Technical Information Bulletin

ORDERING INFORMATION

Order code: 65593 **Description**: LFL/S2/50W/40K/YK/120-277/BRZ/STD UPC: 69549655935 Case quantity: 1/6



LED Outdoor Luminaires

FEATURES AND SPECIFICATIONS

Commercial grade and robust die-cast construction ensures durability Powder coating finish ensures resistance to cold and UV damage Driver reliability in the coldest of temperatures (starting temperature rated to -40° C) High quality LED chips ensure total efficiency

| Туре: | Flood light |
|------------------------|-----------------------------------|
| Heat sink material: | Diecast aluminum |
| Lens material: | Polycarbonate |
| Operating temperature: | -40 °C / -40 °F to 40 °C / 104 °F |

(VL)us FC RATING WARRANTY

CAN ICES-005 (B) - This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.

FIXTURE PERFORMANCE

| Wattage (W): Input Wattage (W): | 50 50.97 |
|------------------------------------|-------------|
| Input Voltage (V): | 120-277 |
| Colour temperature (K): | 4 000 |
| Lumens (lm): | 5 871 |
| Efficacy (LPW): | 117 |
| CRI: | >80 |
| NEMA type: | 7H x 7V |
| Average life (hrs): | 50 000 |
| IP rating: | 65 |
| Surge protection (kV): | 2 |
| Housing colour: | Bronze |
| Mounting type: | Yoke |
| Photocell: | No |
| B.U.G rating: | B1-U1-G1 |
| DLC: | Yes |

| | for use | |
|--|---------|--|
| | | |
| | | |
| | | |

POWER FACTOR (PF)

| 120 V | 0.99 |
|-------|------|
| 277 V | 0.99 |

TOTAL HARMONIC DISTORTION (% THD)

| 120 V | 12.58 |
|-------|-------|
| 277 V | 16.04 |

The attached data is provided to assist users in making lighting decisions based on various assumptions, factors and methods. Resources and efforts have been put in place to account for the data and the development of this tool however STANDARD does not warrant or guarantee that the results obtained will be accurate under actual use conditions. A lighting layout is recommend to ensure the proper light levels are attained to satisfy the demand of the application

Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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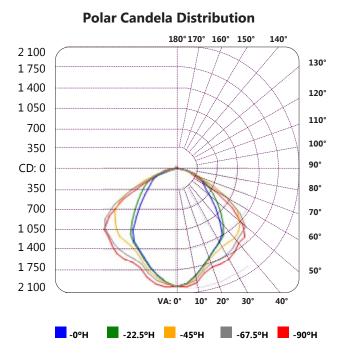
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PHOTOMETRICS - BEAM SPREAD*

86.5° Vertical spread -Horizontal spread - 117.1° 510.3 2' 3.8' 6.5 127.6 4' 7.5 13.1' 56.7 6' 11.3' 19.6 31.9 8' **15.1'** 26.2' 20.4 10 **18.8'** 32.7' Height Footcandle **Beam Diameter**

* complete IES files available online

PHOTOMETRICS - CANDELA DISTRIBUTION*



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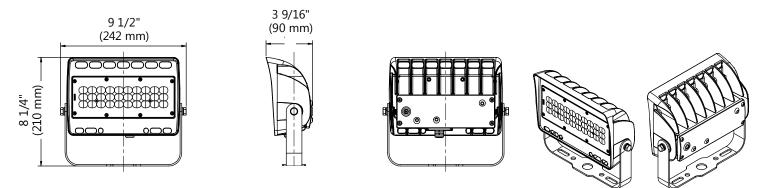
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TECHNICAL DRAWINGS



WARNINGS

- Installation and maintenance must be performed by licensed electricians only.
- To avoid risk of electric shock, make sure to turn off main power switch prior to installation or maintenance.
- Must be installed in compliance with Canadian Electrical Code in Canada or National Electrical Code (NEC) in the US.
- Make sure input voltage and frequency are compatible with the fixture. Check installation guide for power requirements prior to installation.

| _ |
|---|

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