

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

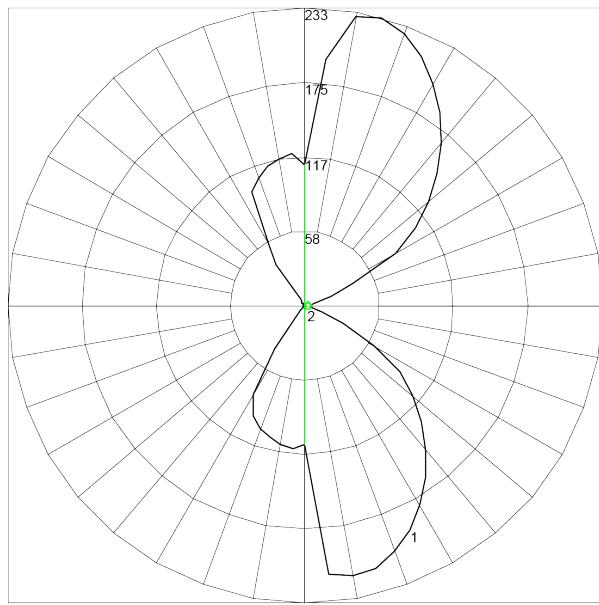
SERIES SPECIFICATIONS



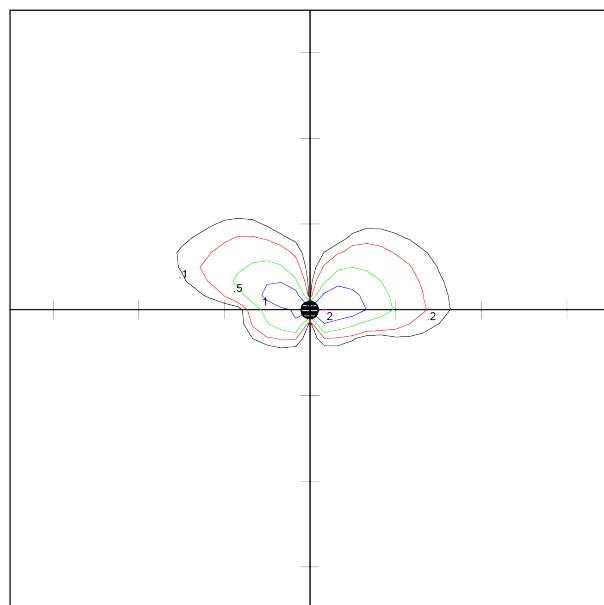
To supply Tamlite's SCL Series of LED Wall Light Luminaire as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder coated die-cast Aluminium with impact resistant polycarbonate lens. A selection of interchangeable trims. The LEDs shall be as specified LUMILEDS® 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

TAMILITE LIGHTING
 CALEDON, ONTARIO
 SCL103K-UNV
 TAMILITE 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

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

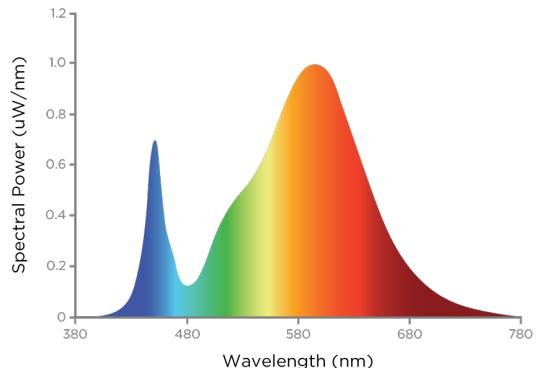
LED SPECIFICATIONS

R Tables

| | |
|----|----|
| R1 | 82 |
| R2 | 91 |
| R3 | 96 |
| R4 | 81 |
| R5 | 82 |
| R6 | 89 |
| R7 | 84 |
| R8 | 62 |

| | |
|-----|----|
| R9 | 9 |
| R10 | 80 |
| R11 | 80 |
| R12 | 64 |
| R13 | 84 |
| R14 | 99 |
| R15 | 75 |
| -- | -- |

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

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 (I-W-H): 498 x 291 x

300 mm

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

mm

LINE DRAWING

Line Drawings

