



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)

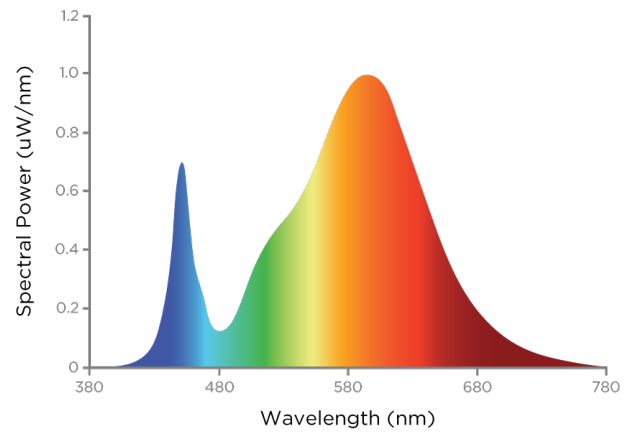
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## LED SPECIFICATIONS

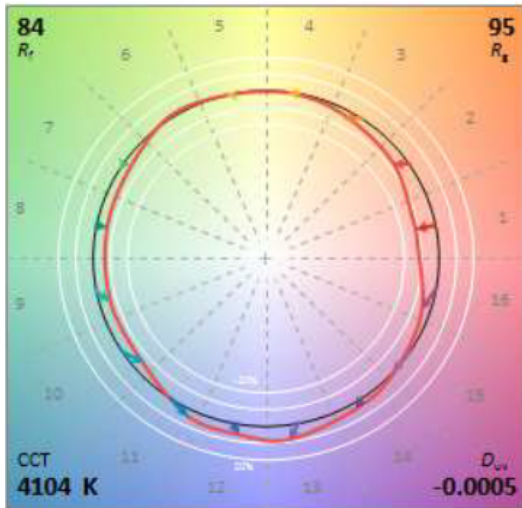
### R Tables

R1	81	R9	6
R2	91	R10	81
R3	96	R11	80
R4	81	R12	71
R5	82	R13	84
R6	90	R14	98
R7	82	R15	74
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

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## 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

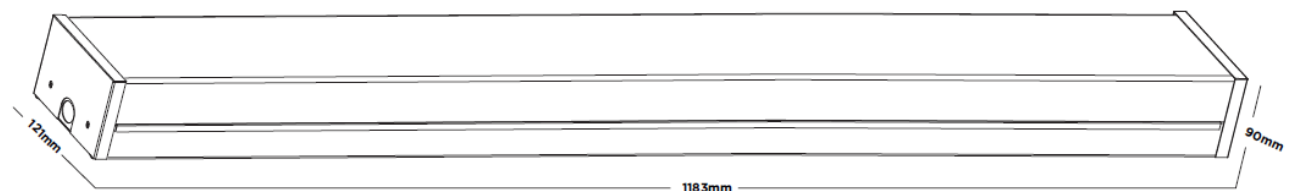
**OrderingCode(s):** TLWR42530K-UNV  
**Carton Quantity:** 6

**Box Quantity:** 1  
**Carton Dimensions (L-W-H):** 1220 x 275 x 320mm

**Box Dimensions (L-W-H):** 1205 x 130 x 100 mm

## LINE DRAWING

### Line Drawings





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## SERIES ARCHITECTURE

### Series Architecture

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