b> 4000K, 90+ CRI	<b>1=</b> Single Circuit <b>2=</b> Dual Circuit (Ind. Up/Down Circuits)	<b>D=</b> None (Default Dimming) <b>E=</b> Emergency Circuit <b>S=</b> Secondary Circuit <b>N=</b> Secondary + Emergency Circuit	<b>UNV=</b> Universal (120V-277V) <b>347=</b> 347V
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b> Custom lumen output available. Up (Indirect): Min = 150 Lms/ft Max = 1480 Lms/ft  Consult factory to specify custom lumen package  See Driver Availability tables for more details.	<b>Notes</b> Custom lumen output available. Down (Direct): Min = 150 Lms/ft Max = 1500 Lms/ft  Consult factory to specify custom lumen package  Not all lumen packages are available for every configuration. See Driver Availability tables for more details.	<b>Notes</b>	<b>Notes</b> Refers to wiring in cross section.  Dual circuit not available with secondary circuit or integrated sensor.	<b>Notes</b> Emergency and Secondary circuit section wiring are configured per unit (4ft, 6ft, 8ft, or 12ft).	<b>Notes</b> Integrated 347V driver with STD 0-10V option only.

Driver/Dimming	Integrated Sensor Options	Integrated Emergency Device Options	Finish	Suspension Type	Ceiling Type	Run Length
<b>STD=</b> Standard 0-10V (1%-100%) <b>SR=</b> Sensor Ready (1%-100%) <b>5LT=</b> Fifth Light DALI (1%-100%) <b>LH=</b> Lutron HiLume 1% EcoSystems (LDE1)	<b>WAA=</b> WaveLinx Wireless Integrated Sensor <b>WAB=</b> WaveLinx Lite Wireless Integrated Sensor <b>LWIPD1=</b> Enlightened Wireless Integrated Sensor	<b>BSL6=</b> Bodine 6-watt, 120V-277V Emergency Battery Pack, Self-Diagnostic, BSL6LST <b>EPC=</b> LVS Controls EPC UL924 Bypass Relay	<b>W=</b> White <b>S=</b> Silver <b>B=</b> Black <b>CC=</b> Custom Color	<b>AC48=</b> 48" Aircraft cable <b>AC120=</b> 120" Aircraft cable <b>AC240=</b> 240" Aircraft cable <b>AC360=</b> 360" Aircraft cable	<b>T1=</b> 15/16" T-Bar <b>T9=</b> 9/16" T-Bar <b>TS=</b> Slotted T-Bar <b>JB=</b> Junction Box / Structure <b>UM=</b> Universal Ceiling Kit (T1, T9, JB) ___ <b>S=</b> Swivel at Canopy (___ = T1, T9, TS or JB)	<b>4=</b> 4 ft <b>6=</b> 6 ft <b>8=</b> 8 ft <b>12=</b> 12 ft <b>XX=</b> Specify Run Length
<b>Notes</b> See Driver Availability tables for more details.  4ft fixture with uplight not available with integrated battery and either SR or 5LT drivers.	<b>Notes</b> WAA and WAB sensor must be used with "STD" driver.  LWI sensor must be used with "SR" driver.  Integrated Sensors combined with Emergency Circuit require one UL924 Bypass Relay per emergency fixture.  4ft Fixture with uplight not available with integrated battery and sensor in same fixture	<b>Notes</b> Battery operates entire downlight portion of 4ft, 6ft fixtures, 4ft sections of 8ft, 6ft sections of 12ft.  Battery available in fixtures up to a combined 2000 lms/ft.  EPC option used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others).  4ft Fixture with uplight not available with integrated battery and sensor in same fixture  4ft Fixture with uplight not available with integrated battery and SR and 5LT drivers in same fixture	<b>Notes</b> <b>CC=</b> must denote RAL color number	<b>Notes</b> Please refer to ceiling interface diagrams for additional detail and dimensions.	<b>Notes</b> UM mounting accommodates 15/16" Grid, 9/16" Grid, 4" Octagonal J-Box, and Structure - Adder applies.  White mounting hardware standard.  Add "B" after ceiling type for black mounting hardware.	<b>Notes</b> See 'Standard Row Configurations' table on Page 4 for continuous row length breakdowns.

