SDLG-3-1ACF

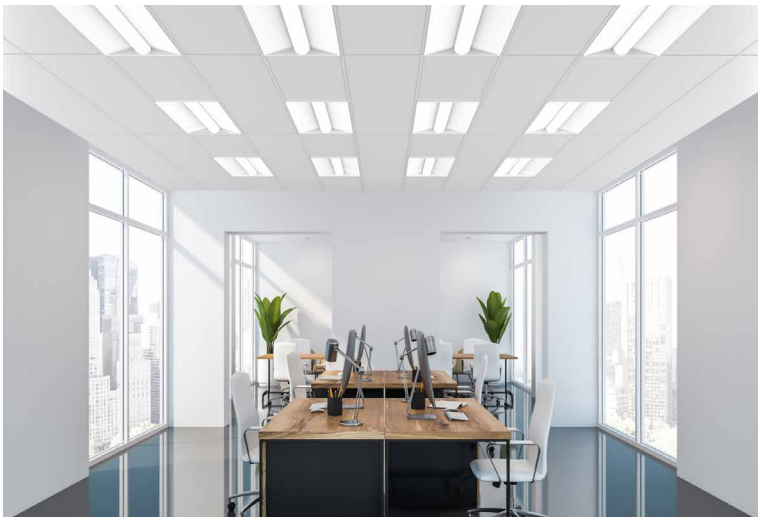
SDL . G . 1 Acrylic Frosted Lens

PROJECT: DATE:
CAT.NO: TYPE:
NOTES: VOLTS:

EVALUX® SERIES

GENERAL DESCRIPTION

LED luminaire for **recessed** installation for 15/16" T-grid ceilings. Frosted acrylic lens with a rigid one-piece body constructed from code gauge steel with contoured steel reflector. Ideal for indoor general area lighting, retail space and other commercial lighting. Control available, consult factory. Field adjustments to be done on site.



CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable damp locations.

*LED Five (5) year limited warranty.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.
Specifications are subject to change. Please confirm latest specifications prior to placing order.

ELECTRICAL

3000K | 3500K | 4000K | 5000K

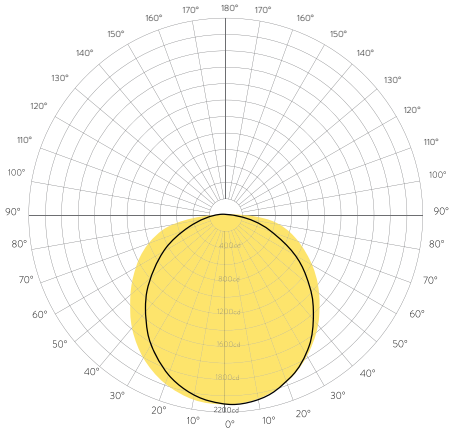
120V - 347V

L80 performance at 60,000 hours minimum.
80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

FINISH

High gloss white polyester baked powder coat enamel.

PHOTOMETRIC DATA



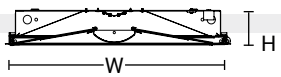
SDLG-3-1ACF-24G-45W-40K

0°-180°
90°-270°

DIMENSIONS

SIZE	L	W	H
14G	47.70"	12.00"	4.00"
22G	23.75"	23.75"	2.35"
24G	47.70"	23.75"	2.35"

MOUNTING / CROSS SECTION



RECESSED

ORDERING INFORMATION

SDLG-3	1ACF				MV3
FIXTURE	SHIELDING	SIZE	WATTAGE	CCT	DRIVER
SDLG-3 = SDL . G . 3	**1ACF** = 1 Acrylic Frosted Lens	**14G** = 1' x 4' T-Bar Ceiling **22G** = 2' x 2' T-Bar Ceiling	**36W** = 36 Watts (SELECTABLE 24W, 30W, 36W)	**30K** = 3000K **35K** = 3500K **40K** = 4000K **50K** = 5000K	**MV3** = Standard 120V-347V, 10% Dimming (0-10V)
		24G = 2' x 4' T-Bar Ceiling	**45W** = 45 Watts (SELECTABLE 35W, 40W, 45W)		

