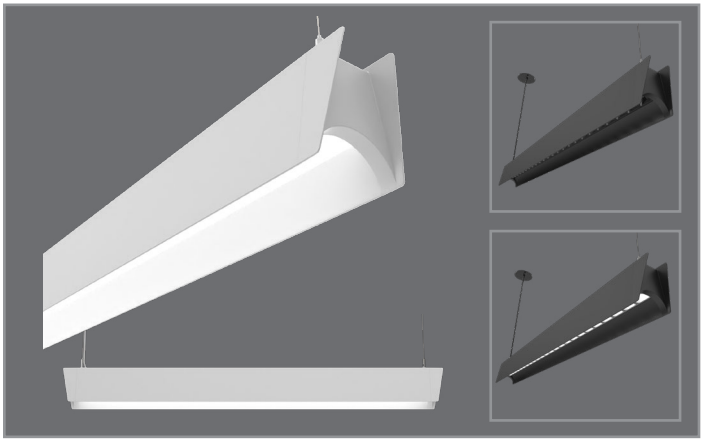
Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Corelite

Vaulta

Suspended
Direct, Direct/Indirect LED

Typical Applications

• Office • Education • Healthcare • Hospitality • Retail

Interactive Menu

Product Certification

Product Features

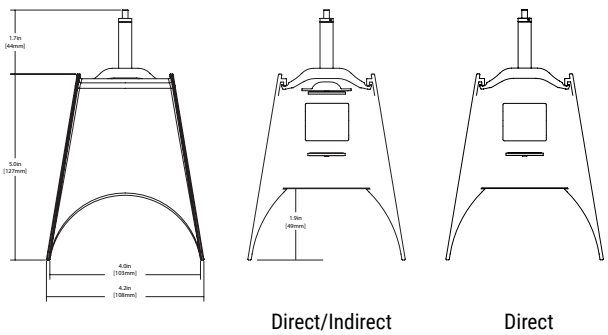
Connected Systems · powered by fifthlight · damp location

Top Product Features

- Open aperture with architectural vault style aesthetics
- Integral electrical components and circuiting options
- Seamless illumination with single-piece luminous roll lens softly lighting open aperture reflectors
- Black and white Discreet glare reducing louvered baffle options
- Batwing and Asymmetric direct distributions with light shaping lens combo
- Precision indirect batwing optic for maximizing ceiling uniformity and on-center spacing
- Wide range of direct/indirect distributions plus independent up/down circuiting
- Up to 142 lumens per watt
- Options to meet Buy American Act requirements

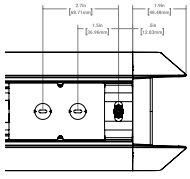
Dimensions

Cross Section Views

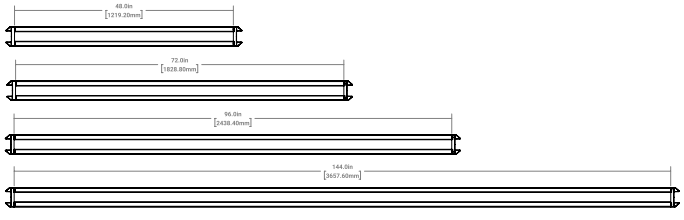


Direct/Indirect Direct

Top View



Bottom Views



Note: End caps add 1.9" at each end.

