

SLE-LED

Linear Striplight



Experience ultimate convenience and performance with RAB DESIGN’s re-imagined SLE Strip Light. Featuring an elegant, toolless opening, universal adjustable settings, and high lumen output, this fixture is engineered to give contractors the best installation experience. Available in three lengths, with and without sensor, and optional Bluetooth controls.

IDEAL APPLICATIONS

- ✔ Retail Applications

✔ Office Spaces
- ✔ Parkades

✔ Warehouse Aisles
- ✔ Commercial Applications

✔ General Indoor Lighting
- ✔ Stairwell & Hallway

✔ Storage spaces

SPECIFICATIONS

	SLE2-LED25A15	SLE4-LED50A30	SLE8-LED80A60	SLE8-LED100A60		SLE2-LED25A15	SLE4-LED50A30	SLE8-LED80A60	SLE8-LED100A60
PERFORMANCE					AMBIENT OPERATING TEMPERATURE				
Light Output	Lumen Selectable				-35°C to 45°C (-31°F to 113°F)				
	3600/ 2900/ 2200 lm	7300/ 5800/ 4400 lm	13000/ 11000/ 9500 lm	17300/ 13900 / 10400 lm	MOUNTING				
Efficacy	147 lm/W	137 lm/W	156 lm/W	177 lm/W	Surface Mount Suspension Mount (Kit Sold Separately)				
CCT	3000/3500/4000/5000K (Selectable)			3500/4000/ 5000K (Selectable)	CERTIFICATIONS				
					cULus Listed for Canada and USA, per UL 1598, CSA C22.2 No. 250.0 DLC Standard & Premium				
Beam Angle	130°			130°	CONTROLS				
Replaces up to	2 LAMP F21T5	2 LAMP T5HO	4 LAMP 28WT5	4 LAMP T8	Dimming	0-10V (Dim to Off)			
CRI	85	85	84	83		5-100% Dimming		10-100% Dimming	5-100% Dimming
ELECTRICAL					Sensor	Dimming High Frequency Microwave Motion Sensor with Remote Control Bluetooth PIR Motion & Daylight Harvest Sensor			
Wattage	25/20/15W	50/40/30W	80/70/60W	100/80/60W		LUMEN MAINTENANCE			
Voltage	120-347 V				L90	51,000 Hrs	63,000 Hrs	51,000 Hrs	61,000 Hrs
Surge Protection¹	2kV	2.5kV	6kV	2kV	L85	76,000 Hrs	97,000 Hrs	76,000 Hrs	94,000 Hrs
Power Factor	>0.99				L70	>100,000 Hrs	>100,000 Hrs	>100,000 Hrs	>100,000 Hrs
THD	9%	2%	3%	7%	MAX AMPERAGE DRAW (A)				
Daisy Chain	6A Max				120V	0.231	0.463	0.741	0.926
	Max 22 fixtures at 120V and 62 fixtures at 347V	Max 11 fixtures at 120V and 31 fixtures at 347V	Max 7 fixtures at 120V and 19 fixtures at 347V	Max 5 fixtures at 120V and 15 fixtures at 347V	208V	0.134	0.267	0.427	0.534
Battery Backup	-	8W (Optional)			240V	0.116	0.231	0.370	0.463
CONSTRUCTION					277V	0.100	0.201	0.321	0.401
Housing	Steel Sheet Metal				347V	0.080	0.160	0.256	0.320
Paint	White Powder Coat Finish				¹ Built-in driver and as per IEC/EN61000-4-5.				
Lens	Frosted Polycarbonate				Note: Electrical and light performance data is based on LM79 test reports, measured at maximum wattage, 4000K, and 120V.				
Weight	2.21 lbs	3.86 lbs	7.28 lbs		Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.				



ORDERING GUIDE

Fixture	Wattage	Voltage	Colour Temp.	Dimming	Controls	Battery Backup
SLE2	LED25A15	H - 120-347V	VK - Colour Selectable ¹	DIM - 0-10V Dimming	Blank - No Controls	Blank - No Battery Backup
SLE4	LED50A30				DHFS - Dimming High Frequency Microwave Motion Sensor	BBK8- 8W Battery Backup ²
SLE8	LED80A60					
	LED100A60					

¹SLE2, SLE4 and SLE8-LED80A60 are CCT selectable between 3000/3500/4000/5000K. SLE8-LED100A60 is CCT selectable between 3500/4000/5000K.

