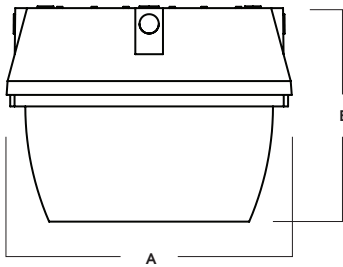


13" SQUARE CANOPY LIGHT

HMI SERIES



| A | B |
|------------------|-----------------|
| 12.4 314.9 mm | 8.6 218.4 mm |

HMI1313

APPLICATION

Spectrum Lighting Heavy Metal Series LED ceiling mount area light.

FEATURES

Rugged die-cast Aluminum construction. LED modules and drivers are replaceable and up-gradeable. Mounts to J-box and accepts conduit feeds.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. All exposed materials are chromate pretreated to resist corrosion.

ELECTRONICS

LED system features high brightness white LED's. Standard CRI: 80+. Electronic 120V/277V dimming drivers. Thermally and surge protected.

CONSTRUCTION

Die-cast aluminum housing with gasketed polycarbonate refractive lens. Stainless steel hardware and mounting kit.

CODE COMPLIANCE

BAA Compliant. CSA listed for wet locations. IP65 Rated. Manufactured and tested to ANSI/UL standard No. 1598/8750.

| LUMENS / WATTAGE DATA | | | |
|-----------------------|-------------------------------|--------------|-----|
| PART NUMBER | DELIVERED LUMENS ¹ | SYSTEM WATTS | LPW |
| HMI1313 60L | 6016 | 52 | 116 |

| SERIES | LUMENS ¹ | CCT | DRIVER / DIMMING | OPTIONS ² | MOUNTING | FINISH |
|---------|---------------------|------------------------|----------------------------|---|------------------|-----------|
| HMI1313 | 60L 6016 Lm | 40K 4000K 50K 5000K | DS10X 10% 0-10V, 120V/277V | FS Fusing OCC Occupancy Sensor PHO Photo Sensor | SM Surface Mount | BZ Bronze |

EXAMPLE: HMI131360L40KDS10X/SM/BZ

NOTES:
1 Nominal Delivered Lumens at 40K 2 Limit One Option Per Luminaire



PROJECT: _____
TYPE: _____



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

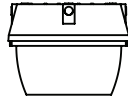
13" SQUARE CANOPY LIGHT

HMI SERIES / FIXTURE OPTIONS



MOUNTING TYPE

SM
SURFACE MOUNT



PHOTOMETRIC DATA

HMI1313 60L 40K DS10X SM BZ

| CANDLEPOWER CURVE TEST s17030051b-01-4000K | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | |
|---|------------------------------------|--------------|---|-----------------------|---------------|-----------------|--|-----------------|--|-----|----------------------|------|---------------------|------|--|
| | | | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 1 | | RCR 3 | | | | |
| | 0° | 0° - 10° | 130 | 2% | 8' | 21 fc | 34.1' | 1 fc | 18' | 20' | 13 | 0.11 | 7 | 0.08 | |
| | 0° | 0° - 20° | 524 | 9% | 10' | 13 fc | 42.7' | 0 fc | 22' | 24' | 10 | 0.09 | 10 | 0.12 | |
| | 5° | 0° - 30° | 1169 | 19% | 12' | 9 fc | 51.2' | 0 fc | 26' | 28' | 7 | 0.06 | 7 | 0.08 | |
| | 15° | 0° - 40° | 1993 | 33% | 14' | 7 fc | 59.8' | 0 fc | Delivered Illuminance Rating: (DIR) | | 111 FC per W/Sq. Ft. | | 83 FC per W/Sq. Ft. | | |
| | 25° | 0° - 60° | 3896 | 65% | 16' | 5 fc | 68.3' | 0 fc | 3' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 1: Length & Width = Ceiling Ht. - 3.0' x 10.00 RCR 3: Length & Width = Ceiling Ht. - 3.0' x 3.33 * Average Footcandles at 0' Above Floor | | | | | | |
| | 35° | 0° - 80° | 5315 | 88% | 20' | 3 fc | 85.4' | 0 fc | | | | | | | |
| | 45° | 0° - 90° | 5568 | 93% | 24' | 2 fc | 102.4' | 0 fc | | | | | | | |
| | 55° | Total | 6016 | 100% | 28' | 2 fc | 119.5' | 0 fc | | | | | | | |
| | 90° | 117 | | | | | | | | | | | | | |

Delivered Lumens: 6016
Luminaire Watts: 52
LER: 115.69

CP at 0° (Nadir): 1338
CRI: N/A

Beam Angle: 129°
Spacing Ratio: 1.40

Lumen Multiplier: N/A
CCT Multiplier: 5000K x 1.04

HMI1313 60L 50K DS10X SM BZ

| CANDLEPOWER CURVE TEST s17030051b-01 | INTENSITY CANDELA 0° AZIMUTH | ZONAL LUMENS | SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY | | | | MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT | | | | | | | | |
|---|------------------------------------|--------------|---|-----------------------|---------------|-----------------|--|-----------------|--|-----|----------------------|------|---------------------|------|--|
| | | | Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge | Ceiling Height | Fixture Spacing | RCR 1 | | RCR 3 | | | | |
| | 0° | 0° - 10° | 136 | 2% | 8' | 22 fc | 34.1' | 1 fc | 18' | 20' | 13 | 0.11 | 7 | 0.08 | |
| | 0° | 0° - 20° | 546 | 9% | 10' | 14 fc | 42.7' | 0 fc | 22' | 24' | 11 | 0.09 | 10 | 0.12 | |
| | 5° | 0° - 30° | 1218 | 19% | 12' | 10 fc | 51.2' | 0 fc | 26' | 28' | 7 | 0.06 | 7 | 0.08 | |
| | 15° | 0° - 40° | 2076 | 33% | 14' | 7 fc | 59.8' | 0 fc | Delivered Illuminance Rating: (DIR) | | 116 FC per W/Sq. Ft. | | 86 FC per W/Sq. Ft. | | |
| | 25° | 0° - 60° | 4058 | 65% | 16' | 5 fc | 68.3' | 0 fc | 3' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 1: Length & Width = Ceiling Ht. - 3.0' x 10.00 RCR 3: Length & Width = Ceiling Ht. - 3.0' x 3.33 * Average Footcandles at 0' Above Floor | | | | | | |
| | 35° | 0° - 80° | 5537 | 88% | 20' | 3 fc | 85.4' | 0 fc | | | | | | | |
| | 45° | 0° - 90° | 5800 | 93% | 24' | 2 fc | 102.4' | 0 fc | | | | | | | |
| | 55° | Total | 6267 | 100% | 28' | 2 fc | 119.5' | 0 fc | | | | | | | |
| | 90° | 121 | | | | | | | | | | | | | |

Delivered Lumens: 6267
Luminaire Watts: 52
LER: 120.52

CP at 0° (Nadir): 1394
CRI: N/A

Beam Angle: 129°
Spacing Ratio: 1.40

Lumen Multiplier: N/A
CCT Multiplier: 4000K x 0.96