## Product Specifications

### Construction

- Single-piece extruded aluminum housing
- 2.63" x 3" profile
- Die-formed 20 gauge cold rolled steel LED tray
- Driver accessible from above while fixture is suspended

### End Caps

- Die cast aluminum end caps with machined outer surfaces for precision alignment to housing
- Attach mechanically to the end of the fixture without exposed fasteners
- Standard end cap adds 0.8" at each end. Integrated sensor end cap adds 2.3" at each end

### Lengths

- Available in 4-ft, 6-ft, 8-ft, and 12-ft sections
- Modular design eliminates the need for starter, intermediate, and end of run sections
- See table on page 4 for standard continuous row length breakdowns

### Finish

- Electrostatically applied polyester powder coat paint
- White, silver, and black finishes are standard.
- RAL custom colors are available

### Mounting

- Aircraft cable mounts on 4'-0", 6'-0", 8'-0", or 12'-0" centers, equal to the respective unit length
- Aircraft cable mount centers are 1/2" from ends of fixture/run.
- Can be adjusted along the length of the fixture to match existing mounting points. See Installation Instructions for more details
- Can be adjusted along the width for balancing.
- Minimum suspension height from ceiling to top of fixture is 4"
- Fixture can be leveled at mounting bracket
- All sections are continuously wired with push-in connectors for fast installation
- Fixtures can be joined for straight continuous runs using supplied alignment brackets/pins and internal cast joiners
- Refer to installation instructions for various ceiling interface details

### Shielding

- **BB**(Black) and **WB**(White): Injection molded, contoured, segmented baffles with for low UGR values and improved visual comfort.

### Optics

- Precision engineered TIR optics on upper and lower LED light engines for optimal light distribution and low glare
- 110° peak candela angle in indirect distribution
- 80° beam angle direct distribution with 45° cutoff

### LED and Light Engine

- LEDs are available in 3000K, 3500K, 4000K
- CRI standard  $\geq 90$ CRI
- Lumen output will be affected - please refer to the lumen adjustment factor tables
- TM21 life at 60,000 hours up to L85 and calculated theoretical L70 exceeds 135,000 hrs.
- Drivers available in 120-277V and 347V

### Integrated Controls

- 0-10V dimming to 1% standard
- WaveLinX sensor compatible for IoT capability
- Enlighted sensor compatible for IoT capability
- DALI 2.0 and Lutron dimming available

### Emergency Options

- Emergency circuit option operates entire downlight portion of a specified unit (4 ft, 6 ft, 8 ft, or 12 ft)
- Optional 6-watt 120-277V integral emergency battery illuminates entire down-light portion of 4ft and 6ft fixtures, 4 ft. sections of 8ft fixtures and 6 ft. sections of 12ft fixtures.
- 90-minute backup period for code compliance
- Test switch/indicator button located on the top side of the luminaire
- For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 6 = 600 lumens)
- Battery is self-testing
- UL 924 emergency/generator transfer options available

### Weight

- 2.6 lbs. per foot

### Compliance

- cULus listed for damp locations
- Tested to IESNA LM-79 and LM-80
- RoHS compliant
- Stated life per TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire

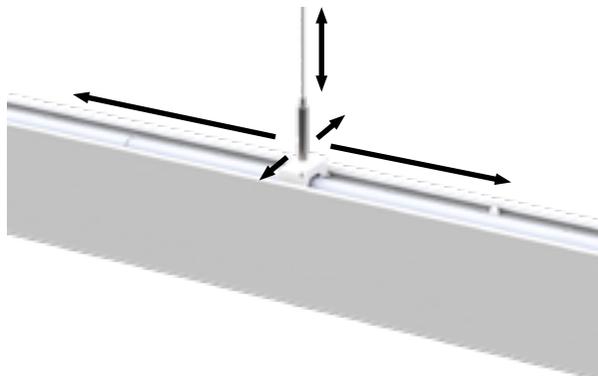
### Warranty

- Five year warranty standard  
[www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)