²Offered with SLE4 and SLE8 only.

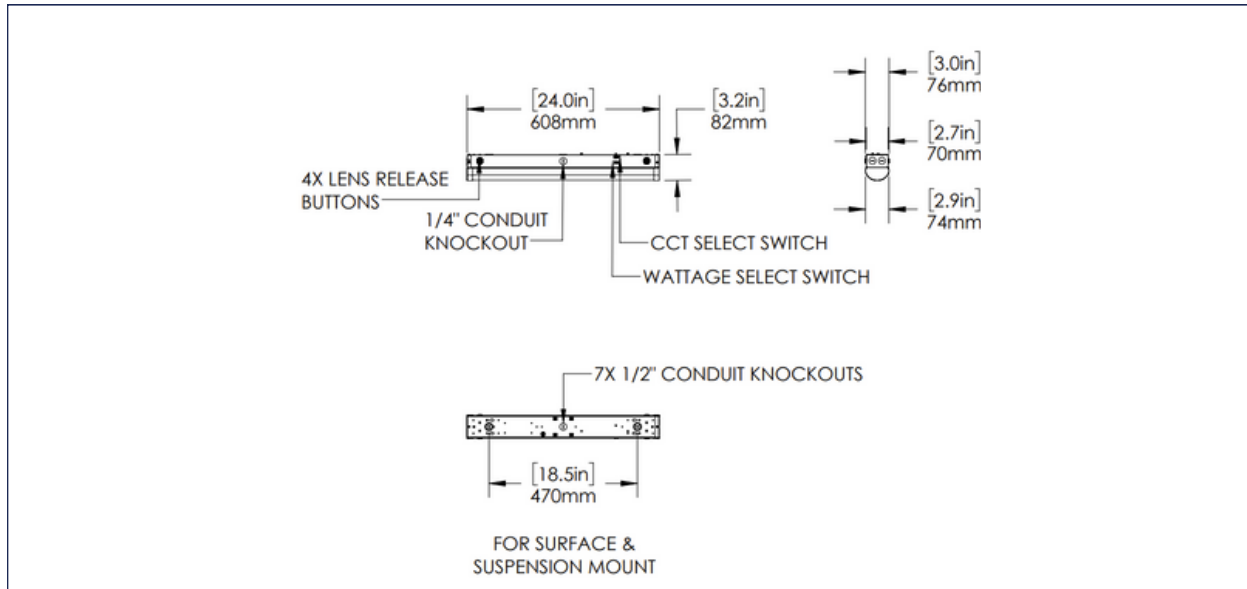
Default Setting: Maximum Wattage and 4000K

STOCK CODE		INCLUDED IN THE BOX	
099955	SLE2-LED25A15-H-VK-DIM	Surface Mount Kit	
099956	SLE4-LED50A30-H-VK-DIM		
099957	SLE8-LED80A60-H-VK-DIM		
084491	SLE8-LED100A60-H-VK-DIM		
084095	SLE2-LED25A15-H-VK-DIM-DHFS	Junction Box Cover	
084096	SLE4-LED50A30-H-VK-DIM-DHFS		
084097	SLE8-LED80A60-H-VK-DIM-DHFS		
084570	SLE8-LED100A60-H-VK-DIM-DHFS		

