



ASCENT

ARCHITECTURAL LIGHTING

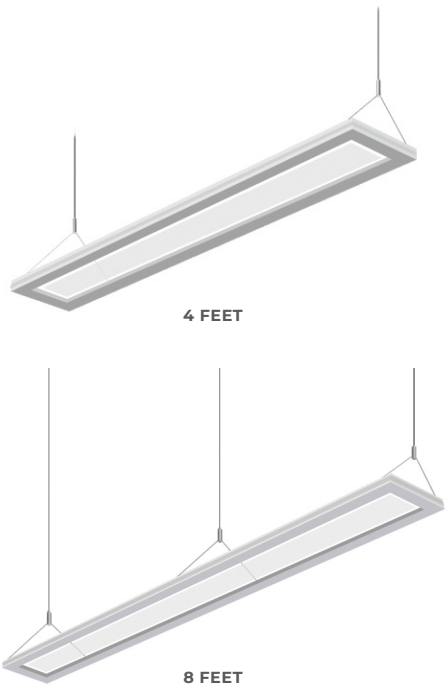
PROJECT

DATE

COMMENTS



IN STOCK



ENERGY CHART

| LENGTH feet | WIDTH inches | DELIVERED LUMENS | WATTAGE | EFFICACY lm/w |
|----------------|-----------------|---------------------|---------|------------------|
| 4 | 8 | 4600 | 40 | 115 |
| 8 | 8 | 9200 | 80 | 115 |

ORDERING LOGIC

EX: CIRQUE-4-40-FS-F

| FAMILY | LENGTH | WATTAGE | CCT | CEILING TYPE | OPTIONS |
|--------|--------|---------|--|---|---------------------|
| CIRQUE | | | FS | | |
| | 4 4' | 40 40W | FS Field Selectable 3000K / 3500K / 4000K | F 9/16" or 15/16" Flat S 9/16" Slot D Drywall | OS Occupancy Sensor |
| | 8 8' | 80 80W | | | |

CIRQUE DIRECT/INDIRECT ARCHITECTURAL PENDANT LED

CIRQUE is a unique architectural linear pendant with direct/indirect illumination and a transparent edge-lit optic designed for spaces where visual comfort is the priority. Available in 4' and 8' sections with field selectable CCT, this pendant strikes the perfect balance between high performance and minimal aesthetics. CIRQUE features a high efficiency, class II, internal driver that can be replaced in the field and its intuitive assembly is easy to install both for single fixtures or seamless continuous runs up to 36ft long. CIRQUE is DLC qualified, and Damp Location listed.

- Commercial Office
- Classrooms
- Civic & Transportation

PHYSICAL

| | |
|----------|---------------------------------|
| Material | Powder Coated Extruded Aluminum |
| Mounting | Suspended |
| Lens | PMMA |
| Finish | White |

PERFORMANCE

| | |
|-----------------------|-------------------------------------|
| Warranty | 5 years |
| Certifications | Damp Location, cULus, DLC |
| Rated Life | 50,000 hours |
| Operating Temperature | -20°C to 40°C (-4°F to 104°F) |
| THD | <20% |
| Distribution | 55% Direct/45% Indirect |
| CCT | Field Selectable: 3000K/3500K/4000K |
| CRI | 80+ |

ELECTRICAL

| | |
|--------------|-------------------------|
| Wattage | 40W, 80W |
| Voltage | 110-277V |
| Power Factor | >0.9 |
| LED Driver | Class 2 High Efficiency |
| Dimming | 1-10V |

SEE ACCESSORIES ORDERING LOGIC ON PAGE 2





ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: CIRQUE-EM

| FAMILY | ACCESSORIES |
|--------|-------------------------|
| CIRQUE | EM 8W Emergency Battery |

SPECIFICATIONS

OPTICS

High precision light guide made of PMMA material, allows distribution of controlled light to create 45% uplight, 55% downlight light distribution.

CONSTRUCTION

Extruded aluminum housing.

FINISH

Powder coat white finish

ELECTRICAL

LED Driver: Internal, class 2, replaceable, high efficiency LED driver.

Dimming: Standard constant current electronic driver with 1-10V dimming input; dimming range from 100% down to 10%. Thermal overload protection shuts down the luminaire when system temperatures exceed designed operating conditions. Compatible with the following types of controls:

- Lutron ® Diva-Dvtv
- Leviton® IP-710-DL

THD: <20%

Power Factor: >0.9

Input Voltage: 110-277V

WARRANTY

5-year limited warranty

APPROVALS

- cULus listed for damp locations
- Tested to IESNA LM-79 and LM-80
- DesignLights Consortium Qualified and classified for DLC Standard, refer to www.designlights.org for details

LED SYSTEM

CRI: Minimum 80 color rendering index

CCT: CCT adjustable from 3000K, 3500K and 4000K with a great color consistency.