Order Information

SAMPLE ORDER NUMBER: **VLT-FB-025U/075D-835-1D-UNV-STD-WAA-BSL6-W-AC48-T1-32**

Domestic Preferences	Series	Shielding (Direct)	Distribution (Direct)	Lumen Package Up (Lms/ft)	Lumen Package Down (Lms/ft)	CRI/CCT	Circuiting (In Cross Section)	Specialty Wiring
[Blank]=Standard **BAA**=Buy American Act	**VLT**= Vaulta Suspended Direct, Direct/ Indirect	**F**=Frosted Continuous Roll Lens **BB**= Discreet Black Baffles, TIR Optics **WB**=Discreet White Baffles, TIR Optics	**[BLANK]**=Standard Lambertian **B**=Batwing Distribution **A**=Asymmetric Distribution **M**=Medium, 80° **N**=Narrow, 35° **	**0U**=No Uplight **025U**=250 Lumens/ft Up **050U**=500 Lumens/ft Up **075U**=750 Lumens/ft Up **100U**=1000 Lumens/ft Up **125U**=1250 Lumens/ft Up **150U**=1500 Lumens/ft Up **____U**=Specify **	**050D**=500 Lumens/ft Down **075D**=750 Lumens/ft Down **100D**=1000 Lumens/ft Down **125D**=1250 Lumens/ft Down **____D**=Specify **	**830**=3000K, 80CRI **835**=3500K, 80CRI **840**=4000K, 80CRI **930**=3000K, 90CRI **935**=3500K, 90CRI **940**=4000K, 90CRI	**1**=Single Circuit **2**=Dual Circuit (Ind. Up/Down Circuits)	**D**=None (Default Dimming) **E**=Emergency Circuit **S**=Secondary Circuit **N**=Secondary + Emergency Circuit
Notes Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	**Notes**	**Notes** **F:** Continuous lens supplied up to 100+ ft. Consult factory for more information on white and light custom color fixtures with Discreet baffle's segmented optics and medium distribution that creates a nonuniform reflector effect on the inside housing.	**Notes** **** N:** Narrow Beam Discreet Optic coming soon. Consult factory for availability.	**Notes** Custom lumen output available. Up (Indirect): Min = 150 Lms/ft Max = 1480 Lms/ft Custom lumens are specified to the nearest 10 lumens/ft ** Consult factory to specify custom lumen package Not all lumen packages are available for every configuration. See Driver Availability tables for more details.	**Notes** Custom lumen output available. Down (Direct): Min = 150 Lms/ft Max = 1500 Lms/ft Custom lumens are specified to the nearest 10 lumens/ft ** Consult factory to specify custom lumen package Not all lumen packages are available for every configuration. See Driver Availability tables for more details.	**Notes** 80 CRI standard for lensed shielding options. 90 CRI available. 90 CRI is standard for black and white Discreet baffle shielding options (BB, WB).	**Notes** Refers to wiring in cross section. Dual circuit not available with secondary circuit or integrated sensor.	**Notes** Emergency and Secondary circuit section wiring are configured per unit (4ft, 6ft, 8ft, or 12ft). Emergency circuit option operates entire downlight portion of a specified unit.

Voltage	Driver/Dimming	Integral Sensor Options	Integral Emergency Device Options	Finish	Suspension Type	Ceiling Type	Run Length
UNV=Universal (120V-277V) **347**=347V	**STD**=Standard 0-10V (1%-100%) **SR**=Sensor Ready (1%-100%) **5LT**=Fifth Light DALI (5%-100%) **LH**=Lutron HiLume 1% EcoSystems (LDE1)	**WAA**=WaveLinx Wireless Integrated Sensor **WAB**=WaveLinx Lite Wireless Integrated Sensor **LWIPD1**=Enlighted Wireless Integrated Sensor	**BSL6**=Bodine 6-watt, 120V-277V Emergency Battery Pack, Self-Diagnostic, BSL6LST **EPC**=LVS Controls EPC UL924 Bypass Relay	**W**=White **S**=Silver **B**=Black **CC**=Custom Color	**AC48**=48" Aircraft cable **AC120**=120" Aircraft cable **AC240**=240" Aircraft cable **AC360** = 360" Aircraft cable	**T1**=15/16" T-Bar **T9**=9/16" T-Bar **TS**=Slotted T-Bar **JB**=Junction Box / Structure **UM**=Universal Ceiling Kit (T1, T9, JB) **__S**=Swivel at Canopy (__ = T1, T9, TS or JB)	**4**=4 ft **6**=6 ft **8**=8 ft **12**=12 ft **XX**=Specify Run Length
Notes Integral 347V driver with STD 0-10V option only.	**Notes** Not all driver options are available for every configuration. See Driver Availability tables for more details. 4ft Fixture with uplight not available with integrated battery and SR and 5LT drivers in same fixture.	**Notes** 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. SWPD1 has been renamed to WAA but remains the same sensor.	**Notes** EPC option used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). Battery operates entire downlight portion of 4ft, 6ft fixtures and 4ft sections of 8ft and 12ft. 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.	**Notes** **CC**=must denote RAL color number Consult factory for Discreet Baffles with White fixture finish.	**Notes** Please refer to ceiling interface diagrams for additional detail and dimensions.	**Notes** UM mounting accommodates 15/16" Grid, 9/16" Grid, 4" Octagonal J-Box, and Structure - Adder applies. White mounting hardware standard. For black mounting hardware, add "-B" after ceiling type. (e.g. T1-B).	**Notes** See 'Standard Row Configurations' table on Page 4 for continuous row length breakdowns.

Product Specifications

Construction
- Single-piece extruded aluminum housing
- 4" x 5" 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 allow for expansion of roll lens to eliminate light leak
- Attach mechanically to the end of the fixture without exposed fasteners
- Standard end cap adds 1.9" 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', 6', 8', or 12' 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
- Minimum suspension height from ceiling to top of fixture is 5"
- Can be adjusted along the width at mounting bracket for balancing.
- All sections are continuously wired with push-in connectors for fast installation
- Fixtures can be joined for straight continuous runs using supplied alignment pins and internal cast joiners
- Refer to installation instructions for various ceiling interface details

Shielding
- **F:** Continuous lens supplied up to 100+ ft. Consult factory for more information on white and light custom color fixures with Discreet baffle's segmented optics and medium distribution that creates a nonuniform reflector effect on the inside housing.
- **BB**(Black) and **WB**(White): Injection molded, contoured, segmented baffles with for low UGR values and improved visual comfort.
- **FB, FA**: Frosted continuous flexible roll lens and light shaping lens combo creates seamless illumination along entire row length. Each lens is a single piece roll lens up to 100+ ft.