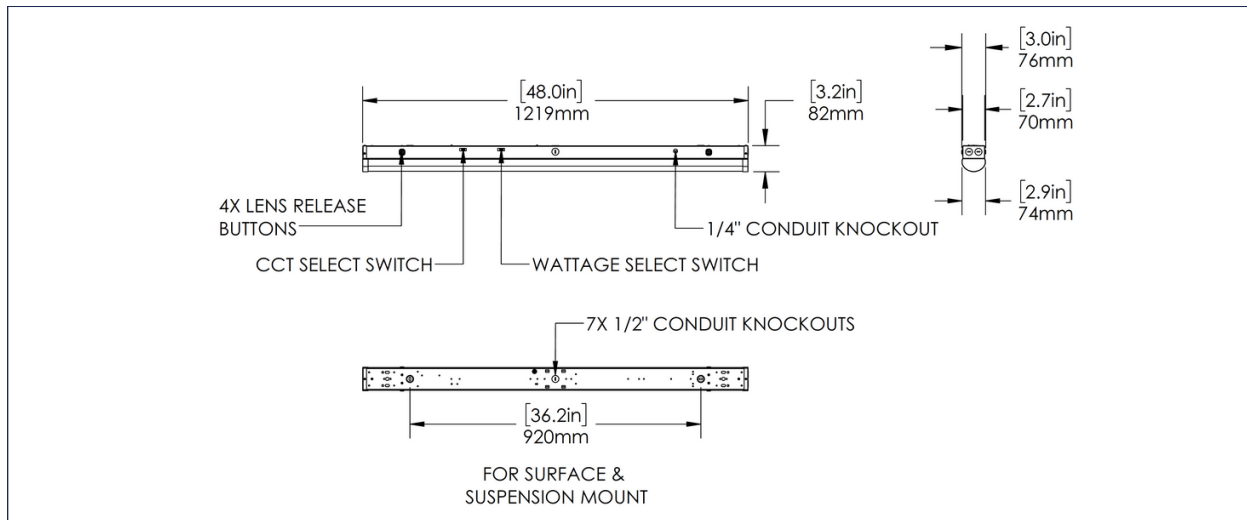
ACCESSORIES SOLD SEPARATELY					
084138	SLE LOWBAY BLUETOOTH PIR MOTION/DLH SENSOR W/J-BOX ¹		084102	SLE4-LED REFLECTOR WINGS KIT - WHT	
084215	BLUETOOTH 3-KEY AC LINE VOLTAGE WALL SWITCH 120-277VAC, 3-KEYS (ON/OFF, DIM+, DIM-)		084135	SLE8-LED REFLECTOR WINGS KIT - WHT	
002412	SLE2-LED WIRE CAGE WHT		089814	LINEAR CEILING PENDANT MOUNT KIT (2x 5FT AIRCRAFT CABLES)	
002413	SLE4-LED WIRE CAGE WHT		087016	RC-100 MOTION SENSOR REMOTE CONTROL	
002414	SLE8-LED WIRE CAGE WHT		084136	SLE-LED ROW MOUNT KIT - WHT	

¹ Each sensor can control one fixture only.