LED: Life minimum 50,000h with 87.8% of lumen maintenance in 25°C(77°F) ambient temperature, in compliance with IES LM-80 testing measurements.

Thermal Management: Aluminum housing acting as the heat sink to maximize life.

Environment: Damp rated in operating ambient temperatures of -20°C to 40°C (-4°F to 104°F).

MOUNTING

Pendant-Dry ceiling or T-Grid ceiling compatible. Cable lengths of 5ft is standard, 12ft or others are available.

Individual or continuous run.

OPTIONAL FUNCTION



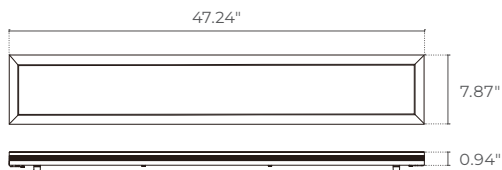
Emergency Option: Optional high voltage 8W emergency LED driver EM-H series can be provided. When AC power fails, it immediately switches to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements. For more info or spec sheet, please visit our website or contact sales.



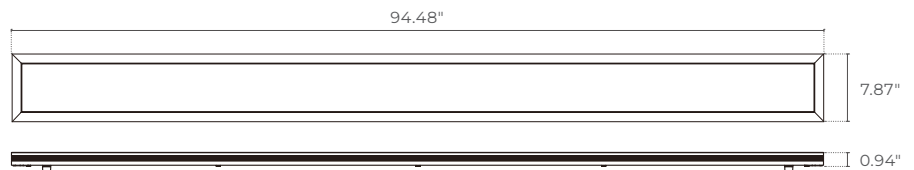
Occupancy Sensor: We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BR1810BI-level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.