Optics
- Precision engineered acrylic TIR optics on upper and lower LED light engines for optimal light distribution and uniformity
- 110˚ peak candela angle in indirect distribution
- **BB, WB:** 80° beam angle direct distribution with 45° cutoff

LED and Light Engine
- LEDs are available in 3000K, 3500K, 4000K
- CRI options of either ≥80CRI or ≥90CRI
- Lumen output will be affected - please refer to the lumen adjustment factor tables
- TM21 life at 60,000 hours up to L84 and calculated L70 exceeds 121,000 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

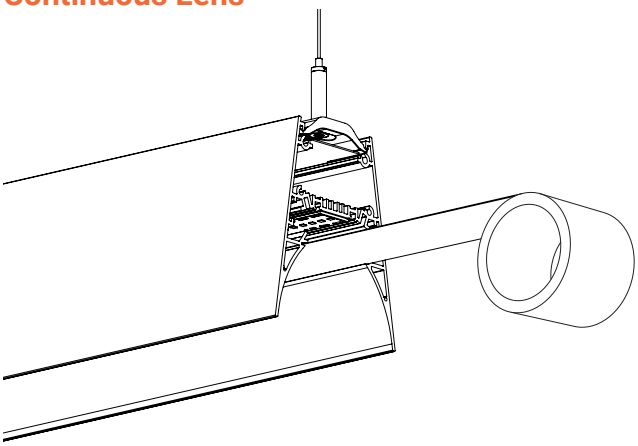
Emergency Options
- Emergency circuit option operates entire downlight portion of a specified unit (4 ft, 6 ft, 8 ft, or 12 ft)
- Optional 6-watt 120-277V integral emergency battery illuminates a 4 ft. down-light section
- 90-minute backup period for code compliance
- Test switch/indicator button located 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
- < 3.75 lbs. per foot

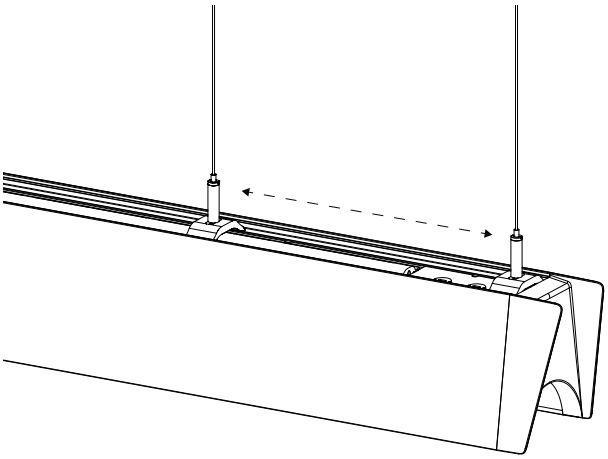
Compliance
- cULus listed for damp locations
- Tested to IESNA LM-79 and LM-80
- RoHS compliant
- Stated life per TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire
- DesignLights Consortium® Qualified and classified for DLC Standard (refer to www.designlights.org)

Warranty
- Five year warranty standard
  www.cooperlighting.com/legal

Continuous Lens



Adjustable Mounting



Shielding & Finish Options

F-W
Frosted Continuous Lens,
White Fixture Finish

F-W
Frosted Continuous Lens
Black Fixture Finish

F-W
Frosted Continuous Lens
Silver Fixture Finish

BB-B
Black Baffle
Black Fixture Finish

WB-W
White Baffle
Black Fixture Finish

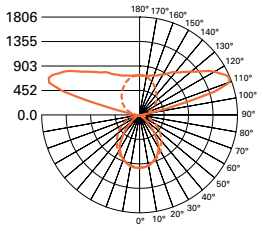
BB-W
Black Baffle
White Fixture Finish

WB-W
White Baffle
White Fixture Finish

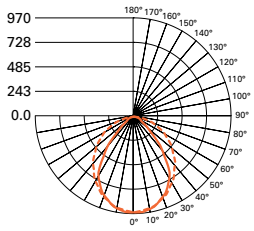
Note: All Finish and Shielding combinations are available. Not all are shown. Custom color housing finishes are also available.