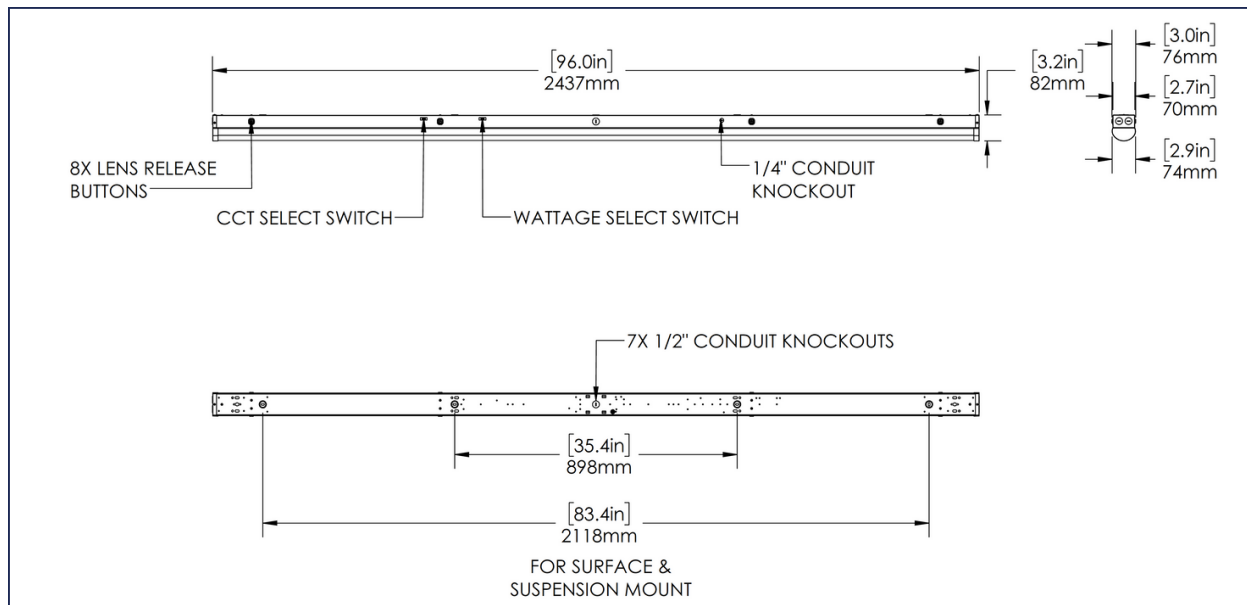
SLE2-LED FIXTURE



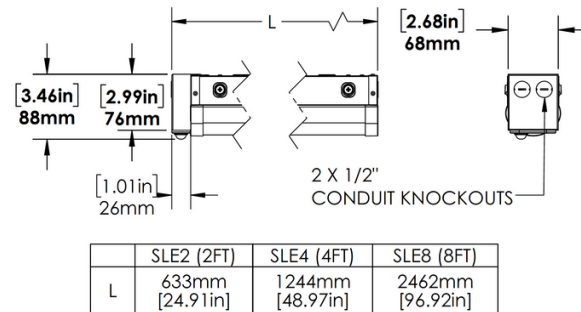
SLE4-LED FIXTURE



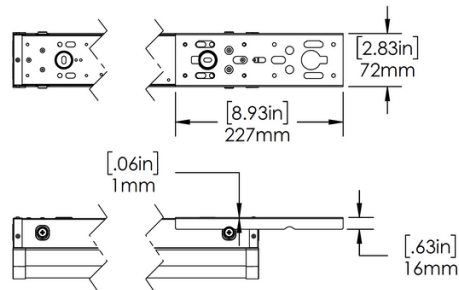
SLE8-LED FIXTURE



BLUETOOTH PIR MOTION & DAYLIGHT HARVEST SENSOR WITH JUNCTION BOX



ROW MOUNT BRACKET

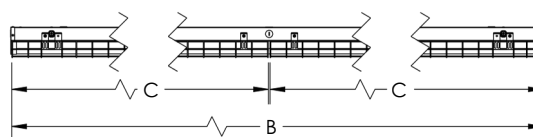


WIRE CAGE

SLE2 (2FT) & SLE4 (4FT)



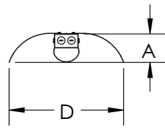
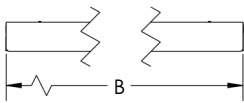
SLE8 (8FT)



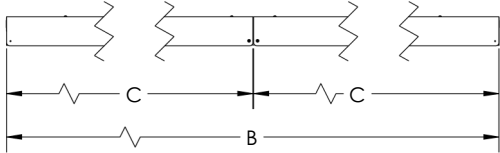
	SLE2 (2FT)	SLE4 (4FT)	SLE8 (8FT)
A	92mm [3.62in]	92mm [3.63in]	92mm [3.63in]
B	607mm [23.91in]	1213mm [47.74in]	2430mm [95.67in]
C	N/A	N/A	1213mm [47.74in]
D	90mm [3.54in]	90mm [3.54in]	90mm [3.54in]

REFLECTOR WINGS

SLE4 (4FT)



SLE8 (8FT)



	SLE4 (4FT)	SLE8 (8FT)
A	85mm [3.36in]	85mm [3.36in]
B	1217mm [47.90in]	2435mm [95.87in]
C	N/A	1217mm [47.90in]
D	327mm [12.86in]	327mm [12.86in]