Discrete Optical System



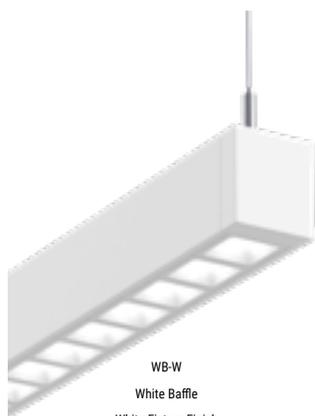
Adjustable Mounting



Baffle & Finish Options



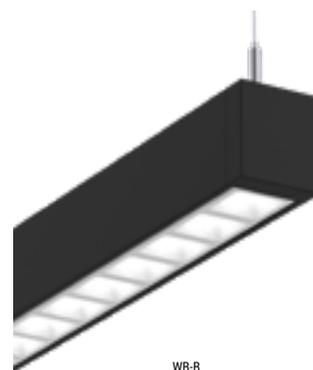
BB-B  
Black Baffle  
Black Fixture Finish



WB-W  
White Baffle  
White Fixture Finish



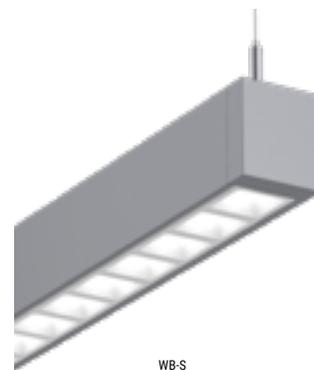
BB-W  
Black Baffle  
White Fixture Finish



WB-B  
White Baffle  
Black Fixture Finish



BB-S  
Black Baffle  
Silver Fixture Finish

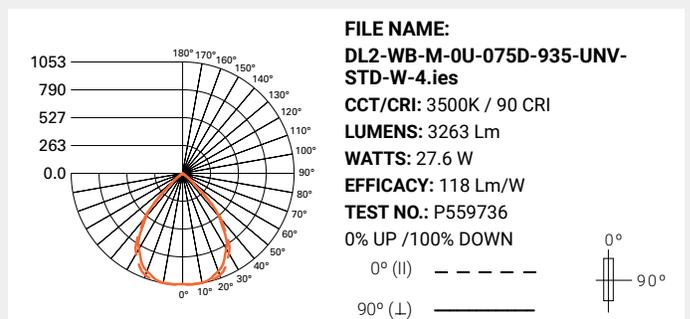
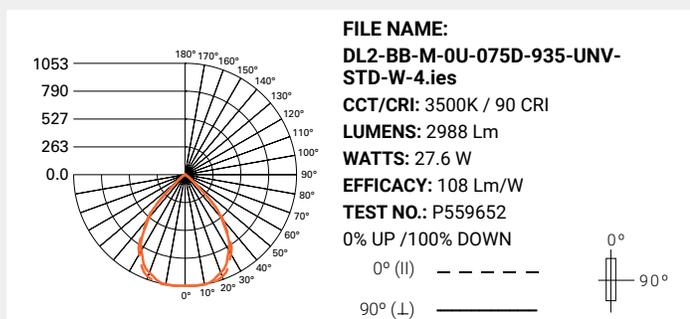
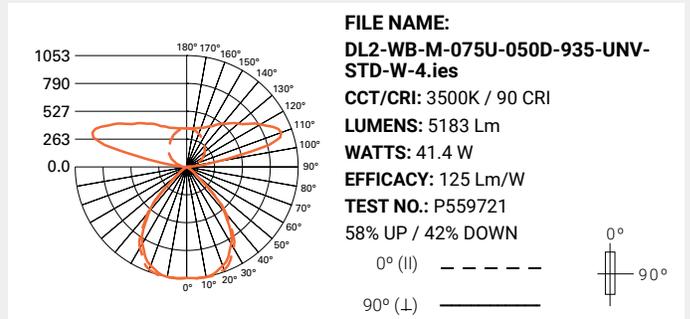
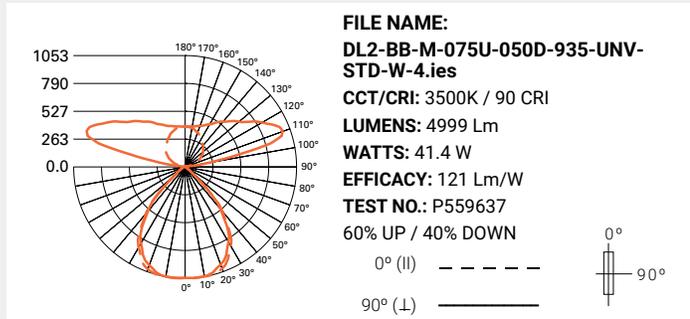


