

| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: SLSQ63K-UNV-BZ | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

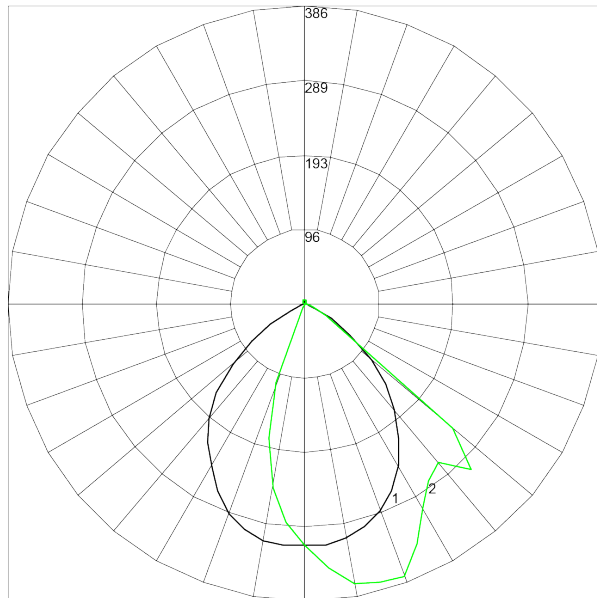


To supply Tamlite's SLSQ Series of LED Square Step Light Luminaire as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder coated diecast Aluminium with impact resistant polycarbonate lens. The LEDs shall be as specified LUMILEDS® LUXEON 3030 2D LED chips. The luminaire shall be cULus Listed.



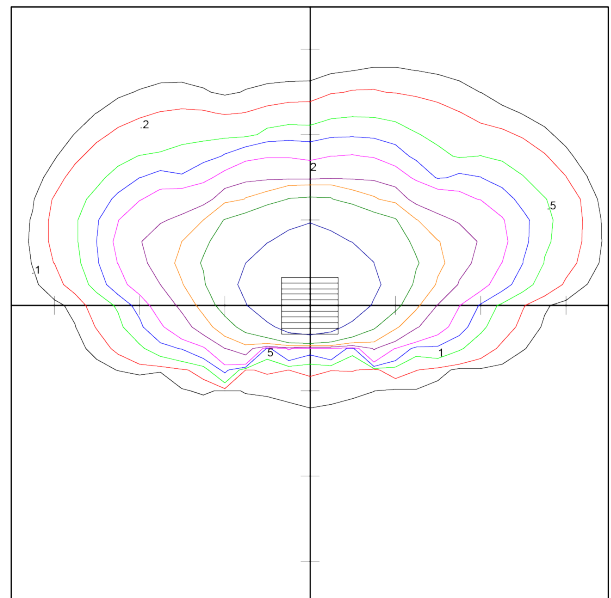
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 385.54 Located At Horizontal Angle = 112.5, Vertical Angle = 20
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



TAMLITE LIGHTING
 CALEDON, ONTARIO
 SLSQ63K-UNV
 TAMLITE 6W SQUARE STEP LIGHT

Horizontal Footcandles
 Scale: 1 inch = 1.5 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = 559.1
 Total Lamp Lumens = 559.1
 Mounting Height = 1.50 Ft
 Maximum Calculated Value = 151.77 Fc
 Arrangement: Single

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Zonal Lumen Summary

| ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS |
|-------|--------|-------|--------|---------|--------|---------|--------|---------|--------|
| 0-10 | 29.8 | 40-50 | 110.51 | 80-90 | 1.2 | 120-130 | 2.04 | 160-170 | 1.24 |
| 10-20 | 82.05 | 50-60 | 75.32 | 90-100 | 1.25 | 130-140 | 2.19 | 170-180 | 0.44 |
| 20-30 | 105.5 | 60-70 | 27.34 | 100-110 | 1.5 | 140-150 | 2.15 | -- | -- |
| 30-40 | 108.68 | 70-80 | 4.26 | 110-120 | 1.78 | 150-160 | 1.85 | -- | -- |

Initial Lumen Output: 555lm

Spacing Criteria: 1.15 (C0/180), 0.85 (C90/270)

