



Project:	
Location:	
Model#: TLSR44030K-UNV	Type:
Client:	Qty:
Prepared by:	Date:

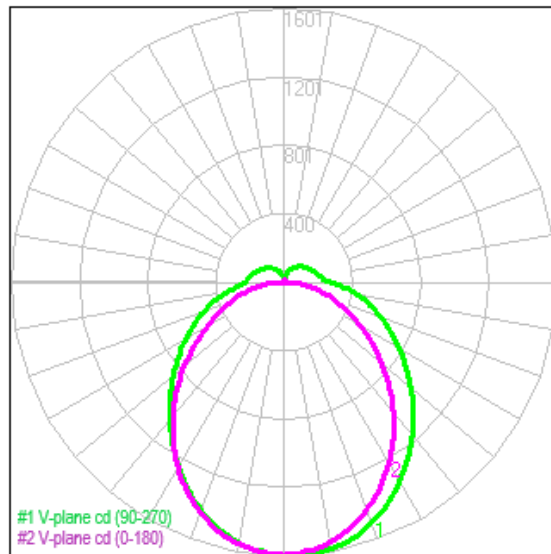
## SERIES SPECIFICATIONS

To supply Tamlite TLSR series of LED shallow wrap fixtures as specified. The fixture shall be capable of operating at 120-277Vac. The body shall be formed steel with a white polyester powder coat paint. The fixture shall be cULus and DLC Listed.

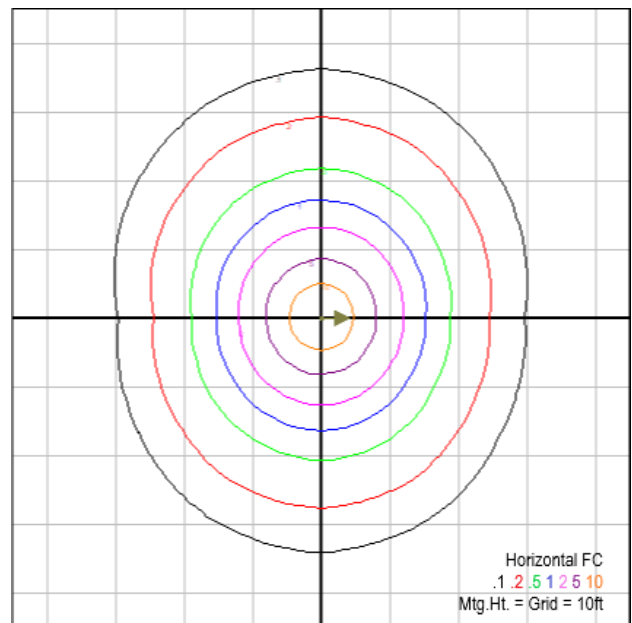


## PERFORMANCE SPECIFICATIONS

### Luminance Distribution Chart



### Isolux Diagram



### Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	150.67	30-40	732.74	60-70	538.22	90-100	144.79	120-130	77.69	150-160	21.8
10-20	426.39	40-50	736.41	70-80	392.23	100-110	118.78	130-140	57.41	160-170	9.44
20-30	629.57	50-60	661.29	80-90	232.66	110-120	96.86	140-150	38.43	170-180	2.12



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#### Co-efficient of Utilization

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RF	20				20				20			20			20			20
0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	91	101	96	92	88	90	86	83	84	81	79	79	77	74	72
2	95	86	79	73	91	84	77	71	78	73	68	73	69	65	69	65	62	59
3	87	76	67	61	83	73	66	59	69	62	57	64	59	54	60	56	52	49
4	79	67	58	51	76	65	57	50	61	54	48	57	51	47	54	49	45	42
5	73	60	51	44	70	58	50	43	55	47	42	52	45	40	49	43	39	37
6	67	54	45	38	65	52	44	38	49	42	37	47	40	35	44	39	34	32
7	62	49	40	34	60	48	39	33	45	38	32	43	36	31	40	35	30	28
8	58	45	36	30	56	43	35	30	41	34	29	39	33	28	37	32	27	25
9	54	41	33	27	52	40	32	27	38	31	26	36	30	25	34	29	25	23
10	51	38	30	25	49	37	29	24	35	28	24	33	27	23	32	26	23	21

**Initial Lumen Output:** 5069lm

**Beam Angle:** 108.00 deg

**UL Classification:** Damp Location Listed

**CCN Number:** IFAM7.E359675

**Efficacy:** 123.21lm/W

**Spacing Criteria:** 1.16(0-180), 1.26(90-270)

**Certification Standards:** cULus, DLC

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

**CBCP:** 1529cd

**Environmental Rating(s):** IP20

**DLC Number:** PEHH115D

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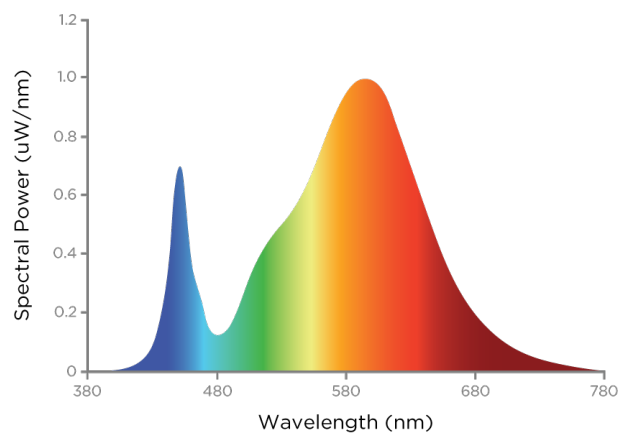
## LED SPECIFICATIONS