Photometric Data - Frosted Lens

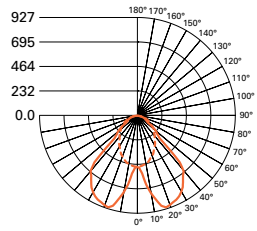
View IES files



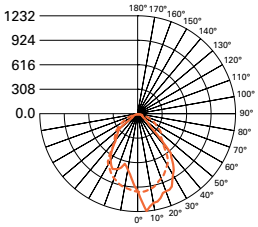
FILE NAME:
VLT-F-100U-050D-835-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 80 CRI
LUMENS: 5951 Lm
WATTS: 43.4 W
EFFICACY: 137 Lm/W
TEST NO.: P621506
67% UP / 33% DOWN



FILE NAME:
VLT-F-0U-050D-835-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 80 CRI
LUMENS: 1973 Lm
WATTS: 14.4 W
EFFICACY: 137 Lm/W
TEST NO.: P621482
0% UP / 100% DOWN



FILE NAME:
VLT-FB-0U-050D-835-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 80 CRI
LUMENS: 1763 Lm
WATTS: 14.4 W
EFFICACY: 122 Lm/W
TEST NO.: P621818
0% UP / 100% DOWN



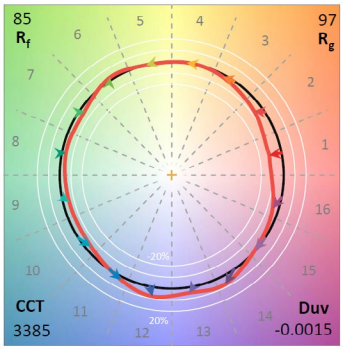
FILE NAME:
VLT-FA-0U-050D-835-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 80 CRI
LUMENS: 2027 Lm
WATTS: 14.4 W
EFFICACY: 141 Lm/W
TEST NO.: P621650
0% UP / 100% DOWN

Note: Refer to IES files for more product data.

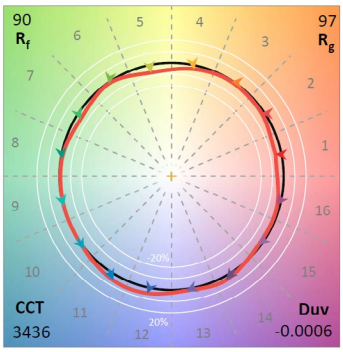
Color Data (3500K)

		80CRI	90CRI
TM-30-15	R_f	85	90.1
	R_g	96.6	97.4
CRI/CIE	R_a	84.6	94.3
	R_9	16.1	59.8

80CRI



90CRI



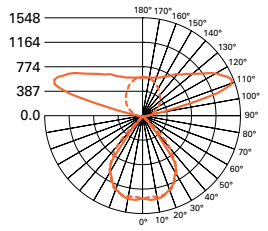
Lumen Maintenance

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

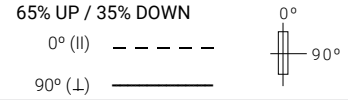
Notes: (1) Supported by IES TM-21 standards. (2) Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IES TM-21 and LM-80.

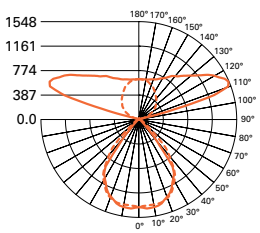
Photometric Data - Discreet Baffles

View IES files

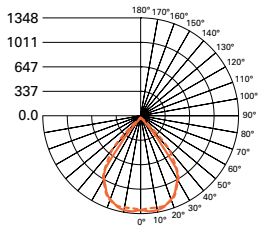


FILE NAME:
VLT-BB-M-100U-050D-935-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 90 CRI
LUMENS: 5229.5 Lm
WATTS: 51.6 W
EFFICACY: 101.3 Lm/W
TEST NO.: P621962
65% UP / 35% DOWN

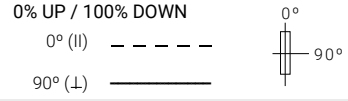


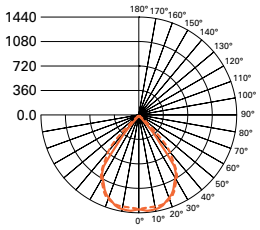


FILE NAME:
VLT-WB-M-100U-050D-935-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 90 CRI
LUMENS: 5368 Lm
WATTS: 51.6 W
EFFICACY: 104 Lm/W
TEST NO.: P622046
64% UP / 36% DOWN



FILE NAME:
VLT-BB-M-0U-050D-935-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 90 CRI
LUMENS: 1821 Lm
WATTS: 18.3 W
EFFICACY: 99.5 Lm/W
TEST NO.: P621950
0% UP / 100% DOWN



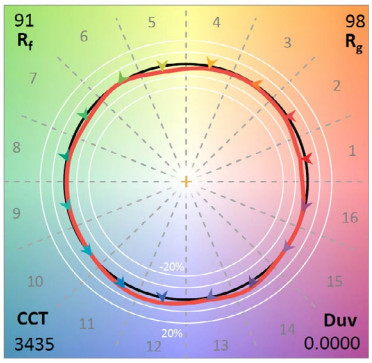


FILE NAME:
VLT-WB-M-0U-050D-935-1D-UNV-STD-W-4.ies
CCT/CRI: 3500K / 90 CRI
LUMENS: 1960 Lm
WATTS: 18.3 W
EFFICACY: 107 Lm/W
TEST NO.: P622034
0% UP / 100% DOWN

Note: Refer to IES files for more product data.