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 81.19lm/W

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA

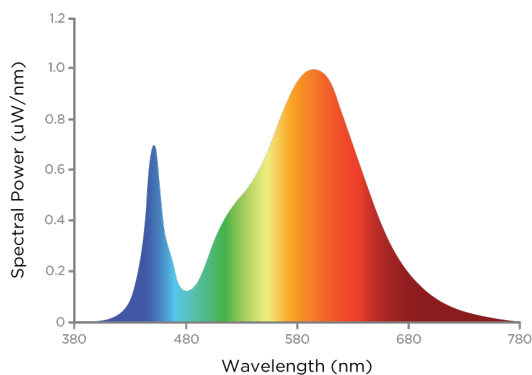
BUG Rating: B0-U2-G0

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

LED SPECIFICATIONS

SPD



Source Type: LED

CRI: >70

Chromaticity: x=0.43693 y=0.40407

Manufacturer: Lumileds®

L70: 36000 Hrs.

Colour Tolerance: 5 SDCM

Part Number: LUXEON 3030 2D

Colour Temperature: 3000K

Duv: 0.0005



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ELECTRICAL SPECIFICATIONS

Input Voltage: 120-277Vac

Auxiliary Control:

Dimming Current mA:

Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Input Frequency: 50/60 hz

Power Factor at 120Vac: > 0.90

Over Temperature Protection: Auto

Recovery. Returning to normal after over

temperature is removed.

Fixture Draw: 6.89W

Dimming: 0-10Vdc, (0% Min Light Level)

Short Circuit Protection: Auto Recovery.

The output shall return to normal when the

fault condition is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Bronze (RAL-8019)

Housing Material: ADC12 Aluminium

Finish Type: Textured powder coat over
chromate conversion coat

Lens Material: PMMA

Mounting: Wall Mount

Lens Type: Clear

SHIPPING INFORMATION

OrderingCode(s): SLSQ63K-UNV-BZ

Carton Quantity: 24

Box Quantity: 1

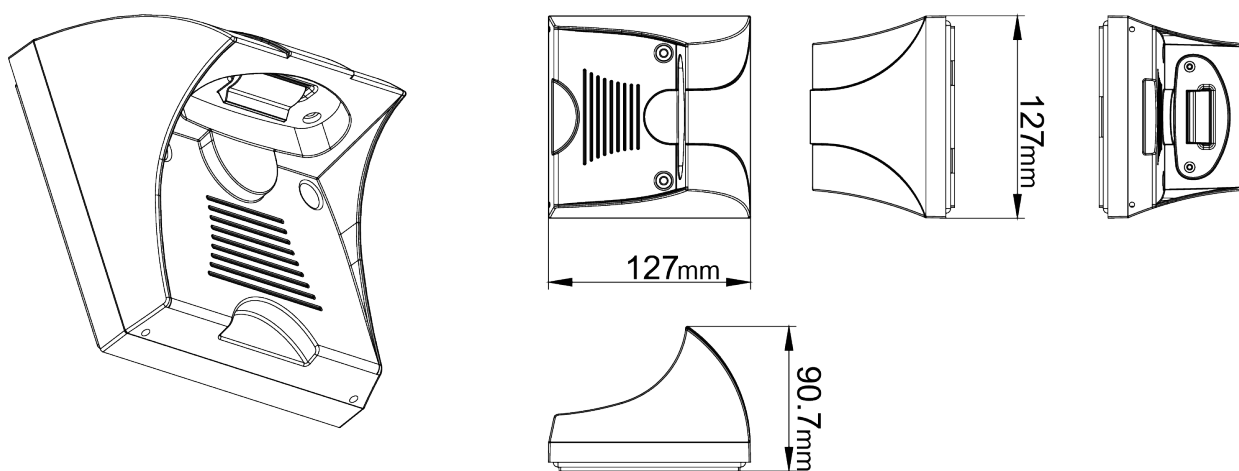
Carton Dimensions (L-W-H): 435 x 400 x
310 mm

Box Dimensions (L-W-H): 141 x 96 x 145
mm

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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

SLS Nomenclature

| Part | Watta | CCT | Mounting | Voltage | Finish |
|------|-------|----------|---------------|----------------|-----------|
| SLSQ | 6 6W | 3K 3000K | Blank Surface | UNV 120-277VAC | BZ Bronze |
| SLSR | | 5K 5000K | | | BK Black |
| | | | | | WH White |
| | | | | | CC Custom |