WB-S  
White Baffle  
Silver Fixture Finish

Note: All Finish and Baffle combinations are available. Not all are shown. Custom color housing finishes are also available.

Photometric Data

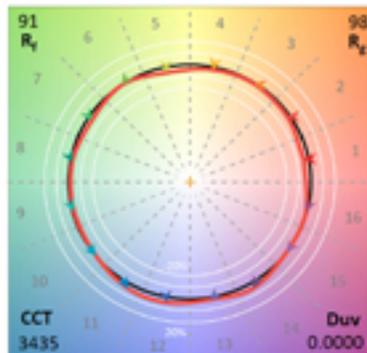
[View IES files](#)



Note: Refer to IES files for more product data.

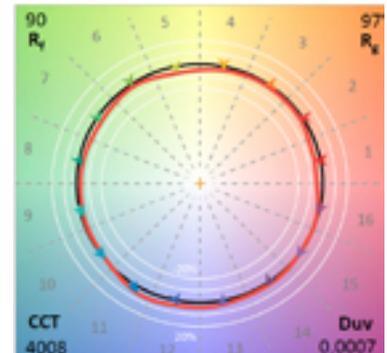
Color Data (3500K)

		90CRI
TM-30-15	R <sub>f</sub>	91.3
	R <sub>g</sub>	98.4
CRI/CIE	R <sub>a</sub>	94.6
	R <sub>9</sub>	70.2



Color Data (4000K)

		90CRI
TM-30-15	R <sub>f</sub>	89.7
	R <sub>g</sub>	97.2
CRI/CIE	R <sub>a</sub>	93.7
	R <sub>9</sub>	68.1



Luminance Data

Luminance (cd/sq.m) - Average 0-Deg. (3500K) - Black Baffle				
Average Candela Degrees	Direct Lumen Package			
	050D	075D	100D	125D
45	8851	13345	18250	22995
55	1012	1575	2025	2559
65	0	0	0	38
75	0	0	0	0
85	0	0	0	0

Luminance (cd/sq.m) - Average 0-Deg. (3500K) - White Baffle				
Average Candela Degrees	Direct Lumen Package			
	050D	075D	100D	125D
45	10220	15010	20554	25071
55	1912	2897	3797	4809
65	802	1221	1641	2023
75	748	1184	1558	1932
85	740	1110	1296	1666

Note: Refer to IES files for more product data.

Nominal Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours) <sup>(1)</sup>	Theoretical L70 (Hours) <sup>(2)</sup>
25°C	>85%	>135,000

Notes: (1) Supported by IES TM-21 standards. (2) Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IES TM-21 and LM-80.

