

RDA<sup>®</sup>

LIGHTING

SLE-LED

Linear Striplight



Experience ultimate convenience and performance with RDA Lighting’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.

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                                           |
|--------------------|----------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|
| PERFORMANCE        |                                                          |                                                          |                                                         |
| Light Output       | Lumen Selectable                                         |                                                          |                                                         |
|                    | 3600/2900/2200 lm                                        | 7300/5800/4400 lm                                        | 13000/11000/9500 lm                                     |
| Efficacy           | 147 lm/W                                                 | 137 lm/W                                                 | 156 lm/W                                                |
| CCT                | 3000/3500/4000/5000K (CCT Selectable)                    |                                                          |                                                         |
| Beam Angle         | 130°                                                     |                                                          |                                                         |
| Replaces up to     | 2 LAMP F21T5                                             | 2 LAMP T5HO                                              | 4 LAMP 28WT5                                            |
| LED Lifetime (L80) | >100,000 Hours                                           |                                                          |                                                         |
| CRI                | 85                                                       | 85                                                       | 84                                                      |
| ELECTRICAL         |                                                          |                                                          |                                                         |
| Wattage            | 25/20/15W                                                | 50/40/30W                                                | 80/70/60W                                               |
| Voltage            | 120-277 V                                                |                                                          |                                                         |
| Surge Protection   | 2.5kV (Built-in Driver) as per IEC/EN61000-4-5           |                                                          | 6kV (Built-in Driver) as per IEC/EN61000-4-5            |
| Power Factor       | >0.99                                                    |                                                          |                                                         |
| THD                | 9%                                                       | 2%                                                       | 3%                                                      |
| Daisy Chain        | 6A Max (Max 22 fixtures at 120V and 50 fixtures at 277V) | 6A Max (Max 11 fixtures at 120V and 25 fixtures at 277V) | 6A Max (Max 7 fixtures at 120V and 16 fixtures at 277V) |
| Battery Backup     | -                                                        | 8W (Optional)                                            |                                                         |
| CONSTRUCTION       |                                                          |                                                          |                                                         |
| Housing            | Steel Sheet Metal                                        |                                                          |                                                         |
| Paint              | White Powder Coat Finish                                 |                                                          |                                                         |
| Lens               | Frosted Polycarbonate                                    |                                                          |                                                         |
| Weight             | 2.21 lbs                                                 | 3.86 lbs                                                 | 7.28 lbs                                                |

|                                                                                  | SLE2-LED25A15                                                      | SLE4-LED50A30 | SLE8-LED80A60                       |       |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------|-------------------------------------|-------|
| AMBIENT OPERATING TEMPERATURE                                                    |                                                                    |               |                                     |       |
| -35°C to 45°C (-31°F to 113°F)                                                   |                                                                    |               |                                     |       |
| MOUNTING                                                                         |                                                                    |               |                                     |       |
| Surface Mount<br>Suspension Mount (Kit Sold Separately)                          |                                                                    |               |                                     |       |
| CERTIFICATIONS                                                                   |                                                                    |               |                                     |       |
| cULus Listed for Canada and USA, per UL 1598, CSA C22.2 No. 250.0<br>DLC Premium |                                                                    |               |                                     |       |
| CONTROLS                                                                         |                                                                    |               |                                     |       |
| Dimming                                                                          | 0-10V (5-100% Dimming, Dim to Off)                                 |               | 0-10V (10-100% Dimming, Dim to Off) |       |
| Sensor                                                                           | Dimming High Frequency Microwave Motion Sensor with Remote Control |               |                                     |       |
| LUMEN MAINTENANCE                                                                |                                                                    |               |                                     |       |
|                                                                                  | L90                                                                | L85           | L70                                 |       |
|                                                                                  | 51,000 Hrs                                                         | 75,000 Hrs    | >100,000 Hrs                        |       |
| MAX AMPERAGE DRAW (A)                                                            |                                                                    |               |                                     |       |
|                                                                                  | 120V                                                               | 208V          | 240V                                | 277V  |
| SLE2-LED25A15                                                                    | 0.231                                                              | 0.134         | 0.116                               | 0.100 |
| SLE4-LED50A30                                                                    | 0.463                                                              | 0.267         | 0.231                               | 0.201 |
| SLE8-LED80A60                                                                    | 0.741                                                              | 0.427         | 0.370                               | 0.321 |

Note: Electrical and light performance data is based on LM79 test reports, measured at maximum wattage, 4000K, and 120V.

Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.



## ORDERING GUIDE



| Fixture | Wattage  | Voltage      | Color Temp.                                     | Dimming             | Controls                                              | Battery Backup                        |
|---------|----------|--------------|-------------------------------------------------|---------------------|-------------------------------------------------------|---------------------------------------|
| SLE2    | LED25A15 | B - 120-277V | VK - Color Selectable (3000K/3500K/4000K/5000K) | DIM - 0-10V Dimming | Blank - No Controls                                   | Blank - No Battery Backup             |
| SLE4    | LED50A30 |              |                                                 |                     | DHFS - Dimming High Frequency Microwave Motion Sensor | BBK8 - 8W Battery Backup <sup>1</sup> |
| SLE8    | LED80A60 |              |                                                 |                     |                                                       |                                       |

<sup>1</sup>Offered with SLE4 and SLE8 only

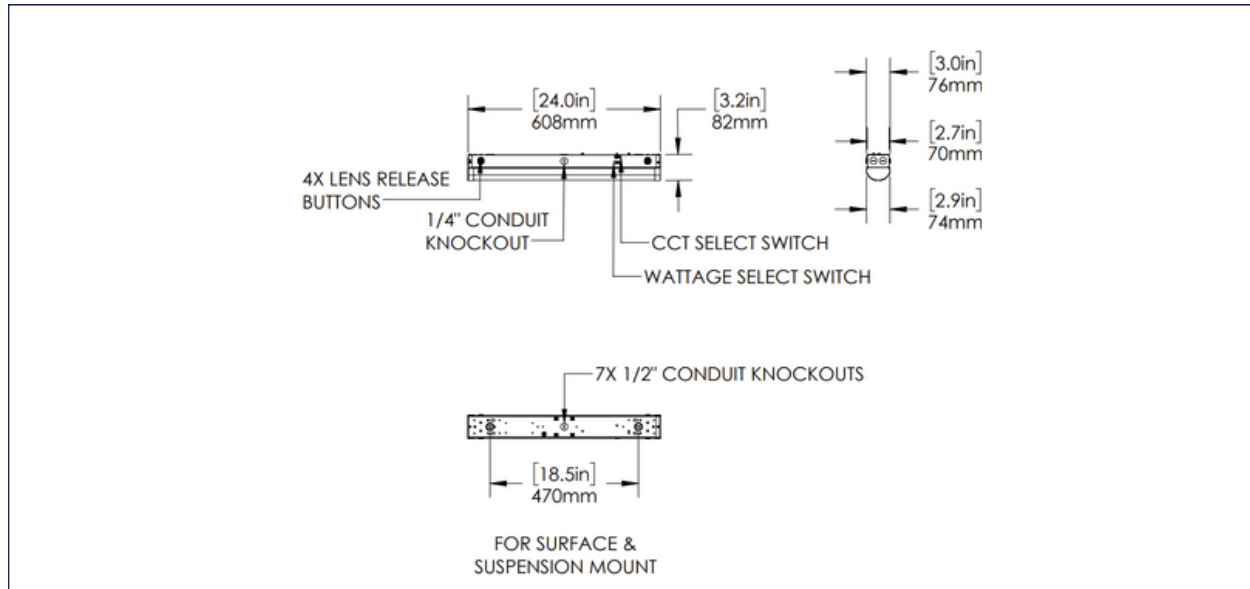
**Default Setting:** Maximum Wattage and 4000K

| STOCK CODE |                             |
|------------|-----------------------------|
| 056662     | SLE2-LED25A15-B-VK-DIM      |
| 056664     | SLE4-LED50A30-B-VK-DIM      |
| 056666     | SLE8-LED80A60-B-VK-DIM      |
| 056663     | SLE2-LED25A15-B-VK-DIM-DHFS |
| 056665     | SLE4-LED50A30-B-VK-DIM-DHFS |
| 056667     | SLE8-LED80A60-B-VK-DIM-DHFS |