DIMENSIONS

4 FEET



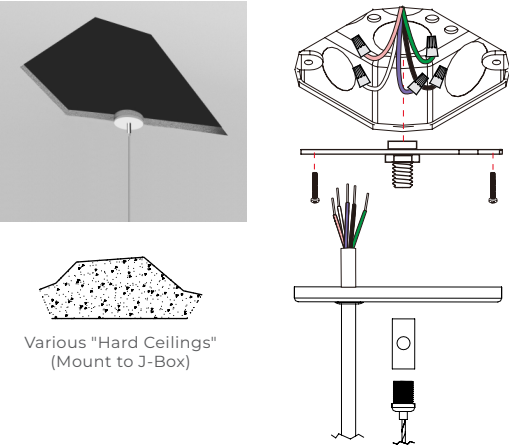
8 FEET



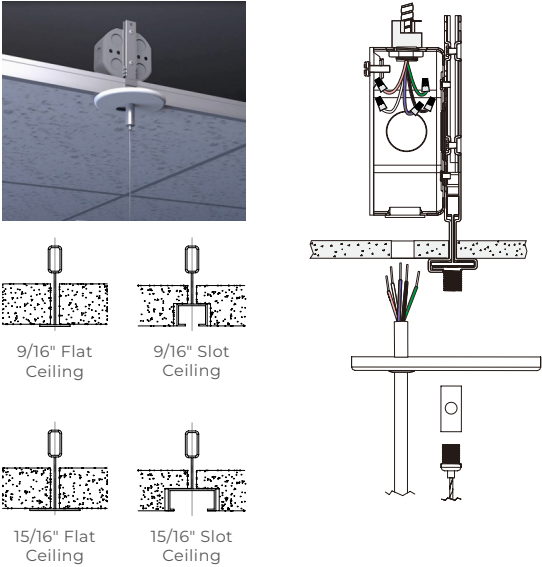


MOUNTING

DRYWALL CEILING / OFF GRID

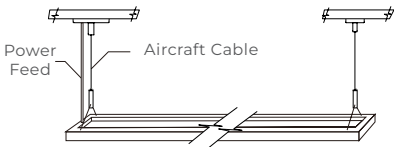


DROP CEILING / ON GRID

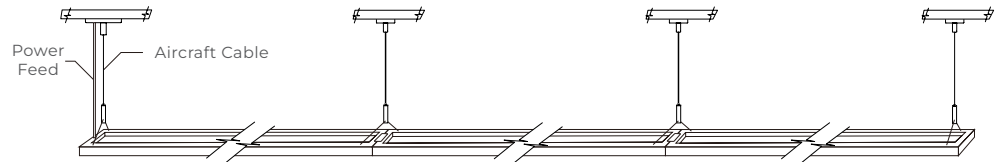


STANDARD RUNS

INDIVIDUAL



CONTINUOUS RUNS



4 FT: Connect 9pcs together in 120V AC and 20pcs in 277V AC
8 FT: Connect 4pcs together in 120V AC and 10pcs in 277V AC

STANDARD LINE RUNS IN 120V

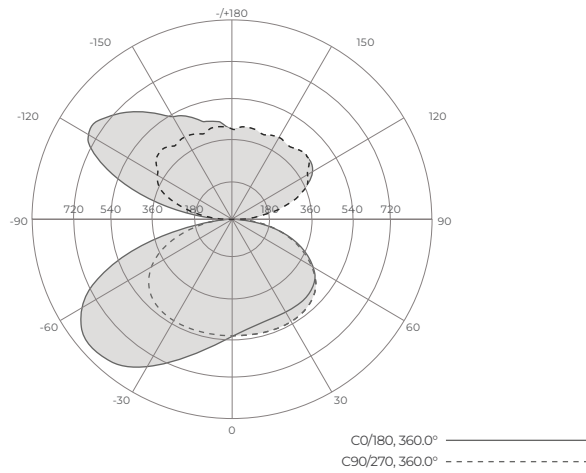
| RUN LENGTH feet | RUN CONFIGURATION | 5' POWER CABLE | 5' AIRCRAFT CABLE | CANOPY |
|--------------------|----------------------------|----------------|-------------------|--------|
| 4 | 4' | 1 | 2 | 2 |
| 8 | 8' | 1 | 3 | 3 |
| 12 | 4'+8' | 1 | 4 | 4 |
| 16 | 8'+8' | 1 | 5 | 5 |
| 20 | 8'+8'+4' | 1 | 6 | 6 |
| 24 | 8'+8'+8' | 1 | 7 | 7 |
| 28 | 8'+8'+8'+4' | 1 | 8 | 8 |
| 32 | 8'+8'+8'+8' | 1 | 9 | 9 |
| 36 | 4'+4'+4'+4'+4'+4'+4'+4'+4' | 1 | 10 | 10 |





PHOTOMETRICS - 4' - 40W - 3500K

AVERAGE BEAM ANGLE (50%): 360.0°



Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 6686 | 7045 |
| 80 | 8875 | 8271 |
| 75 | 9044 | 8773 |
| 70 | 9061 | 8926 |
| 65 | 8934 | 8769 |
| 60 | 8441 | 8375 |
| 55 | 7885 | 7996 |
| 50 | 7315 | 7580 |
| 45 | 6799 | 7158 |

ZONAL FLUX
DIAGRAM

| T | C0 | C45 | C90 | C135 | C180 |
|------|------------------------|-------|--------|-------|-------|
| 10° | 489.7 | 498.0 | 524.6 | 563.6 | 584.7 |
| 20° | 480.0 | 486.6 | 527.3 | 616.1 | 670.1 |
| 30° | 482.5 | 481.7 | 528.7 | 668.3 | 764.4 |
| 40° | 484.9 | 472.9 | 518.0 | 702.8 | 838.6 |
| 50° | 470.2 | 447.9 | 487.2 | 694.4 | 856.3 |
| 60° | 422.0 | 393.3 | 418.8 | 618.6 | 781.1 |
| 70° | 309.9 | 292.1 | 305.3 | 452.8 | 554.8 |
| 80° | 154.1 | 142.3 | 143.6 | 198.8 | 234.2 |
| 90° | 0 | 0 | 0 | 0 | 0 |
| 100° | 118.0 | 129.0 | 158.1 | 189.3 | 221.4 |
| 110° | 301.4 | 288.1 | 321.0 | 422.0 | 562.4 |
| 120° | 413.0 | 389.2 | 391.3 | 557.4 | 754.7 |
| 130° | 439.9 | 415.6 | 440.80 | 572.0 | 729.0 |
| 140° | 417.2 | 406.8 | 424.6 | 534.9 | 635.6 |
| 150° | 387.6 | 395.4 | 428.1 | 495.7 | 540.1 |
| 160° | 388.5 | 394.1 | 410.7 | 466.6 | 484.1 |
| 170° | 399.0 | 401.0 | 423.8 | 437.1 | 451.1 |
| 180° | 410.1 | 410.1 | 410.1 | 410.1 | 410.1 |
| DEG | LUMINOUS INTENSITY: cd | | | | |

ZONAL LUMEN
SUMMARY

| T | Φ TOTAL |
|---------|---------|
| 0-10 | 50.33 |
| 10-20 | 203.9 |
| 20-30 | 465.4 |
| 30-40 | 832.8 |
| 40-50 | 1286 |
| 50-60 | 1775 |
| 60-70 | 2217 |
| 70-80 | 2503 |
| 80-90 | 2575 |
| 90-100 | 2635 |
| 100-110 | 2918 |
| 110-120 | 3349 |
| 120-130 | 3796 |
| 130-140 | 4177 |
| 140-150 | 4466 |
| 150-160 | 4668 |
| 160-170 | 4788 |
| 170-180 | 4828 |
| UNIT: | lm |

ADDITIONAL IMAGERY

