

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

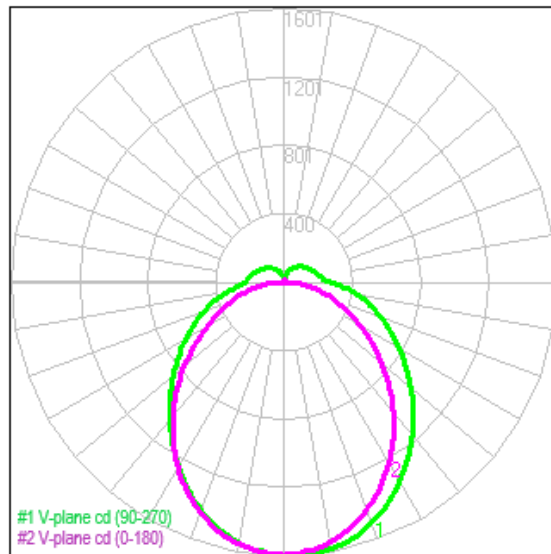
SERIES SPECIFICATIONS

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.

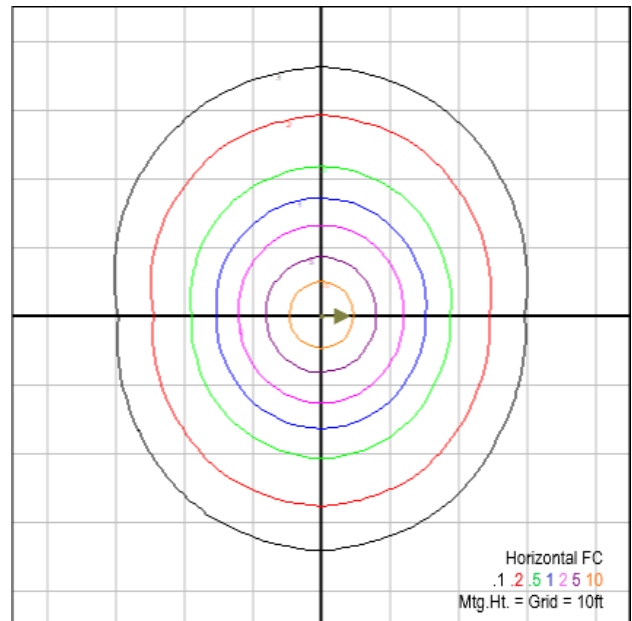


PERFORMANCE SPECIFICATIONS

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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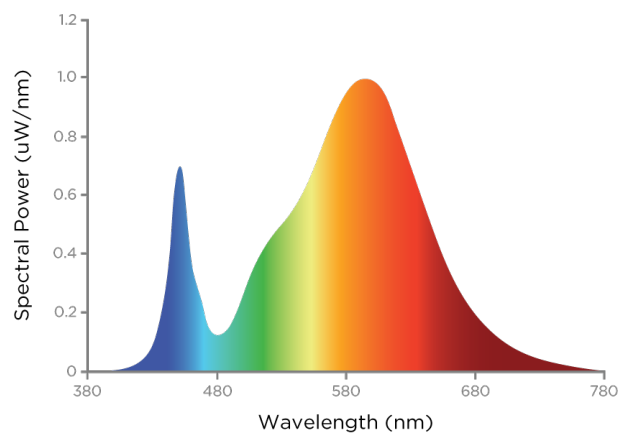
LED SPECIFICATIONS

R Tables

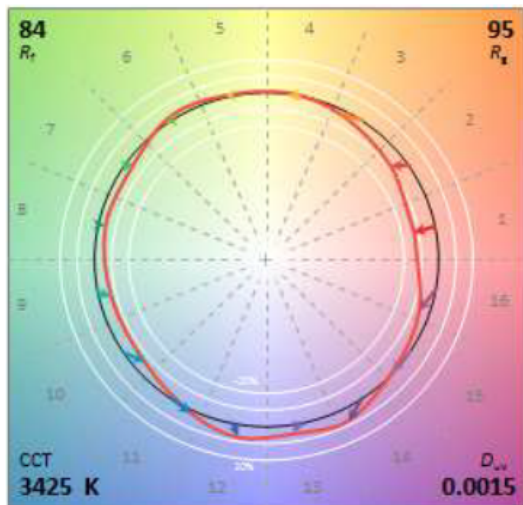
R1	81
R2	92
R3	95
R4	80
R5	82
R6	91
R7	81
R8	57

R9	4
R10	82
R11	80
R12	73
R13	84
R14	98
R15	73
Ra	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

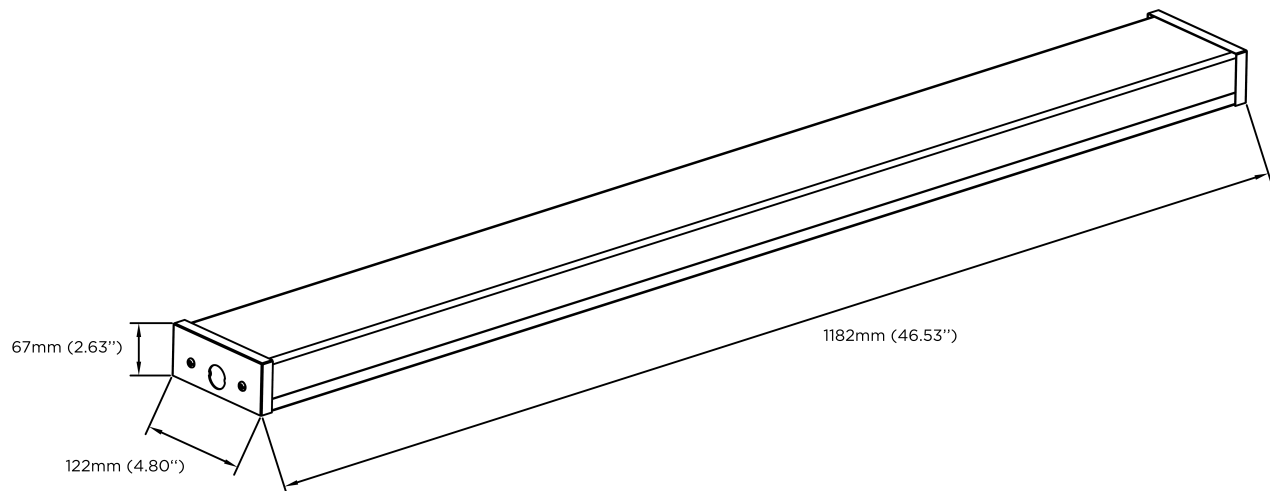
Box Dimensions (L-W-H): 1205 x 130 x 100 mm

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)