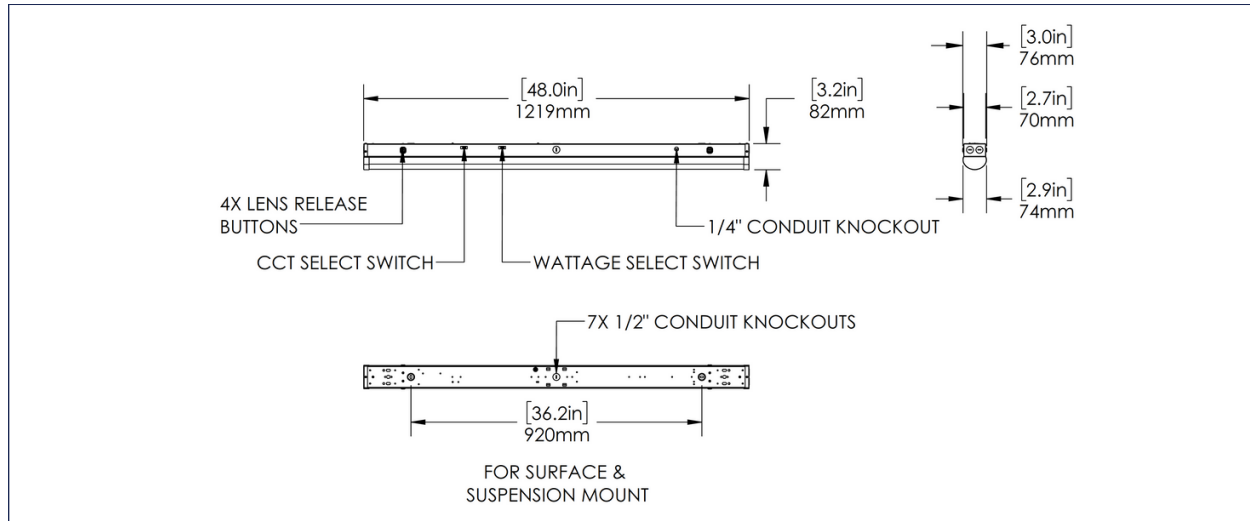
| INCLUDED IN THE BOX |  |
|---------------------|--|
| Surface Mount Kit   |  |
| Junction Box Cover  |  |

| ACCESSORIES SOLD SEPARATELY |                             |  |        |                                                           |  |
|-----------------------------|-----------------------------|--|--------|-----------------------------------------------------------|--|
| 053234                      | SLE2-LED WIRE CAGE WHT      |  | 056673 | SLE4-LED REFLECTOR WINGS KIT - WHT                        |  |
| 056670                      | SLE4-LED WIRE CAGE WHT      |  | 056674 | SLE8-LED REFLECTOR WINGS KIT - WHT                        |  |
| 056671                      | SLE8-LED WIRE CAGE WHT      |  | 051331 | LINEAR CEILING PENDANT MOUNT KIT (2x 5FT AIRCRAFT CABLES) |  |
| 056675                      | SLE-LED ROW MOUNT KIT - WHT |  | 052267 | RC-100 MOTION SENSOR REMOTE CONTROL                       |  |

