



Project:	
Location:	
Model#: SCL103K-UNV-BK	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

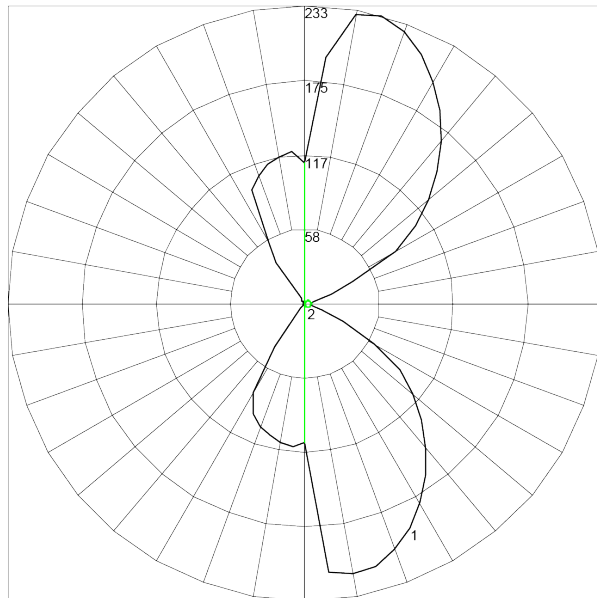


To supply TamLite's SCL Series of LED Wall Light Luminaire as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder coated die-cast Aluminium with impact resistant polycarbonate lense A selection of interchangeable trims. The LEDs shall be as specified LUMILEDS® LUXEON 3030 2D LED chips. The luminaire shall be cULus Listed.



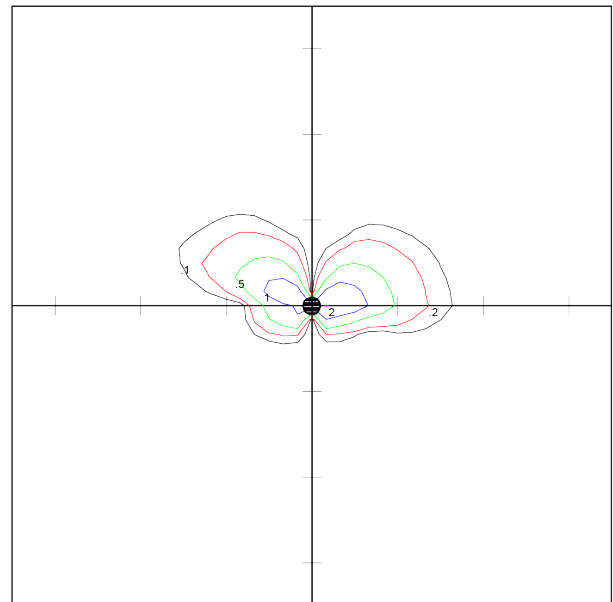
## PERFORMANCE SPECIFICATIONS

**Luminance Distribution Chart**



Maximum Candela = 233.08 Located At Horizontal Angle = 0, Vertical Angle = 165  
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)  
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

**Isolux Diagram**



TAMLITE LIGHTING  
 CALEDON, ONTARIO  
 SCL103K-UNV  
 TAMLITE 10W WALL LIGHT

Horizontal Footcandles  
 Scale: 1 Inch = 10 Ft.  
 Light Loss Factor = 1.00  
 Lumens Per Lamp = 342.2  
 Total Lamp Lumens = 342.2  
 Mounting Height = 10.00 Ft  
 Maximum Calculated Value = 2.06 Fc  
 Arrangement: Single

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#### Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	10.48	40-50	28.40	80-90	2.96	120-130	20.94	160-170	27.37
10-20	26.84	50-60	20.98	90-100	2.97	130-140	28.52	170-180	10.58
20-30	34.49	60-70	9.58	100-110	3.64	140-150	33.28	--	--
30-40	33.10	70-80	3.58	110-120	9.56	150-160	35.01	--	--

**Initial Lumen Output:** 818lm

**Environmental Rating(s):** IP65

**Certification Standards:** UL Safety US-CA

**Efficacy:** 81lm/W

**UL Classification:** Wet Location Listed

**CCN Number:** IFAM7.E359675

**Luminaire Type:** Direct, Indirect

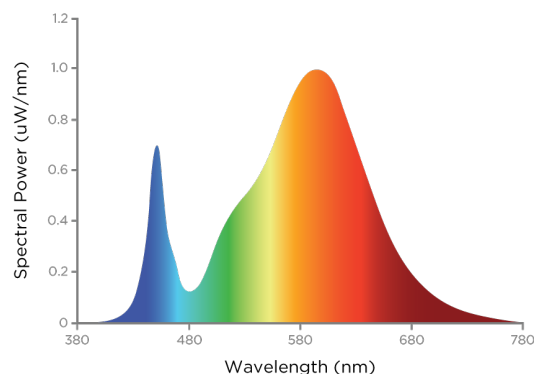
**Ambient Operating Temp:** -25C to +40C

#### LED SPECIFICATIONS

##### R Tables

<b>R1</b>	82	<b>R9</b>	9
<b>R2</b>	91	<b>R10</b>	80
<b>R3</b>	96	<b>R11</b>	80
<b>R4</b>	81	<b>R12</b>	64
<b>R5</b>	82	<b>R13</b>	84
<b>R6</b>	89	<b>R14</b>	99
<b>R7</b>	84	<b>R15</b>	75
<b>R8</b>	62	<b>--</b>	<b>--</b>

##### SPD



**Source Type:** LED

**CRI:** >70

**Chromaticity:** x=0.4369 y=0.4041

**Manufacturer:** Lumileds®

**L70:** 36000 Hrs

**Part Number:** LUXEON 3030 2D

**Colour Temperature:** 3000K



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#### ELECTRICAL SPECIFICATIONS

**Input Frequency:** 50-60Hz  
**Current Draw@ 277Vac:** 0.0379  
**Dimming:** 0-10Vdc, (0% Min Light Level)

**Fixture Draw:** 10.5W  
**Max On-Delay:** < 1 S  
**Short Circuit Protection:** Auto Recovery.  
The output shall return to normal when the fault condition is removed.

**Current Draw@ 120Vac:** 0.0867A  
**Power Factor @277Vac:** >.90  
**Driver Certifications:** c-RU-us Class 2,  
FCC Part 15 Class B, RoHS

#### PHYSICAL SPECIFICATIONS

**Finish Colour:** Black (RAL-9011)  
**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):** SCL103K-UNV-BK (Fixture)

**Carton Quantity:** 12

**Box Quantity:** 1  
**Carton Dimensions (L-W-H):** 498 x 291 x  
300 mm

**Box Dimensions (L-W-H):** 483 x 92 x 70  
mm

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## LINE DRAWING

### Line Drawings