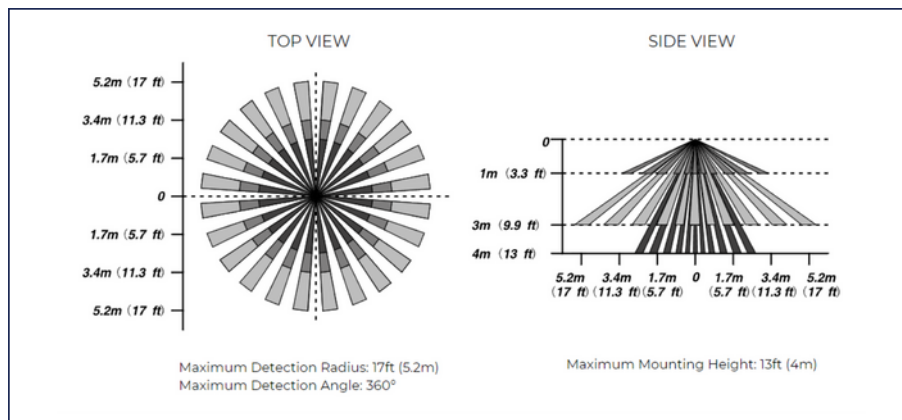
DIMMING HIGH FREQUENCY MOTION SENSOR (DHFS)

DHFS Microwave motion sensor offers a range of control features based on motion detection allowing the Installer to adjust the brightness of the fixture, hold time and daylight settings using a remote control after installation.

DIMMING HIGH FREQUENCY MOTION SENSOR SPECIFICATIONS

Sensor Type	Dimming High Frequency/Microwave
Microwave Frequency	5.8GHz +/- 75MHz
Operating Voltage	12-24VDC
Operating Current	25mA
Output Voltage	0-10V
Stand-by Power	<0.2mW
Ambient Operating Temperature ¹	-40°C to 70°C (-40°F to 158°F)
Installation	Factory installed inside the fixture housing

DETECTION RANGE



DIMMING HIGH FREQUENCY MICROWAVE MOTION SENSOR PROGRAMMING

Programming Tool	RC-100 Remote Control
Brightness	70%/80%/90%/100%*
Sensitivity	20%/50%/75%/100%*
Hold Time	10s/1min*/5min/10min/15min/20min/30min/60min
Daylight Sensor	10Lux/30Lux/50Lux/100Lux/300Lux/500Lux/Eye Icon(Auto Calibrate)/Sun Icon (Disabled)*
Standby Dim	0%/10%/30%/50%*
Standby Time	1min/30min/60min*/+∞

¹When installed in the fixture, the system's ambient operating temperature is limited by the component with the lowest allowable range.

Note:

Default settings are marked with *

Default Setting: After no motion for 1min (hold time), the fixture will dim from 100% (brightness) to 50% (stand-by dim level). After no motion for another 60 min (stand-by time), the fixture will turn off.

For instructions on programming the motion sensor remote control, please see the Installation Instructions.

CONTROLLED

BLUETOOTH PIR MOTION & DAYLIGHT HARVEST SENSOR

FEATURES

- PIR motion and daylight harvest sensor
- Bluetooth mesh network
- DLC - Networked Lighting Control (NLC) & Luminaire Level Lighting Control (LLLC)



SPECIFICATIONS	
Input Voltage	12 VDC
Input Current	25mA Max.
Input Power	0.3W
Output Current	10mA Max.
Output Power	0.1W
Dimming	Class 2, 0-10 VDC
Bluetooth Transmit	100ft Max.
Radio Frequency	2.4GHz ±75MHz
Bluetooth Version	5.0
Housing Material	Polycarbonate (UL 94-5VA)
Housing Finish	White
Detection Range	40ft Max.
Mounting Height	18ft Max.
Indoor/Outdoor Use	Indoor Use Only
Operating Temperature ¹	-30°C to 55°C (-22°F to 131°F)
Storage Temperature	-30°C to 85°C (-22°F to 185°F)
IP Rating	IP20
Installation ²	The sensor is pre-installed in the junction box

¹When installed in the fixture, the system's ambient operating temperature is limited by the component with the lowest allowable range.

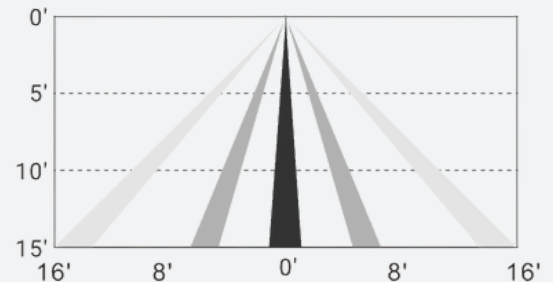
²Please see the product installation instructions for more information on mounting the junction box on the fixture.