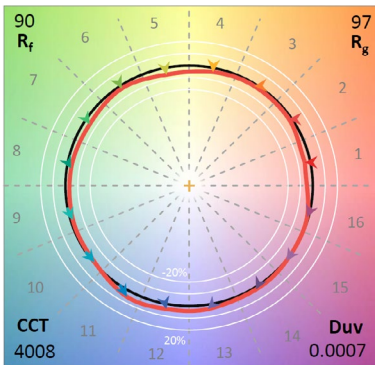
Color Data (3500K)

		90CRI
TM-30-15	R_f	91.3
	R_g	98.4
CRI/CIE	R_a	94.6
	R_9	70.2



Color Data (4000K)

		90CRI
TM-30-15	R_f	89.7
	R_g	97.2
CRI/CIE	R_a	93.7
	R_9	69.1



Luminance Data

Luminance (cd/sq.m) - Average 0-Deg. (3500K) - Black Baffle				
Average Candela Degrees	Direct Lumen Package			
	050D	075D	100D	125D
45	3704	5506	7334	9263
55	408	606	807	1018
65	17	25	34	42
75	0	0	0	0
85	0	0	0	0

Note: Refer to IES files for more product data.

Luminance (cd/sq.m) - Average 0-Deg. (3500K) - White Baffle				
Average Candela Degrees	Direct Lumen Package			
	050D	075D	100D	125D
45	4272	6352	8461	10684
55	801	1190	1585	2003
65	357	530	706	891
75	333	494	660	832
85	329	486	650	823

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours) (1)	Theoretical L70 (Hours) (2)
25°C	>99%	>60,000

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 - Frosted Lens

Vaulta Suspended Performance - 80CRI, 3500K [6]							Glare	
Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)	UGR [1,2,4,5,6]	MAX LUMINANCE [3,4,5,6]
0U-050D	0	493	493	3.6	137	0%/100%	21.2	5835
0U-075D	0	751	751	5.4	139	0%/100%	22.7	8883
0U-100D	0	999	999	7.3	137	0%/100%	23.7	11821
0U-125D	0	1255	1255	9.7	130	0%/100%	24.5	14841
025U-050D	257	493	750	5.7	132	34%/66%	18.5	5835
025U-075D	257	751	1008	7.5	135	25%/75%	20.7	8883
025U-100D	257	999	1256	9.4	134	20%/80%	22.1	11821
025U-125D	257	1255	1512	11.8	129	17%/83%	23.1	14841
050U-050D	495	493	989	7.3	136	50%/50%	17.1	5835
050U-075D	495	751	1246	9.1	138	40%/60%	19.5	8883
050U-100D	495	999	1495	11.0	136	33%/67%	21	11821
050U-125D	495	1255	1750	13.3	131	28%/72%	22.2	14841
075U-050D	752	493	1245	8.8	141	60%/40%	16	5835
075U-075D	752	751	1503	10.6	142	50%/50%	18.5	8883
075U-100D	752	999	1751	12.5	140	43%/57%	20.2	11821
075U-125D	752	1255	2007	14.9	135	37%/63%	21.5	14841
100U-050D	993	493	1486	10.9	137	67%/33%	15.2	5835
100U-075D	993	751	1744	12.7	138	57%/43%	17.8	8883
100U-100D	993	999	1992	14.6	137	50%/50%	19.5	11821
100U-125D	993	1255	2248	16.9	133	44%/56%	20.9	14841
125U-050D	1249	493	1743	13.2	133	72%/28%	14.6	5835
125U-075D	1249	751	2000	15.0	134	62%/38%	17.2	8883
125U-100D	1249	999	2249	16.9	133	56%/44%	19	11821
125U-125D	1249	1255	2504	19.2	130	50%/50%	20.3	14841
150U-050D	1494	493	1987	15.8	126	75%/25%	14	5835
150U-075D	1494	751	2245	17.6	128	67%/33%	16.7	8883
150U-100D	1494	999	2493	19.5	128	60%/40%	18.5	11821
150U-125D	1494	1255	2748	21.8	126	54%/46%	19.9	14841