Energy and Performance Data - Black Baffle

Discreet Suspended Performance (3500K)							Glare
Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)	UGR (1-2)(4-6)
0U-050D	0	502	502	4.5	111	0%/100%	2
0U-075D	0	748	748	6.9	108	0%/100%	3.4
0U-100D	0	999	999	9.5	105	0%/100%	4.4
0U-125D	0	1250	1250	12.5	100	0%/100%	5.1
025U-050D	253	502	755	6.4	118	33%/67%	0
025U-075D	253	748	1001	8.8	114	25%/75%	1.3
025U-100D	253	999	1252	11.4	110	20%/80%	2.8
025U-125D	253	1250	1503	14.3	105	17%/83%	3.6
050U-050D	494	502	997	8.2	121	50%/50%	0
050U-075D	494	748	1242	10.6	117	40%/60%	0
050U-100D	494	999	1493	13.2	113	33%/67%	1.7
050U-125D	494	1250	1745	16.2	108	28%/72%	2.7
075U-050D	748	502	1251	10.4	121	60%/40%	0
075U-075D	748	748	1496	12.7	118	50%/50%	0
075U-100D	748	999	1747	15.4	114	43%/57%	0.8
075U-125D	748	1250	1999	18.3	109	37%/63%	1.9
100U-050D	992	502	1494	12.7	118	66%/34%	0
100U-075D	992	748	1739	15.1	116	57%/43%	0
100U-100D	992	999	1991	17.7	113	50%/50%	0.2
100U-125D	992	1250	2242	20.6	109	44%/56%	1.3
125U-050D	1255	502	1757	15.5	113	71%/29%	0
125U-075D	1255	748	2003	17.9	112	63%/37%	0
125U-100D	1255	999	2254	20.5	110	56%/44%	0
125U-125D	1255	1250	2505	23.4	107	50%/50%	0.8
150U-050D	1503	502	2005	18.7	107	75%/25%	0
150U-075D	1503	748	2250	21.1	107	67%/33%	0
150U-100D	1503	999	2502	23.7	106	60%/40%	0
150U-125D	1503	1250	2753	26.6	103	55%/45%	0.3



KEY:

	Meets WELL v2
TEXT	Meets LEED v4.1

Notes:

- (1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane
- (2) For other UGR data for room or reflective ceiling plans please see technical data on website.
- (3) Luminance measured at 45-90 degrees from nadir.
- (4) UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell. (UGR < 16, Luminance < 6,000, Indirect-only)
- (5) UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text. (UGR < 19, Luminance < 7,000, Indirect-only)
- (6) For technical data of other configurations and most accurate data please see the IES files in the photometric section on website or click link at top-right

Lumen Adjustment & Melanopic Ratios

	3000K	3500K	4000K
<b>CRI</b>	<b>90+</b>	<b>90+</b>	<b>90+</b>
<b>Lumen Multiplier</b>	0.962	1.000	1.058
<b>Melanopic Ratio</b>		0.645	0.75

Lumen Adjustment Example Calculation:

025U-075D / 3500K / 90 CRI

Lumen Output selected = 1001 lms/ft

4000K / 90 CRI Desired

Lumen Adjustment Factor = 1.058

Adjusted Lumen Output = 1001 lms/ft x 1.058 = 1059 lms/ft

Energy and Performance Data - White Baffle

Discreet Suspended Performance (3500K)							Glare
Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)	UGR (1-2)(4-6)
0U-050D	0	549	549	4.5	121	0%/100%	9.6
0U-075D	0	816	816	6.9	118	0%/100%	11.1
0U-100D	0	1091	1091	9.5	115	0%/100%	12
0U-125D	0	1363	1363	12.5	109	0%/100%	12.8
025U-050D	253	549	802	6.4	126	32%/68%	7
025U-075D	253	816	1069	8.8	122	24%/76%	9.1
025U-100D	253	1091	1344	11.4	118	19%/81%	10.5
025U-125D	253	1363	1616	14.3	113	16%/84%	11.5
050U-050D	494	549	1043	8.2	127	47%/53%	5.6
050U-075D	494	816	1311	10.6	124	38%/62%	7.9
050U-100D	494	1091	1585	13.2	120	31%/69%	9.4
050U-125D	494	1363	1857	16.2	115	27%/73%	10.6
075U-050D	748	549	1297	10.4	125	58%/42%	4.5
075U-075D	748	816	1565	12.7	123	48%/52%	7
075U-100D	748	1091	1839	15.4	120	41%/59%	8.6
075U-125D	748	1363	2111	18.3	115	35%/65%	9.9
100U-050D	992	549	1540	12.7	122	64%/36%	3.8
100U-075D	992	816	1808	15.1	120	55%/45%	6.3
100U-100D	992	1091	2083	17.7	118	48%/52%	8
100U-125D	992	1363	2354	20.6	114	42%/58%	9.3
125U-050D	1255	549	1804	15.5	116	70%/30%	3.1
125U-075D	1255	816	2071	17.9	116	61%/39%	5.7
125U-100D	1255	1091	2346	20.5	114	54%/46%	7.4
125U-125D	1255	1363	2618	23.4	112	48%/52%	8.8
150U-050D	1503	549	2051	18.7	110	73%/27%	2.5
150U-075D	1503	816	2319	21.1	110	65%/35%	5.1
150U-100D	1503	1091	2593	23.7	110	58%/42%	6.9
150U-125D	1503	1363	2865	26.6	108	52%/48%	8.3



KEY:

	Meets WELL v2
TEXT	Meets LEED v4.1

Notes:

- (1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane
- (2) For other UGR data for room or reflective ceiling plans please see technical data on website.
- (3) Luminance measured at 45-90 degrees from nadir.
- (4) UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell. (UGR < 16, Luminance < 6,000, Indirect-only)
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- (6) For technical data of other configurations please see photometric section on website or click link at top-right

Lumen Adjustment & Melanopic Ratios

	3000K	3500K	4000K
<b>CRI</b>	<b>90+</b>	<b>90+</b>	<b>90+</b>
<b>Lumen Multiplier</b>	0.962	1.000	1.058
<b>Melanopic Ratio</b>		0.645	0.75

Lumen Adjustment Example Calculation:

025U-075D / 3500K / 90 CRI

Lumen Output selected = 1069 lms/ft

4000K / 90 CRI Desired

Lumen Adjustment Factor = 1.058

Adjusted Lumen Output = 1069 lms/ft x 1.058 = 1131 lms/ft

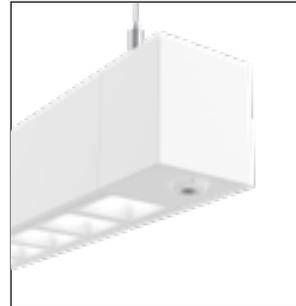
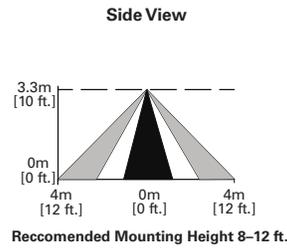
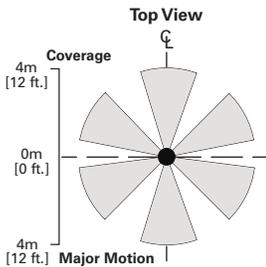
**Control Systems**

- WaveLinx Wireless
- WaveLinx Wired
- WaveLinx Lite
- Enlighted
- iLumin Plus
- VividTune

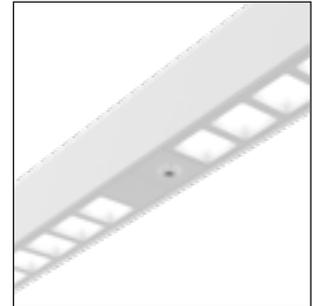


The Discreet with Integrated Sensor technology provides automatic energy savings without sacrificing performance. The Discreet delivers superior lighting with integrated occupancy and daylighting controls. For standalone and controlled applications, the WaveLinx Lite integral sensor provides out-of-the-box functionality with no gateways required and factory startup is not needed. When more connectivity is required, the WaveLinx Wireless sensor meets modern code and utility requirements, delivers energy and cost savings, while enabling buildings to become smart buildings. The WaveLinx Wireless Connected Lighting System combined with Trellix provides an open IoT platform and infrastructure that connects intelligent sensors leveraging the real-estate of the physical light fixture to solve higher complexity problems to deliver actionable insights through the aggregation of valuable data.