DEFAULT SETTINGS	
Motion Sensor	ON
Mode	Occupancy
High End Trim	100%
Sensitivity	High
Hold Time (T1)	20 min
Standby Dim	50%
Standby Time (T2)	1 min
Daylight Harvest	Off
Linkage	Off
Linkage Level	100%

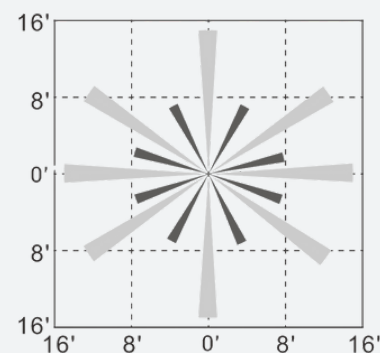
Note: Program the sensor with the desired settings using the Controlled Mobile App (please refer to the Controlled App manual for instructions).

DETECTION COVERAGE

Side View (at 15ft Height)



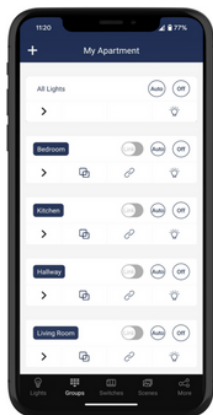
Top View (at 15ft Height)



CONTROLLED

RAB
DESIGN

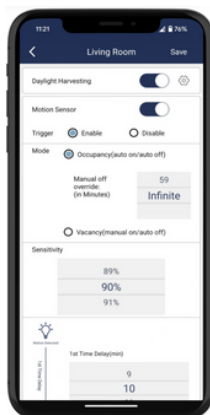
ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.



Organized Workspaces:
Create Zones, Groups and Group linkages.



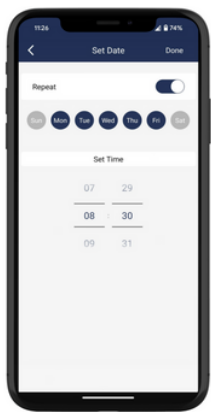
Dimming Lights:
Set dim level for groups or individual lights.



Motion and Daylight Harvest Sensors:
Custom sensor settings for groups or individual lights.



Scenes:
Create custom scenes for different scenarios.

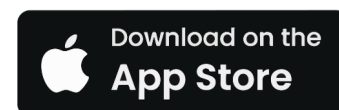


Schedules:
Create custom schedules for recurring events.



Share Access:
Share access using QR codes.

Get the App!



RAB
DESIGN

**Engineered by skilled hands,
for skilled hands.**

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BATTERY BACKUP SPECIFICATIONS			
	SLE4-LED50A30	SLE8-LED80A60	SLE8-LED100A60
Input Power	8W		
Input Voltage	120-347V		
Output Power (Emergency Mode)	8W	9W	
Recharge Current	0-200mA	0-500mA	
Recharge Time	24 Hrs	24 to 48 Hrs	
Discharge Time	90 min		
Ambient Operating Temperature¹	10°C to 60°C (50°F to 140°F)	0°C to 55°C (32°F to 131°F)	
Service Life	50,000 Hrs		
IP Rating	IP20		
Installation	Factory installed inside the fixture housing		
Light Output²	1100 lm	1400 lm	1600

¹When installed in the fixture, the system's ambient operating temperature is limited by the component with the lowest allowable range.

²Lumen output with emergency battery backup can be calculated by multiplying the battery output power with the efficacy of fixture.

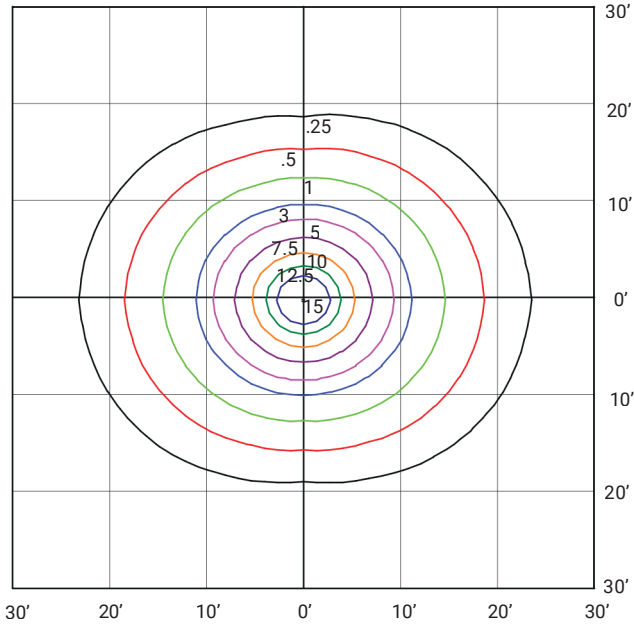
Note: In emergency mode, the CCT of SLE4-LED50A30 will be fixed at 5000K. Once power is restored, the CCT will revert to the setting configured on the CCT select switch.