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 please see photometric section on website or click link at top-right

Lumen Adjustment & Melanopic Ratios

CCT	3000K		3500K		4000K	
CRI	80+	90+	80+	90+	80+	90+
Lumen Multiplier	0.999	0.843	1.000	0.884	1.029	0.924
Melanopic Ratio	0.518	0.582	0.597	0.661	0.661	0.735

Lens Lumen Multipliers (applied to Direct/Down output)- Vaulta Lenses	
Batwing Distribution Lens	0.893
Asymmetric Distribution Lens	0.793

Example Calculation:
<u>025U-075D / 3500K / 80 CRI</u>
Lumen Output selectred = 1008 lms/ft

<u>3500K / 90 CRI Desired</u>
Lumen Adjustment Factor = 0.884

Adjusted Lumen Output = 1008 lms/ft x 0.884 = 891 lms/ft

Energy and Performance Data - Discreet Optics, Black Baffles

Vaulta Suspended Performance - 90CRI, 3500K [6]							Glare
Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)	UGR [1,2,4,5,6]
0U-050D	0	456	456	4.6	100	0%/100%	0
0U-075D	0	678	678	7.0	97	0%/100%	0.4
0U-100D	0	903	903	9.6	94	0%/100%	1.4
0U-125D	0	1140	1140	12.4	92	0%/100%	2.2
025U-050D	220	456	676	6.9	99	33%/67%	0
025U-075D	220	678	898	9.3	97	24%/76%	0
025U-100D	220	903	1123	11.9	95	20%/80%	0
025U-125D	220	1140	1360	14.7	93	16%/84%	0.8
050U-050D	420	456	876	8.6	102	48%/52%	0
050U-075D	420	678	1098	11.0	100	38%/62%	0
050U-100D	420	903	1323	13.6	97	32%/68%	0
050U-125D	420	1140	1560	16.4	95	27%/73%	0
075U-050D	641	456	1097	10.5	105	58%/42%	0
075U-075D	641	678	1319	12.9	102	49%/51%	0
075U-100D	641	903	1544	15.5	99	42%/58%	0
075U-125D	641	1140	1781	18.3	97	36%/64%	0
100U-050D	852	456	1308	12.9	101	65%/35%	0
100U-075D	852	678	1530	15.3	100	56%/44%	0
100U-100D	852	903	1755	17.9	98	49%/51%	0
100U-125D	852	1140	1992	20.7	96	43%/57%	0
125U-050D	1095	456	1551	15.5	100	71%/29%	0
125U-075D	1095	678	1773	17.9	99	62%/38%	0
125U-100D	1095	903	1998	20.5	97	55%/45%	0
125U-125D	1095	1140	2235	23.3	96	49%/51%	0
150U-050D	1250	456	1706	18.7	91	73%/27%	0
150U-075D	1250	678	1928	21.1	91	65%/35%	0
150U-100D	1250	903	2153	23.7	91	58%/42%	0
150U-125D	1250	1140	2390	26.5	90	52%/48%	0

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 please see photometric section on website or click link at top-right

Lumen Adjustment & Melanopic Ratios

CCT	3000K	3500K	4000K
CRI	90+	90+	90+
Lumen Multiplier	0.987	1.000	1.028
Melanopic Ratio	0.569	0.620	0.773

Example Calculation:
025U-075D / 3500K / 90 CRI
Lumen Output selectred = 898 lms/ft

3000K / 90 CRI Desired
Lumen Adjustment Factor = 0.987

Adjusted Lumen Output = 898 lms/ft x 0.987 = 886 lms/ft

Energy and Performance Data - Discreet Optics, White Baffles

Vaulta Suspended Performance - 90CRI, 3500K [6]							Glare
Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)	UGR [1,2,4,5,6]
0U-050D	0	491	491	4.6	107	0%/100%	5
0U-075D	0	729	729	7.0	104	0%/100%	6.4
0U-100D	0	971	971	9.6	101	0%/100%	7.4
0U-125D	0	1227	1227	12.4	99	0%/100%	8.2
025U-050D	220	491	710	6.9	104	31%/69%	2.4
025U-075D	220	729	949	9.3	102	23%/77%	4.5
025U-100D	220	971	1191	11.9	100	18%/82%	5.9
025U-125D	220	1227	1447	14.7	99	15%/85%	6.9
050U-050D	420	491	911	8.6	106	46%/54%	1.1
050U-075D	420	729	1150	11.0	104	37%/63%	3.3
050U-100D	420	971	1392	13.6	102	30%/70%	4.9
050U-125D	420	1227	1647	16.4	100	26%/74%	6.1
075U-050D	641	491	1132	10.5	108	57%/43%	0
075U-075D	641	729	1371	12.9	106	47%/53%	2.4
075U-100D	641	971	1613	15.5	104	40%/60%	4
075U-125D	641	1227	1868	18.3	102	34%/66%	5.3
100U-050D	852	491	1342	12.9	104	63%/37%	0
100U-075D	852	729	1581	15.3	103	54%/46%	1.7
100U-100D	852	971	1823	17.9	102	47%/53%	3.4
100U-125D	852	1227	2079	20.7	100	41%/59%	4.7
125U-050D	1095	491	1586	15.5	102	69%/31%	0
125U-075D	1095	729	1825	17.9	102	60%/40%	1
125U-100D	1095	971	2067	20.5	101	53%/47%	2.8
125U-125D	1095	1227	2322	23.3	100	47%/53%	4.2
150U-050D	1250	491	1740	18.7	93	72%/28%	0
150U-075D	1250	729	1979	21.1	94	63%/37%	0.6
150U-100D	1250	971	2221	23.7	94	56%/44%	2.4
150U-125D	1250	1227	2477	26.5	94	50%/50%	3.8