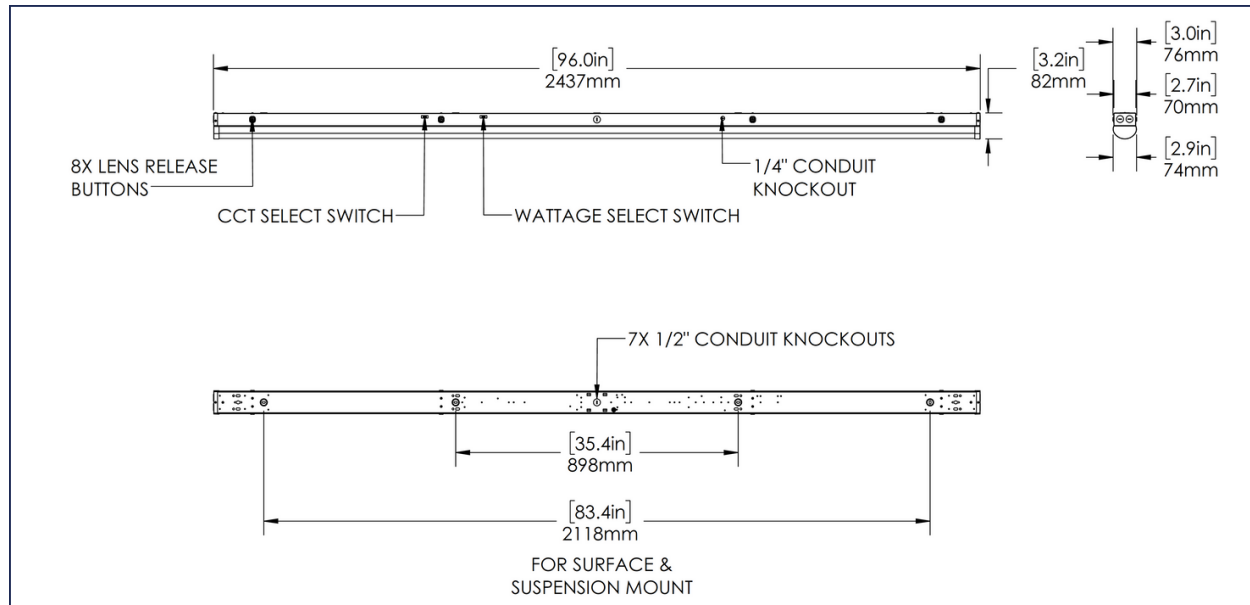
## SLE2-LED FIXTURE



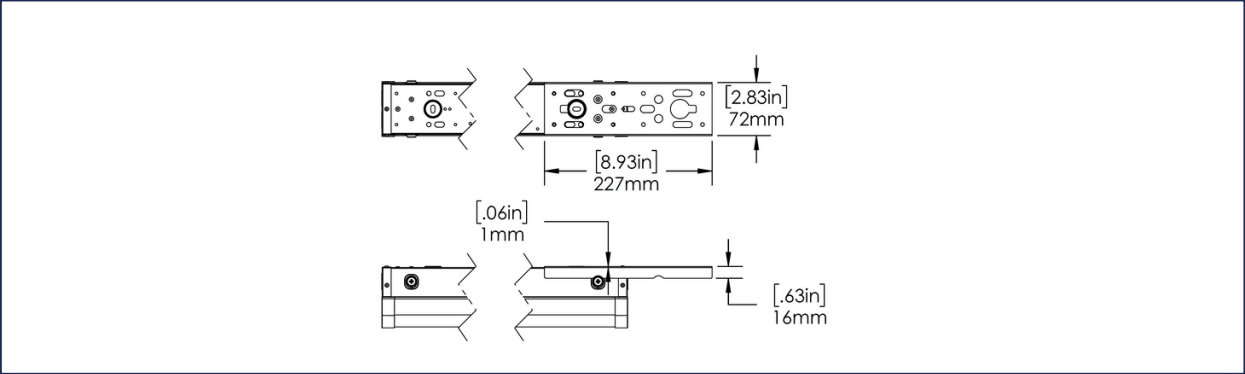
## SLE4-LED FIXTURE



## SLE8-LED FIXTURE



ROW MOUNT BRACKET



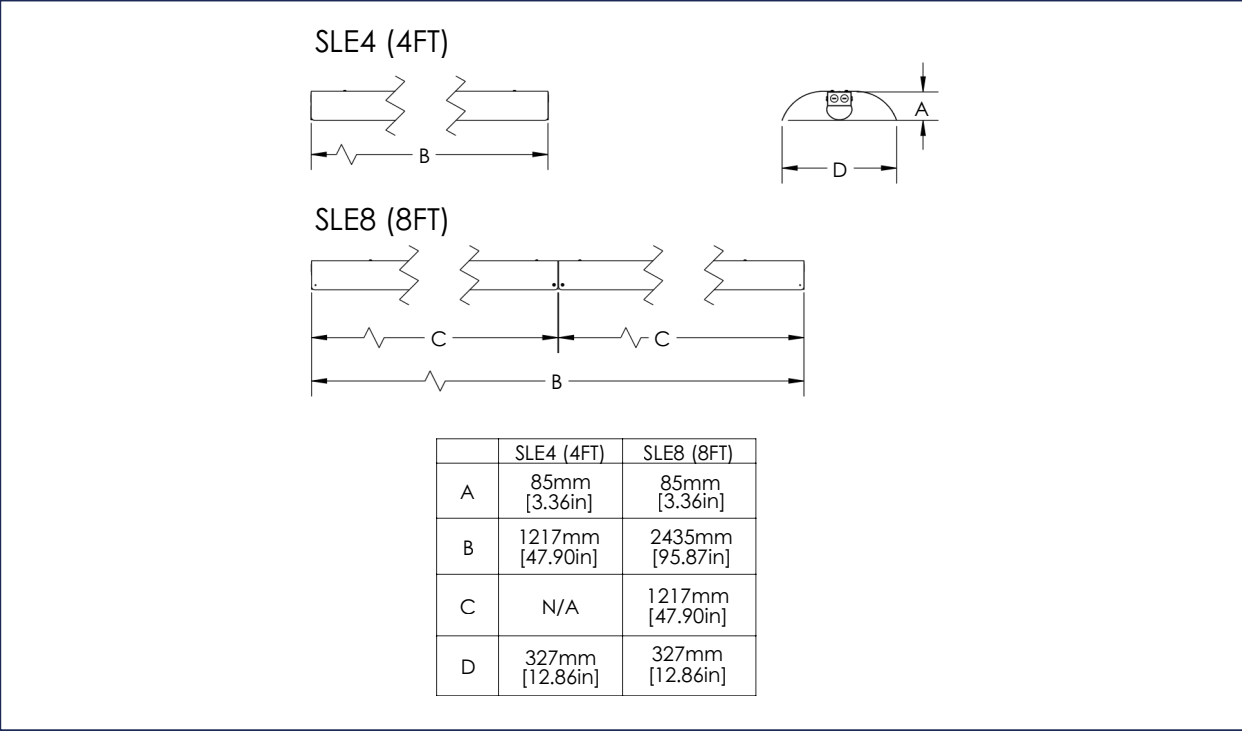
