

Project:	
Location:	
Model#: TLASU403K-UNV-BZ	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

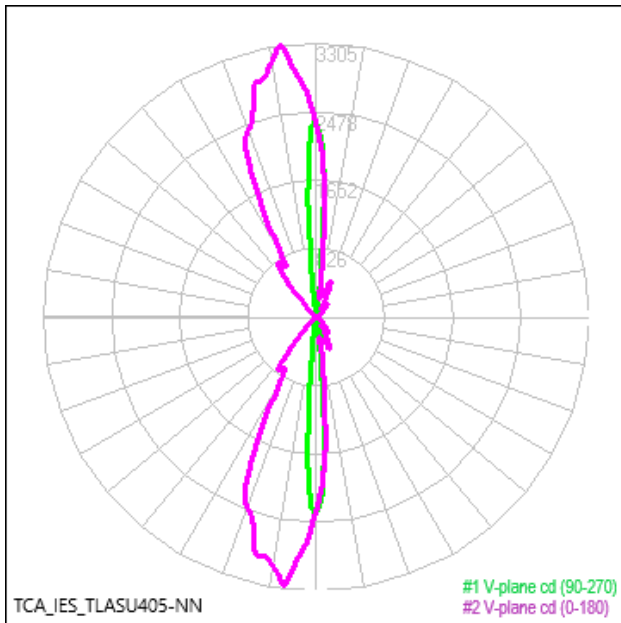


To supply Tamlite TLASU Series of Adjustable Sconce as specified. The luminaire shall operate at 120-277Vac and use a CREE® Approved Driver. The optical assembly shall be manually adjustable for 25 to 60 degrees. The housing shall be constructed of powder coated die-cast Aluminium with a gasketed acrylic lens. A durable formed gasket shall be provided between the enclosure and the lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire. The fixture shall be cULus Listed.

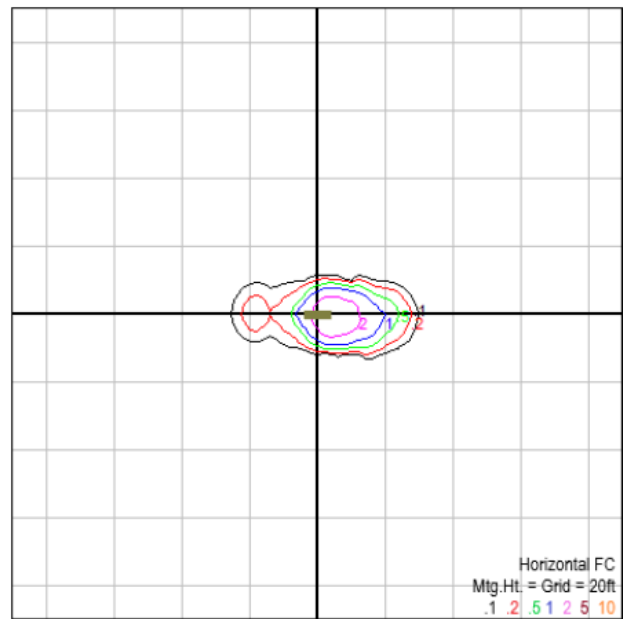


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



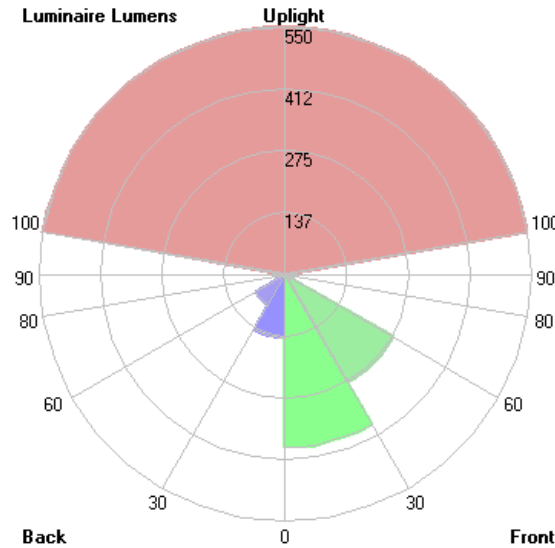
Isolux Diagram





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**BUG Graph**



**Lum. Classification System (LCS)**

LCS Zone	Lumens	%Lum
FL (0-30)	386.1	26.0
FM (30-60)	280.0	18.9
FH (60-80)	20.7	1.4
FVH (80-90)	1.4	0.1
BL (0-30)	142.0	9.6
BM (30-60)	76.9	5.2
BH (60-80)	20.4	1.4
BVH (80-90)	1.0	0.1
UL (90-100)	4.4	0.3
UH (100-180)	549.9	37.1
<b>Total</b>	<b>1482.8</b>	<b>100.0</b>
<b>BUG Rating</b>		<b>B1-U4-G0</b>