For additional information integrated sensors and connected lighting, please visit [Cooper Lighting Solutions' Connected Lighting Website](#).



Discreet Suspended with Integrated Sensor - Endcap



Discreet Suspended with Integrated Sensor - Center Mount



**Standalone**



**Controlled**  
WaveLinx Lite



**Connected**  
WaveLinx Wireless



**Enterprise**  
Trellix

<b>Occupancy</b>	Yes	Yes	Yes	Yes
<b>Daylighting</b>	Yes	Yes	Yes	Yes
<b>Gateways</b>	-	-	1 WAC	300 WACs
<b>Devices</b>	-	50 per Area (1400 per site)	150 per WAC	45,000 per Core Enterprise
<b>Software</b>	-	WaveLinx Lite Mobile App	WaveLinx Mobile App	Trellix Core
<b>Areas</b>	-	28 per Site	16 per WAC	up to 4,800
<b>Zones</b>	-	16 per Area	16 per Area	up to 76,800
<b>Scheduling</b>	-	-	Local	Global
<b>VividTune™</b>	-	-	Yes	Yes
<b>Plug-Load Control</b>	-	-	Yes	Yes
<b>Integration</b>	-	-	-	BACnet, API
<b>Dashboards</b>	-	-	-	Energy, Occupancy
<b>Configuration</b>	-	Installer	Technician	Technician / IT

**SCALABILITY**

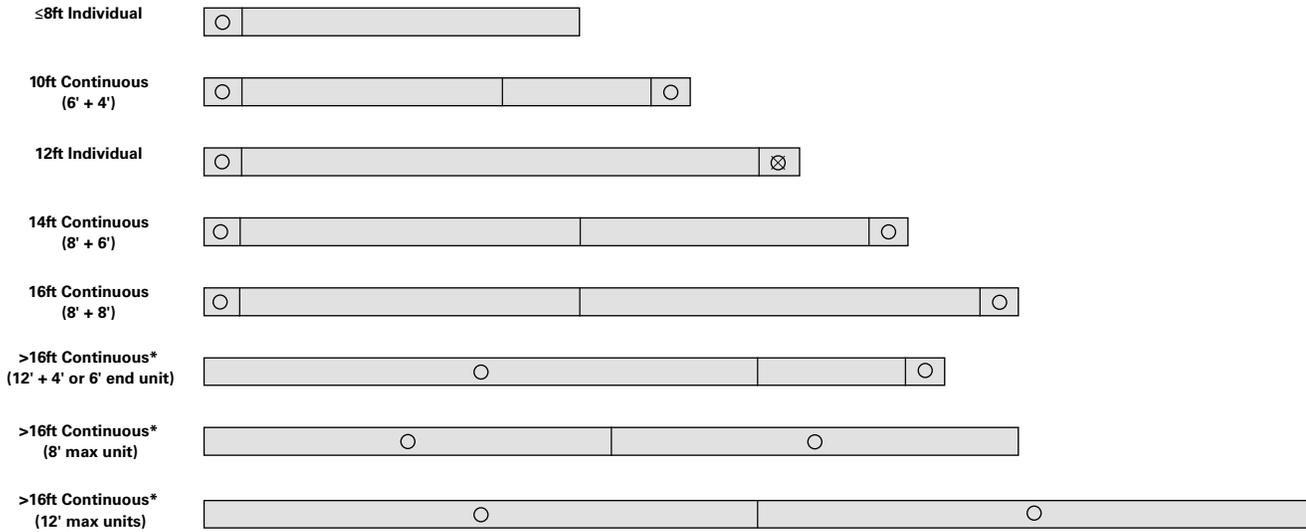
devices

areas

floors

buildings

Default Integral Sensor Placement



- Standard Sensor with Luminaire Control
- ⊗ Auxiliary Sensor used for Sensor Coverage (wireless systems only)

Note: \*See Standard Row Configuration table on Page 4.  
 12' sensor spacing for continuous runs using 12' max units.  
 8' sensor spacing for continuous runs using 8' max units.  
 4' and 6' units at the ends of runs will utilize sensor end caps.