WIRE CAGE

SLE2 (2FT) & SLE4 (4FT)

SLE8 (8FT)

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

REFLECTOR WINGS



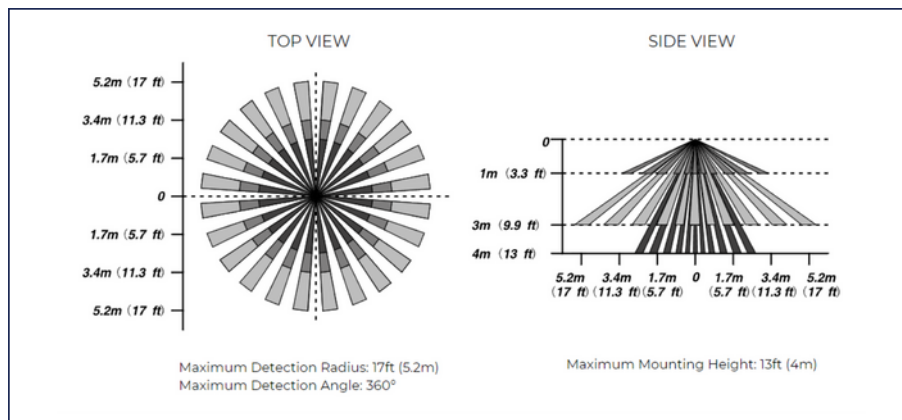
## DIMMING HIGH FREQUENCY MOTION SENSOR (DHFS)

