

Project:		
Location:		
Model#:	TL5R44030K-UNV	Type:
Client:		Qty:
Prepared by:		Date:

SERIES SPECIFICATIONS

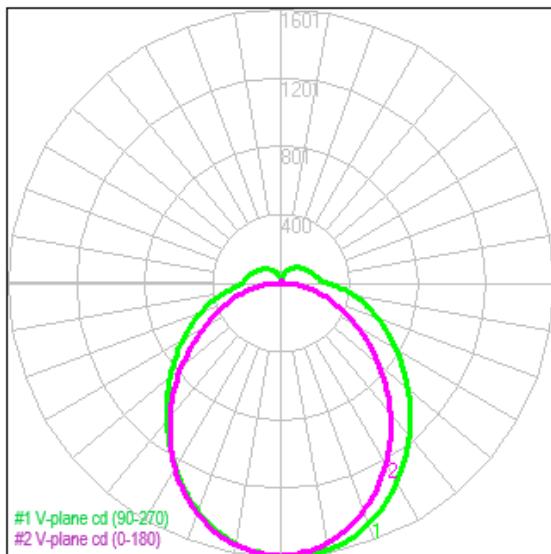


To supply Tamlite TLSR series of LED shallow wrap fixtures as specified. The fixture shall be capable of operating at 120-277Vac. The body shall be formed steel with a white polyester powder coat paint. The fixture shall be cULus and DLC Listed.

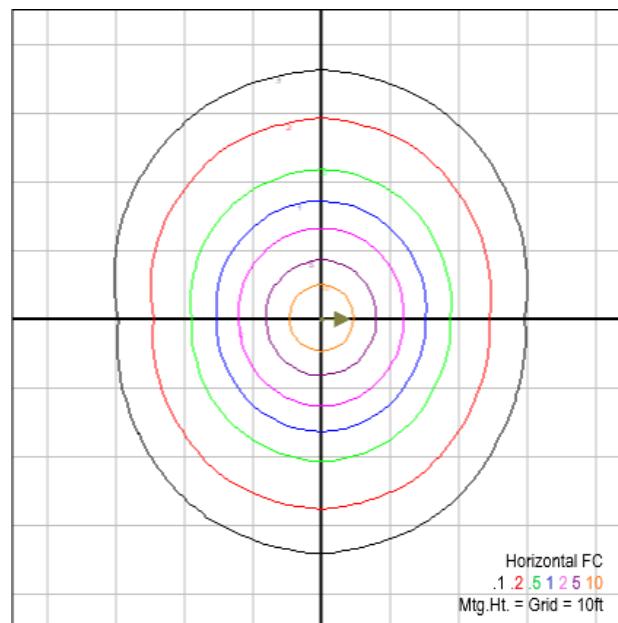


PERFORMANCE SPECIFICATIONS

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

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

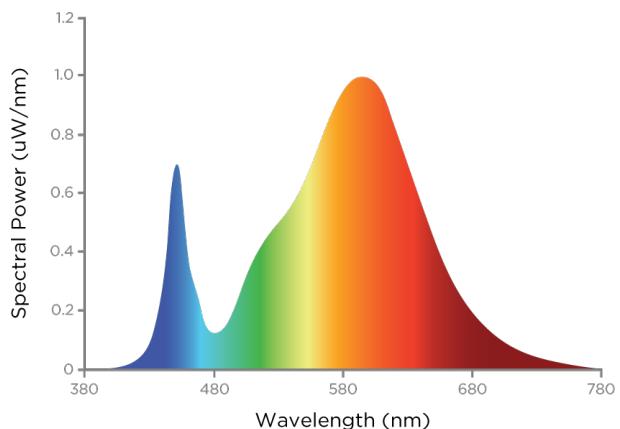
LED SPECIFICATIONS

R Tables

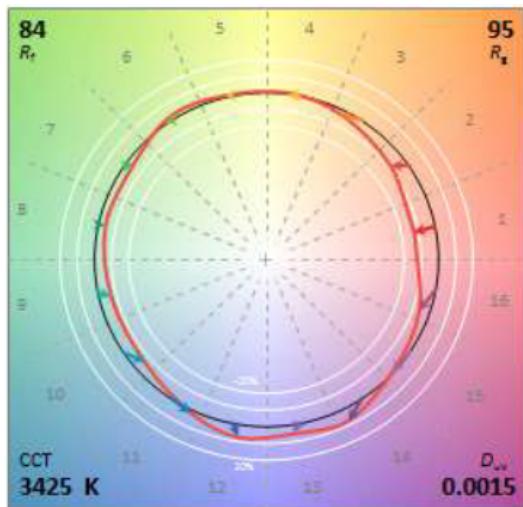
R1	81
R2	92
R3	95
R4	80
R5	82
R6	91
R7	81
R8	57

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

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

Ordering Code(s): TLSR44030K-UNV

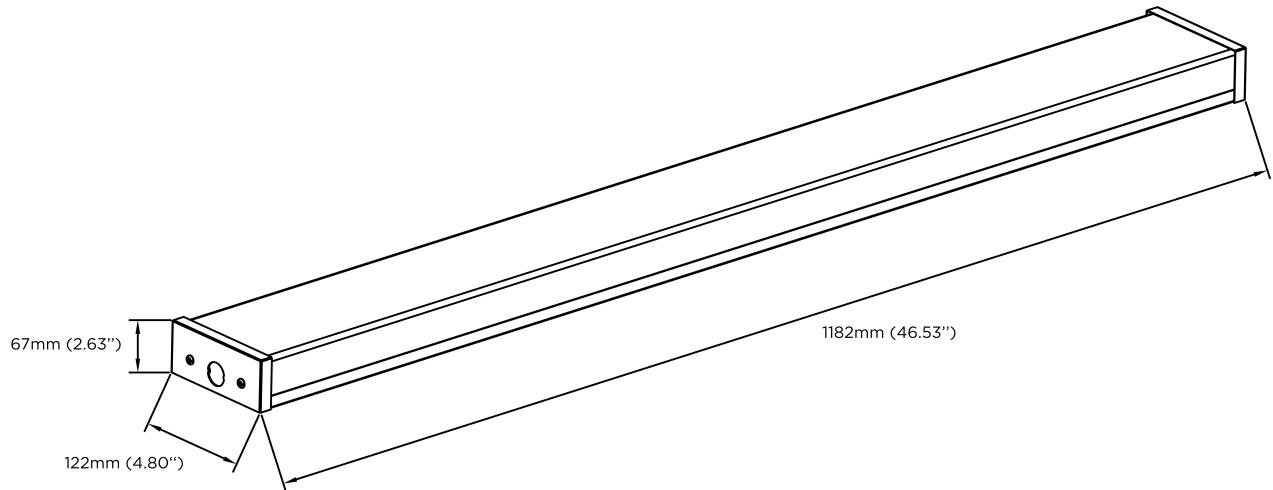
Box Weight: 1 kg
Carton Weight: 6

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

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

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