

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

## SERIES SPECIFICATIONS

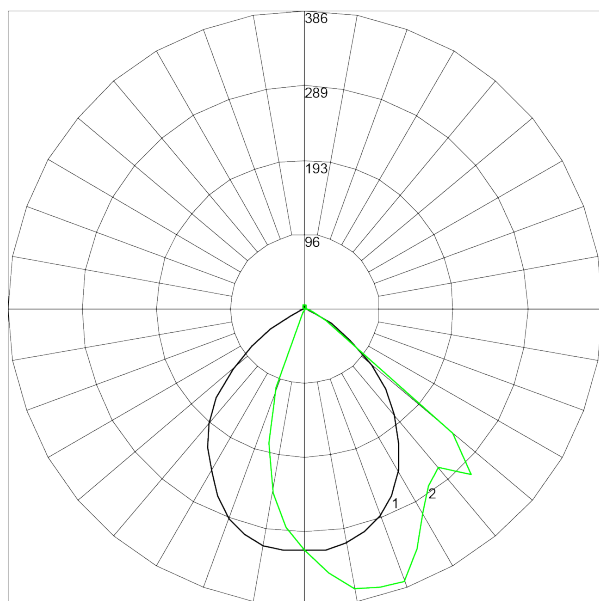


To supply Tamlite's SLSQ Series of LED Square Step Light Luminaire as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder coated diecast Aluminium with impact resistant polycarbonate lens. The LEDs shall be as specified LUMILEDS® LUXEON 3030 2D LED chips.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



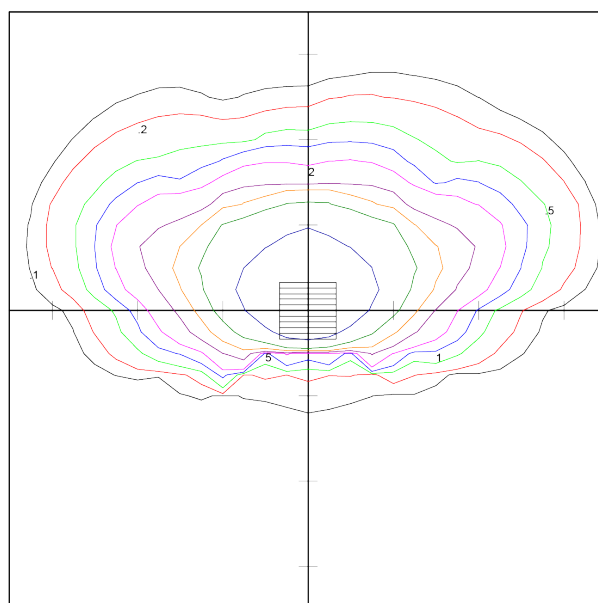
## PERFORMANCE SPECIFICATIONS

### 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

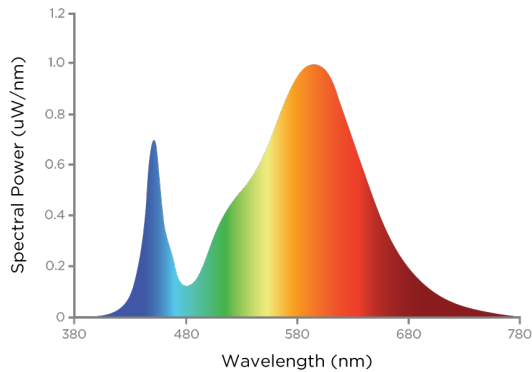
**BUG Rating:** B0-U2-G0

**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

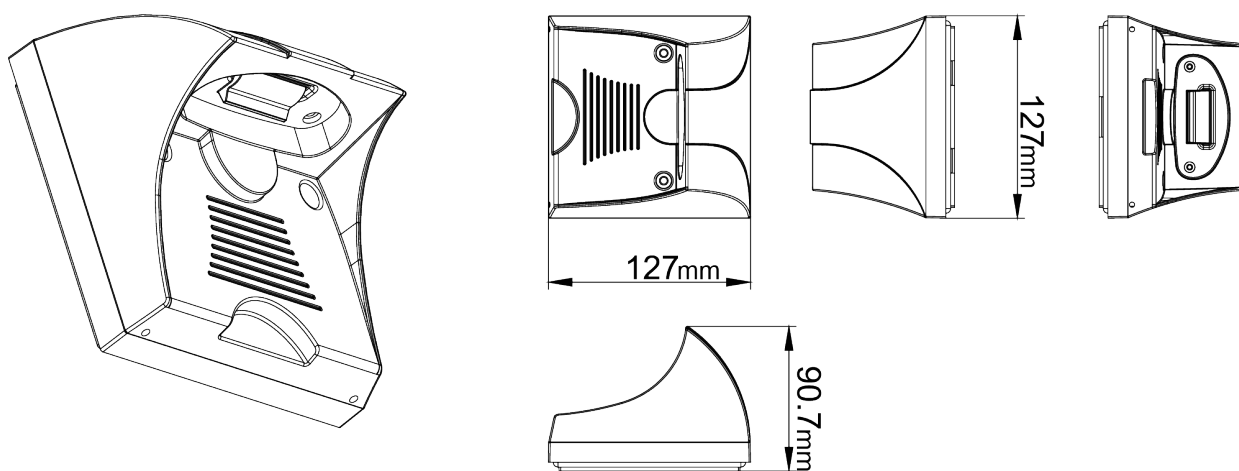
**Carton Dimensions (L-W-H):** 435 x 400 x 310 mm

**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	Watts	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