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 <sup>1</sup> | -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*/+∞                                                                 |

<sup>1</sup>When 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.

| BATTERY BACKUP SPECIFICATIONS              |                                              |                             |
|--------------------------------------------|----------------------------------------------|-----------------------------|
|                                            | SLE4-LED50A30                                | SLE8-LED80A60               |
| Input Power                                | 8W                                           |                             |
| Input Voltage                              | 120-277V                                     |                             |
| 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 Temperature <sup>1</sup> | 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 Output <sup>2</sup>                  | 1100 lm                                      | 1400 lm                     |

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

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

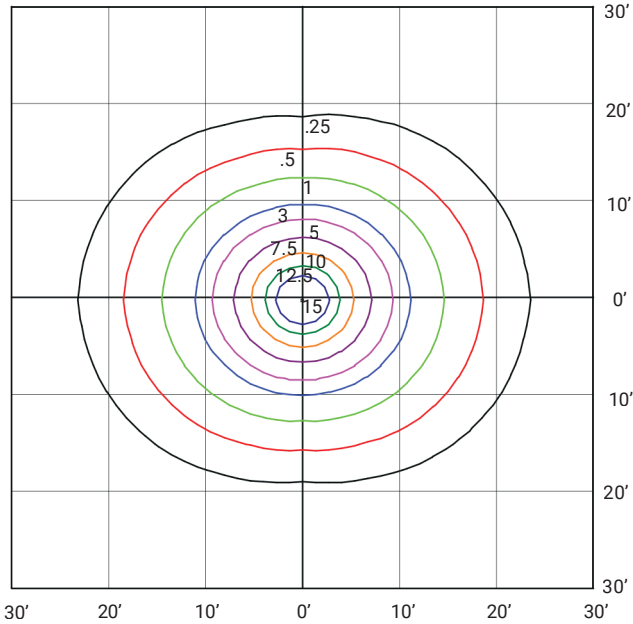
Note: In emergency mode, the CCT of SLE4-LED50A30 will be fixed at 5000K. Once power is restored, the CCT will revert to the setting configured on the CCT select switch.

## PHOTOMETRIC PLOTS

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

Total Lumens = 3617LM

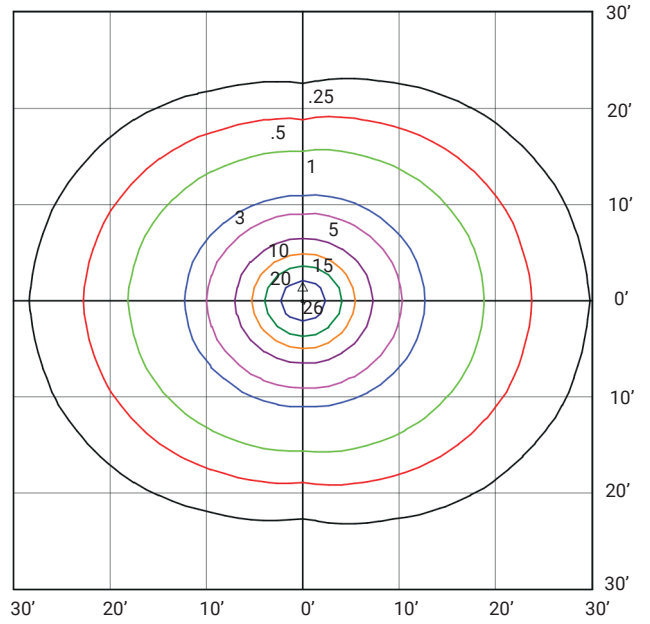
Maximum Calculated Value = 14.93 Fc



**SLE4-LED50A30-B-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

