

Project:									
Location:									
Model#: TLSR44030K-UNV	Туре:								
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.









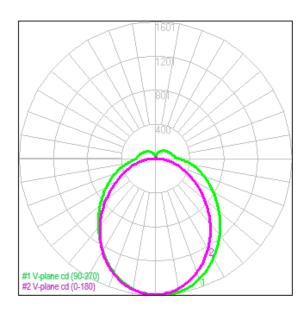




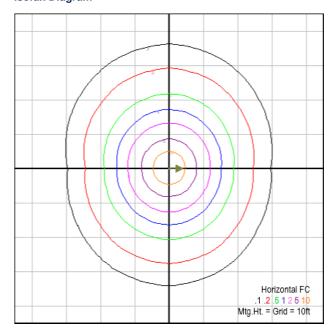


PERFORMANCE SPECIFICATIONS

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		8	0			7	0		50 30 10						0			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RF		2	0			2	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: PEHH1I5D



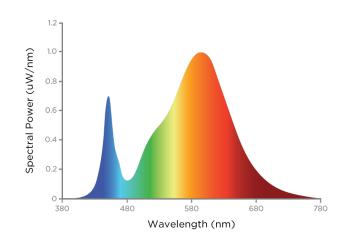
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LED SPECIFICATIONS

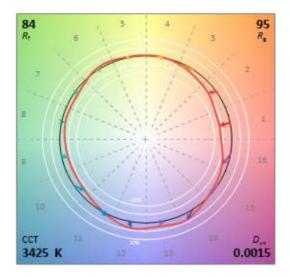
R Tables SPD

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

4
82
80
73
84
98
73
85



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 (I-W-H): 1220 x 275 x

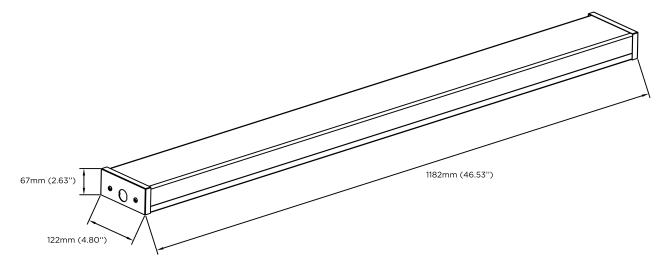
220mm



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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLSR -		4		40		40K -				UNV
Part	Length Wattage		CCT*		Mounting		Voltag	je		
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 availablity.

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