

Project:	
Location:	
Model#:	TLWR42530K-UNV
Type:	
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS



To supply Tamlite TLWR series of LED Wide Wrap fixtures as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder-coated Aluminium with a heat and impact resistant tempered PMMA lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire. The fixture shall be cULus Listed.



## PERFORMANCE SPECIFICATIONS

**Initial Lumen Output:** 2996lm

**Field Angle:** 180 deg

**Environmental Rating(s):** IP20

**Certification Standards:** cULus

**Efficacy:** 128.14lm/W

**Luminaire Type:** Semi-Direct

**UL Classification:** Dry Location Only

**CCN Number:** IFAM7.E359675

**Beam Angle:** 100 deg

**Spacing Criteria:** 1.2(0-180), 1.28(90-270)

**Ambient Operating Temp:** -20C to +40C

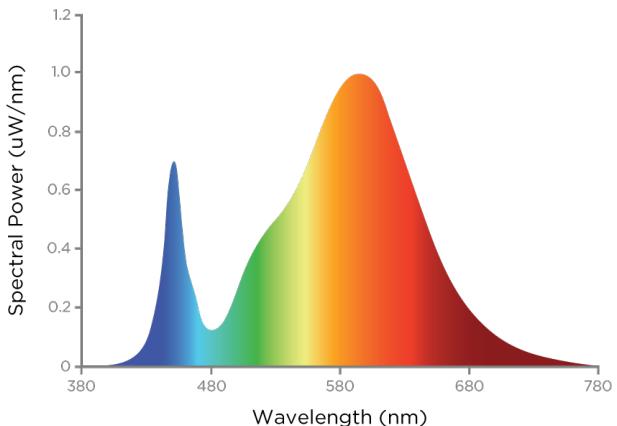
**Limited Product Warranty:** 5 Year(s)

## LED SPECIFICATIONS

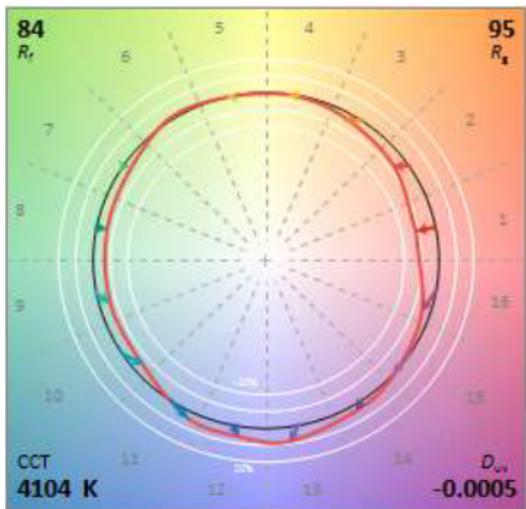
### R Tables

R1	81
R2	91
R3	96
R4	81
R5	82
R6	90
R7	82
R8	59

### SPD



### TM-30



**Source Type:** LED

**CRI:** >80

**L70:** >50000 Hrs

**Duv:** 0.0018

**Manufacturer:** Epistar®

**Rf:** 84

**Colour Temperature:** 3000K

**Part Number:** 2835 SMD

**Rg:** 95

**Chromaticity:** x=0.4416; y=0.4099

## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:**

**Fixture Draw:** 23.11W

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

**Dimming:** 1-10Vdc, (10% Min Light Level)

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

FCC Part 15 Class B, RoHS

**Input Voltage:** 120~277Vac

**Current Draw@ 120Vac:** 0.1926A

**THD @ 120Vac(%):** 10.37

**Over Temperature Protection:** Auto

Recovery. The output shall return to normal when the fault condition is removed.

**Input Frequency:** 50-60Hz

**Current Draw@ 277Vac:** 0.0834A

**THD @ 277Vac(%):** 11.7

**Short Circuit Protection:** Auto Recovery.

The output shall return to normal when the fault condition is removed.

## PHYSICAL SPECIFICATIONS

**Finish Colour:** White

**Mounting:** Surface, Suspended

**Lens Type:** Frosted Prismatic

**Finish Type:** Smooth Powder Coat over

Chromate Conversion Coat

**Housing Material:** Heavy Gauge Steel

**Reflector Material:** Painted Steel

**Wiring:** Back and End Knock outs with

luminaire disconnect

**Lens Material:** PMMA

## SHIPPING INFORMATION

**OrderingCode(s):** TLWR42530K-UNV

**Carton Quantity:** 6

**Box Quantity:** 1

**Carton Dimensions (I-W-H):** 1220 x 275 x  
320mm

**Box Dimensions (L-W-H):** 1205 x 130 x

100 mm

## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

TLWR -											
Part	Length	Wattage			Voltage			Options			
TLWR	4	4FT	25	25W	30K	3000K	UNV	120-277VAC	[Blank]	White	OC
			40		35K	3500K	UN4	347VAC			EMOC
			60		40K	4000K					with Occupancy Sensor*
					45K	4500K					FSIR-100
					50K	5000K					*FSIR-100 Programer