PHOTOMETRIC PLOTS

SLE2-LED25A15-H-VK-DIM (25W 120V 4000K)
MOUNTED AT 8 FEET

Total Lumens = 3617LM

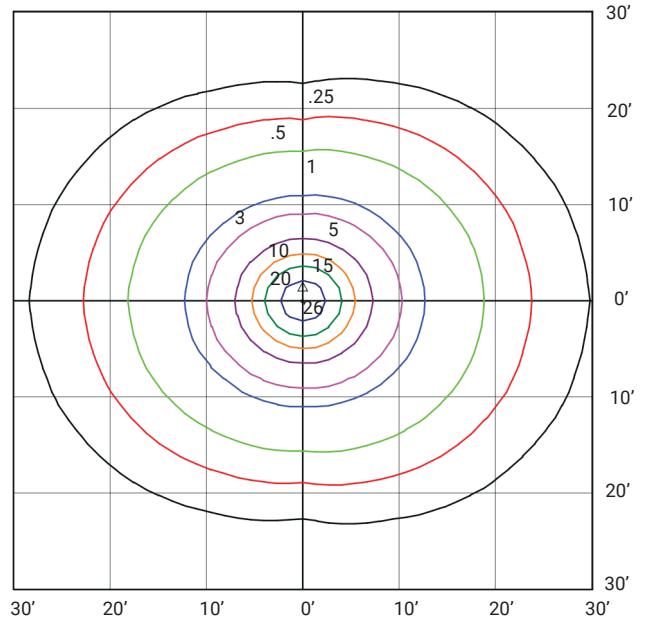
Maximum Calculated Value = 14.93 Fc



SLE4-LED50A30-H-VK-DIM (50W 120V 4000K)
MOUNTED AT 8 FEET

Total Lumens = 7296LM

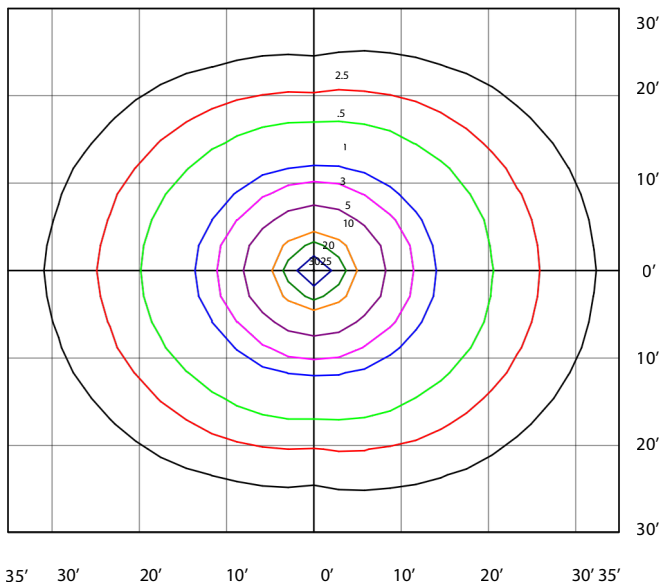
Maximum Calculated Value = 30.49 Fc



SLE8-LED80A60-H-VK-DIM (80W 120V 4000K)
MOUNTED AT 10 FEET

Total Lumens = 12959LM

Maximum Calculated Value = 34.66 Fc



SLE8-LED100A60-H-VK-DIM (100W 120V 4000K)
MOUNTED AT 10 FEET

Total Lumens = 17337LM

Maximum Calculated Value = 46.38 Fc