PERFORMANCE SUMMARY 14G AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
3300	24	142
4200	30	140
4800	36	138

PERFORMANCE SUMMARY 22G AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
3300	24	139
4200	30	138
4800	36	138

PERFORMANCE SUMMARY 24G AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
6000	47	130
5200	39	129
4600	35	132

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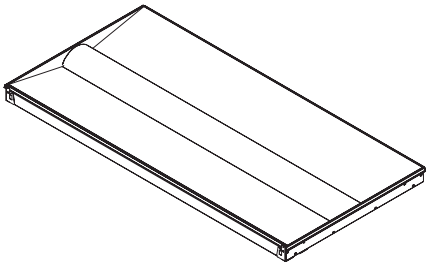

SHIELDING

Frosted acrylic lens.

CONSTRUCTION

Rigid one-piece body constructed from code gauge steel with contoured steel reflector.

FINISH

High gloss white polyester baked powder coat enamel.

LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector.

LED DRIVER

10% Dimming (0-10V).

ELECTRICAL

3000K | 3500K | 4000K | 5000K

120V - 347V

L80 performance at 60,000 hours minimum.
80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**

Suitable for damp locations.

Intertek

5 YEAR WARRANTY*

DLC PREMIUM***

*LED Five (5) year limited warranty.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.

DIMENSIONS

SIZE	L	W	H
14G	47.70”	12.00”	4.00”
22G	23.75”	23.75”	2.35”
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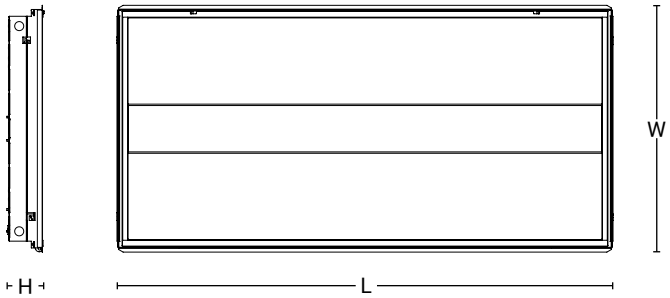
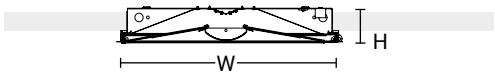


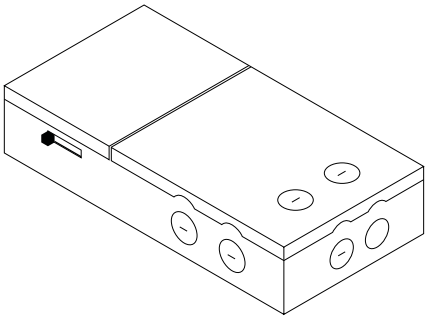
BOTTOM VIEW

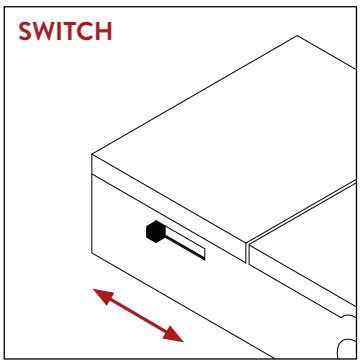
MOUNTING / CROSS SECTION

Recessed installation for 15/16” T-grid ceilings.