### R Tables

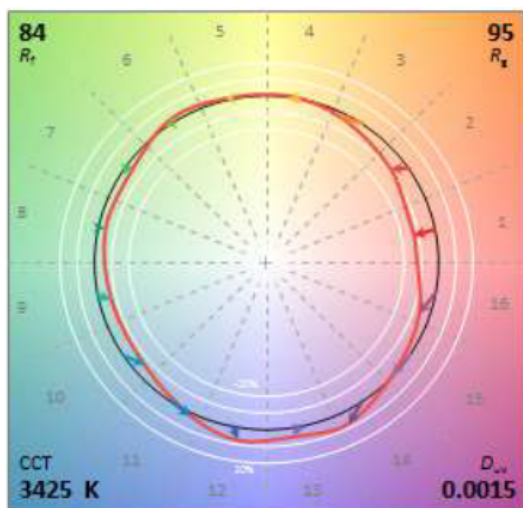
<b>R1</b>	81
<b>R2</b>	92
<b>R3</b>	95
<b>R4</b>	80
<b>R5</b>	82
<b>R6</b>	91
<b>R7</b>	81
<b>R8</b>	57

<b>R9</b>	4
<b>R10</b>	82
<b>R11</b>	80
<b>R12</b>	73
<b>R13</b>	84
<b>R14</b>	98
<b>R15</b>	73
<b>Ra</b>	85

### SPD



### TM-30



Source Type: LED

Rg: 96

Chromaticity: x=0.4401 y=0.4012

CRI: >80

L70: >50000 Hrs

Duv: 0.0019

Rf: 83

Colour Temperature: 3000K



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#### ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** ARC Smart Electronic Co., Ltd.

**Input Frequency:** 50-60Hz

**Current Draw@ 277Vac:** .1547A

**Power Factor @277Vac:** > 0.90

**Driver MTBF:** 320,000hrs

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

**Short Circuit Protection:** Auto Recovery.

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

**Driver Part Number:** ARC-DI-40I800-MUV-D1-R

**Fixture Draw:** 41.18W

**Max On-Delay:** < 0.5 S

**THD @ 120Vac(%):** 4.75

**Max Operating Case Temperature:** 90C

**Dimming Current mA:** .300 mA

**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

**Input Voltage:** 120~277Vac

**Current Draw@ 120Vac:** 0.3472

**Power Factor @120Vac:** > 0.90

**THD @277Vac(%):** 5.69

**Surge Suppression:** 2 KV L-L 4KV L-N

**Over Temperature Protection:** Auto recovery. Current returns to normal after over temperature is removed.

#### PHYSICAL SPECIFICATIONS

**Finish Colour:** White

**Mounting:** Surface, Suspended

**Lens Type:** Frosted Prismatic

**Finish Type:** Textured 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):** TLSR44030K-UNV

**Box Weight:** 1 kg

**Carton Weight:** 6

**Box Quantity:** 1

**Carton Quantity:** 6

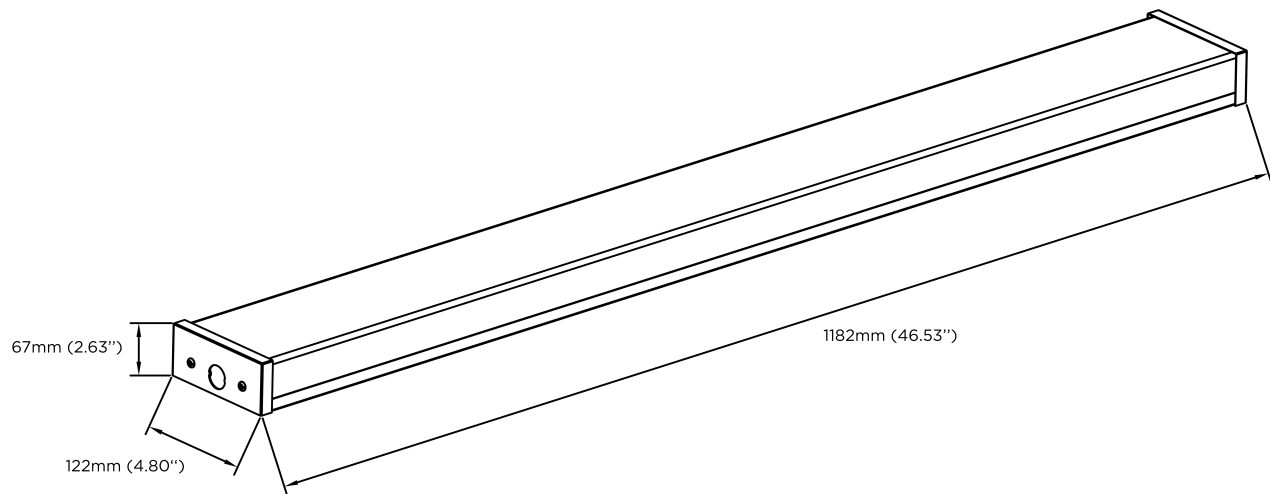
**Box Dimensions (L-W-H):** 1205 x 130 x 100 mm

**Carton Dimensions (L-W-H):** 1220 x 275 x 220mm

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## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

TLSR - 4 - 40 - 40K - UNV									
Part	Length	Wattage		CCT*		Mounting		Voltage	
TLSR	4 4FT	40	40W	30K	3000K	[Blank]	Surface	UNV	120-277VAC
				35K	3500K			UN4	347VAC
				40K	4000K			WRV	120-347VAC
				45K	4500K				
				SW	Selectable				

Note: Fixture finish is standard white. Not all CCT in stock. Consult factory for availability.

**Optional Extras:** TLSR-RMK - (Row Mount Kit), EM-HBOS (Occupancy Sensor - 1/2" Threaded mount)