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 please see photometric section on website or click link at top-right

Lumen Adjustment & Melanopic Ratios

CCT	3000K	3500K	4000K
CRI	90+	90+	90+
Lumen Multiplier	0.987	1.000	1.028
Melanopic Ratio	0.569	0.620	0.773

Example Calculation:
025U-075D / 3500K / 90 CRI
Lumen Output selectred = 949 lms/ft

3000K / 90 CRI Desired
Lumen Adjustment Factor = 0.987

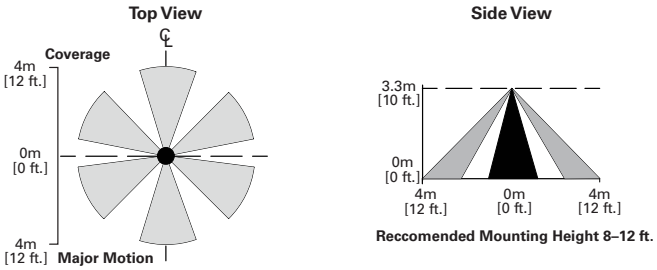
Adjusted Lumen Output = 949 lms/ft x 0.987 = 937 lms/ft

Control Systems

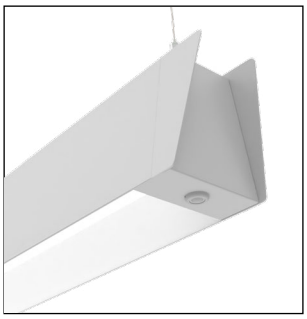
- WaveLinx Wireless
- WaveLinx Wired
- WaveLinx Lite
- Enlighted
- iLumin Plus
- VividTune

Connected Systems CLICK HERE

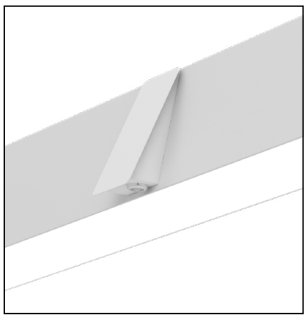
The Vaulta with Integrated Sensor technology provides automatic energy savings without sacrificing performance. The Vaulta delivers superior lighting with integrated occupancy and daylighting controls. For standalone and controlled applications, the WaveLinx Lite integral sensor provides out-of-the-box 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.



Note: Discreet Baffle configurations may have a small cutoff of coverage pattern perpendicular to the fixture.



Vaulta Suspended with Integrated Sensor - Endcap



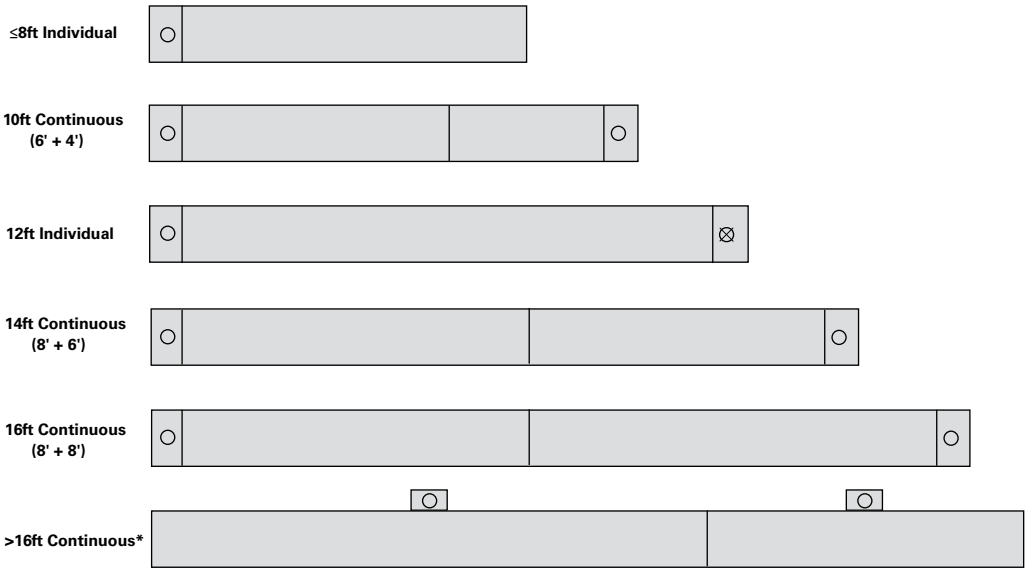
Vaulta Suspended with Integrated Sensor - Side Mount