**Initial Lumen Output:** 1480lm

**Beam Angle:** Manually Adjustable from 20-60 deg

**UL Classification:** Wet Location Listed

**CCN Number:** IFAM7.E359675

**Efficacy:** 53.82lm/W

**BUG Rating:** B2,U1,G0

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

**Limited Product Warranty:** 5 Year(s)

**Max Candela:** 3130cd (5H. 172V)

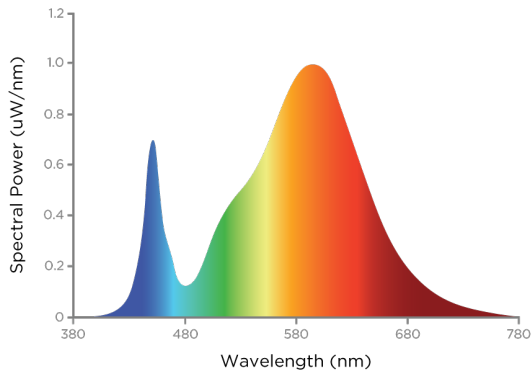
**Environmental Rating(s):** IP65

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

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## LED SPECIFICATIONS

### SPD



**Source Type:** LED

**CRI:** >70

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

**Manufacturer:** Cree®

**L70:** 54000 Hrs.

**Colour Tolerance:** 5 SDCM

**Part Number:** CXB1820 (COB)

**Colour Temperature:** 3000K

**Duv:** 0.0005

## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** Inventronics®

**Input Frequency:** 50/60 hz

**Current Draw at 277Vac:** 0.0995

**Power Factor at 120Vac:** 0.96

**Driver MTBF:** 327,000 hrs

**Over Temperature Protection:** Auto

Recovery. Returning to normal after over temperature is removed.

**Driver Part Number:** EUC-042SxxxDS(PS)

**Fixture Draw:** 27.57W

**Inrush Current:** 0.32A2S

**Power Factor at 277Vac:** 0.95

**Max Operating Case Temperature:** 70C

**Short Circuit Protection:** Auto Recovery.

The power supply shall self-recover when the fault condition is removed.

**Input Voltage:** 120-277Vac

**Current Draw at 120Vac:** 0.2298

**Max On-Delay:** < 1 S

**THD at 120Vac(%):** < 15%

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

**Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Bronze (RAL-8019)

**Housing Material:** ADC12 Aluminium

**Entries:** 4 x ½" coin plugs, Rear Box Entry

**Finish Type:** Textured powder coat over chromate conversion coat

**Lens Material:** PMMA

**Mounting:** Wall Mount

**Lens Type:** Clear

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## SHIPPING INFORMATION

OrderingCode(s): TLASU405K-UNV-BZ

Carton Quantity: 4

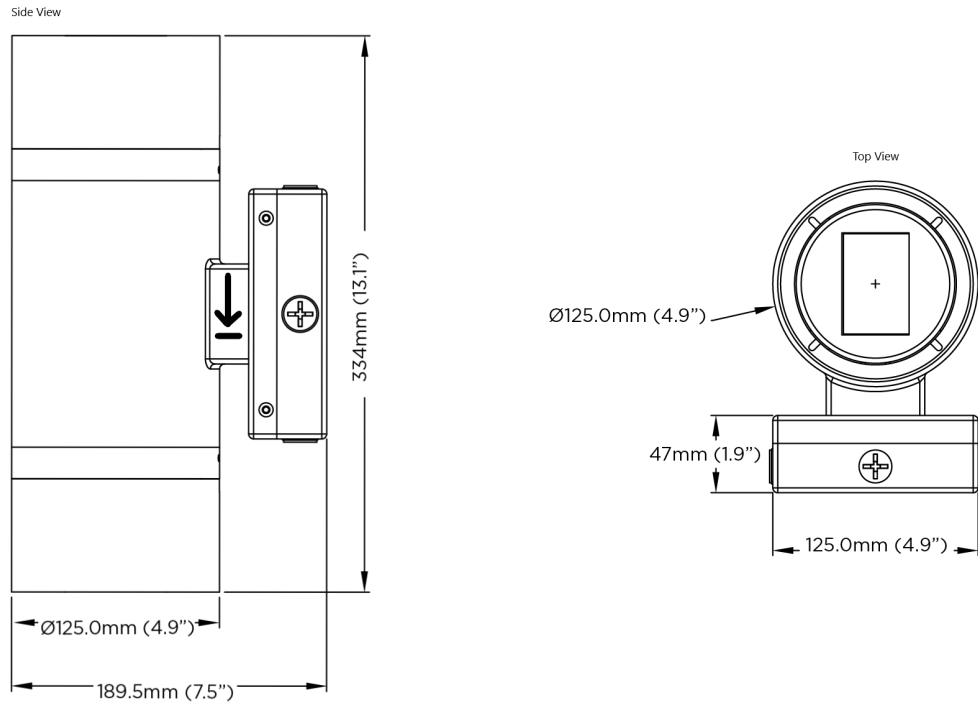
Box Quantity: 1

Carton Dimensions (L-W-H): 555 x 435 x 405 mm

Box Dimensions (L-W-H): 415 x 265 x 190 mm

## LINE DRAWING

### Line Drawings





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SERIES ARCHITECTURE

Series Architecture

TALS - - - - -

Part	Optics	Wattage		CCT		Mounting		Voltage		Finish	
TLAS	U Up-Down	40	27W	3K	3000K	Blank	Wall Surface	UNV	120-277VAC	BZ	Bronze
	D Down			4K	4000K			347	347VAC	BK	Black
				5K	5000K					WH	White
										CC	Custom