Standard Row Configurations

12' Unit Max

Fixture Length	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'	42'	44'	46'	48'	50'	
4'	1			1																					
6'		1		1		1		1		1		1		1		1		1		1		1		1	
8'			1			1	2		1	2		1	2		1	2		1	2		1	2		1	2
12'					1			1	1		2	1	1	2	2	1	3	2	2	3	3	2	4	3	

Fixture Length	52'	54'	56'	58'	60'	62'	64'	66'	68'	70'	72'	74'	76'	78'	80'	82'	84'	86'	88'	90'	92'	94'	96'	98'	100'
4'																									
6'		1		1		1		1		1		1		1		1		1		1		1		1	
8'	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2
12'	3	4	4	3	5	4	4	5	5	4	6	5	5	6	6	5	7	6	6	7	7	6	8	7	7

8' Unit Max

Fixture Length	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'	42'	44'	46'	48'	50'
4'	1			1	1			1	1			1	1			1	1			1	1			1
6'		1		1		1		1		1		1		1		1		1		1		1		1
8'			1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5

Fixture Length	52'	54'	56'	58'	60'	62'	64'	66'	68'	70'	72'	74'	76'	78'	80'	82'	84'	86'	88'	90'	92'	94'	96'	98'	100'
4'	1			1	1			1	1			1	1			1	1			1	1			1	1
6'		1		1		1		1		1		1		1		1		1		1		1		1	
8'	6	6	7	6	7	7	8	7	8	8	9	8	9	9	10	9	10	10	11	10	11	11	12	11	12

**Driver Availability**

Lumen Package	'STD' 0-10V, UNV Qty of Drivers				'5LT' DALI / 'SR' Qty of Drivers				'L5' / 'LH' Lutron Qty of Drivers				'STD' 0-10V, 347V Qty of Drivers			
	4'	6'	8'	12'	4'	6'	8'	12'	4'	6'	8'	12'	4'	6'	8'	12'
0U-050D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0U-075D	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	2
0U-100D	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	2
0U-125D	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2
025U-050D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
025U-075D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
025U-100D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
025U-125D	2	2	3	3	2	2	3	3	2	2	3	3	2	2	3	3
050U-050D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
050U-075D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
050U-100D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
050U-125D	2	2	3	3	2	2	3	3	2	2	3	3	2	2	3	3
075U-050D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
075U-075D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
075U-100D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
075U-125D	2	2	3	3	2	2	3	3	2	2	3	3	2	2	3	3
100U-050D	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3
100U-075D	2	2	2	4	2	2	2	4	2	2	2	4	2	2	2	4
100U-100D	2	2	2	4	2	2	2	4	2	2	2	4	2	2	2	4
100U-125D	2	2	3	4	2	2	3	4	2	2	3	4	2	2	3	4
125U-050D	2	2	3	3	2	2	3	3	2	2	3	3	2	2	3	3
125U-075D	2	2	3	4	2	2	3	4	2	2	3	4	2	2	3	4
125U-100D	2	2	3	4	2	2	3	4	2	2	3	4	2	2	3	4
125U-125D	2	2	4	4	2	2	4	4	2	2	4	4	2	2	4	4
150U-050D	2	2	3	3	2	2	3	3	2	2	3	3	2	2	3	3
150U-075D	2	2	3	4	2	2	3	4	2	2	3	4	2	2	3	4
150U-100D	2	2	3	4	2	2	3	4	2	2	3	4	2	2	3	4
150U-125D	2	2	4	4	2	2	4	4	2	2	4	4	2	2	4	4