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

SCALABILITY

devices → areas → floors → buildings

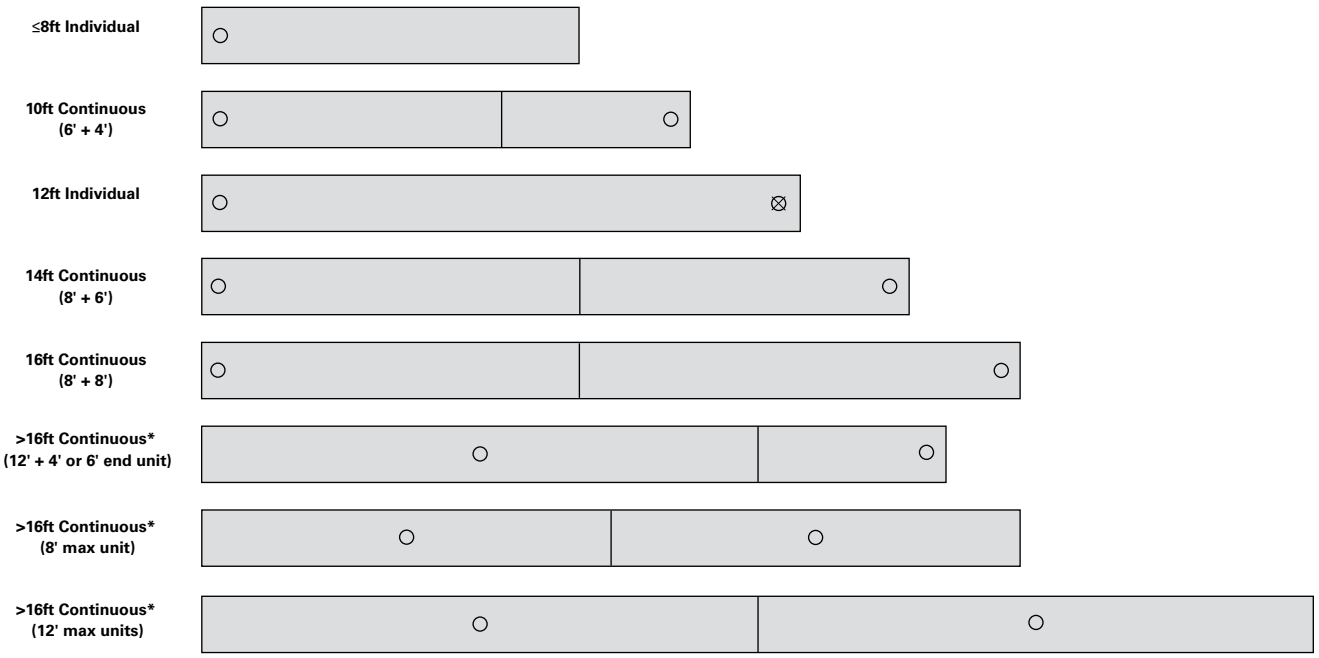
Default Integral Sensor Placement - Frosted Lens



Note: *See Standard Row Configuration table on Page 4.

○ Standard Sensor with Luminaire Control
⊠ Auxiliary Sensor used for Sensor Coverage (wireless systems only)

Default Integral Sensor Placement - Discreet Baffles



○ 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.

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
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 - Frosted Lens

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

Notes:
When battery option is selected:
- 8ft fixtures contain 2 downlight drivers in all configurations
- 12ft fixtures contain 3 downlight drivers in all configurations

Cooper Lighting Solutions
18001 East Colfax Avenue
Aurora, CO 80011
P: 1-800-760-1317
www.cooperlighting.com

Driver Availability - Discreet Baffles

	'STD' 0-10V, UNV Qty of Drivers				'SLT' DALI / 'SR' Qty of Drivers				'LH' Lutron Qty of Drivers				'STD' 0-10V, 347V Qty of Drivers			
Lumen Package	**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

Notes:
When battery option is selected:
- 8ft fixtures contain 2 downlight drivers in all configurations
- 12ft fixtures contain 3 downlight drivers in all configurations

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