FIELD ADJUSTABLE LIGHT OUTPUT AND CCT





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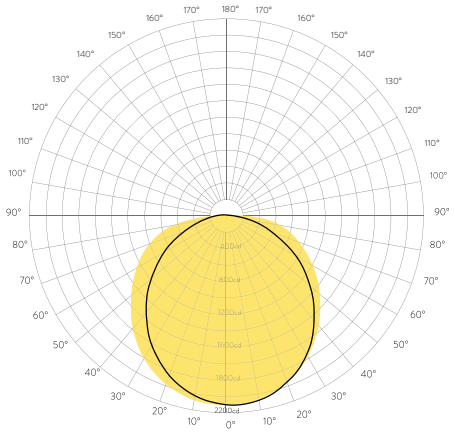

SDLG-3-1ACF-24G-45W-40K

0°-180°
90°-270°

ZONAL LUMEN SUMMARY

Zone	Lumens
0.00°-10.00°	210.14
10.00°-20.00	565.31
20.00°-30.00	854.48
30.00°-40.00	1027.97
40.00°-50.00	1067.95
50.00°-60.00	989.82
60.00°-70.00	814.96
70.00°-80.00	569.41
80.00°-90.00	240.57
90.00°-100.00	16.12
100.00°-110.00	0.78
110.00°-120.00	0.71
120.00°-130.00	0.66
130.00°-140.00	0.62
140.00°-150.00	0.56
150.00°-160.00	0.44
160.00°-170.00	0.28
170.00°-180.00	0.10
0.00°-90.00	6340.61
90.00°-180.00	20.26
0.00°-180.00	6360.87

CONE OF LIGHT

Mtg Height	Light Level	Beam Diameter
6.0 ft	58.2 fc	21.6 ft
8.0 ft	32.8 fc	28.8 ft
10.0 ft	21.0 fc	36.0 ft
12.0 ft	14.6 fc	43.2 ft
15.0 ft	9.3 fc	54.0 ft

AVERAGE LUMINAIRE LUMINANCE (CD/M2)

	0.00°	45.00°	90.00°
0.00°	17614	17614	17614
45.00°	17182	11971	10565
55.00°	17396	10555	8792
65.00°	18490	9055	6770
75.00°	21294	7350	4516
85.00°	27770	4740	1978

WATTAGE & EFFICACY 14G

SDLG-3-1ACF-14G - adjustable on site	3200lm	3500K	24W	135lm/W
SDLG-3-1ACF-14G - adjustable on site	4100lm	3500K	30W	135lm/W
SDLG-3-1ACF-14G-35W-35K-MV3	4600lm	3500K	36W	133lm/W
SDLG-3-1ACF-14G - adjustable on site	3300lm	4000K	24W	142lm/W
SDLG-3-1ACF-14G - adjustable on site	4200lm	4000K	30W	140lm/W
SDLG-3-1ACF-14G-35W-40K-MV3	4800lm	4000K	36W	138lm/W

WATTAGE & EFFICACY 22G

SDLG-3-1ACF-22G - adjustable on site	3200lm	3500K	24W	137lm/W
SDLG-3-1ACF-22G - adjustable on site	4100lm	3500K	30W	135lm/W
SDLG-3-1ACF-22G-35W-35K-MV3	4600lm	3500K	36W	133lm/W
SDLG-3-1ACF-22G - adjustable on site	3300lm	4000K	24W	139lm/W
SDLG-3-1ACF-22G - adjustable on site	4200lm	4000K	30W	138lm/W
SDLG-3-1ACF-22G-35W-40K-MV3	4800lm	4000K	36W	138lm/W

WATTAGE & EFFICACY 24G

SDLG-3-1ACF-24G - adjustable on site	6100lm	3500K	47W	130lm/W
SDLG-3-1ACF-24G - adjustable on site	5300lm	3500K	39W	133lm/W
SDLG-3-1ACF-24G - adjustable on site	4700lm	3500K	35W	135lm/W
SDLG-3-1ACF-24G - adjustable on site	6000lm	4000K	47W	130lm/W
SDLG-3-1ACF-24G - adjustable on site	5200lm	4000K	39W	129lm/W
SDLG-3-1ACF-24G - adjustable on site	4600lm	4000K	35W	132lm/W