

Project:	
Location:	
Model#: TLSF45030K-WRV	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

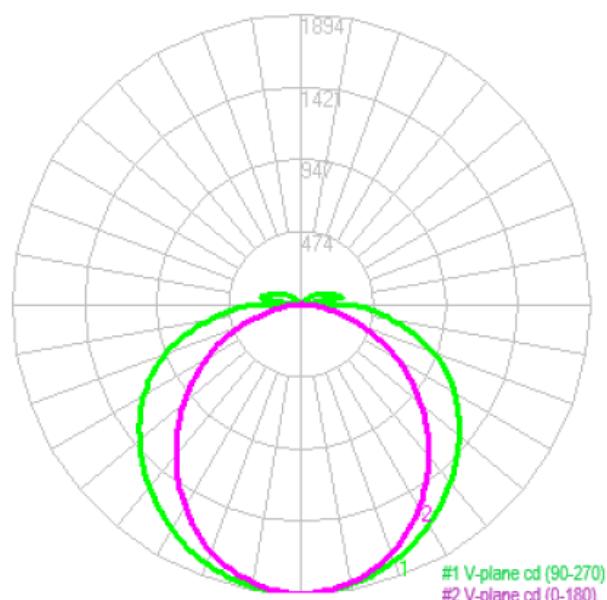


To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120~347Vac and use a 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth powder coat over chromate conversion coat. All hardware to be stainless steel. Bottom access wiring compartment to be supported by aircraft cable for servicing. Fixtures to come standard with a Z-10 socket and cap. Optics to be constructed of PMMA complete with a frosted lense. LED's shall be as specified Shenzhen Runlite Technology Co. Ltd T28351. Fixture shall be cULus, DLC listed.

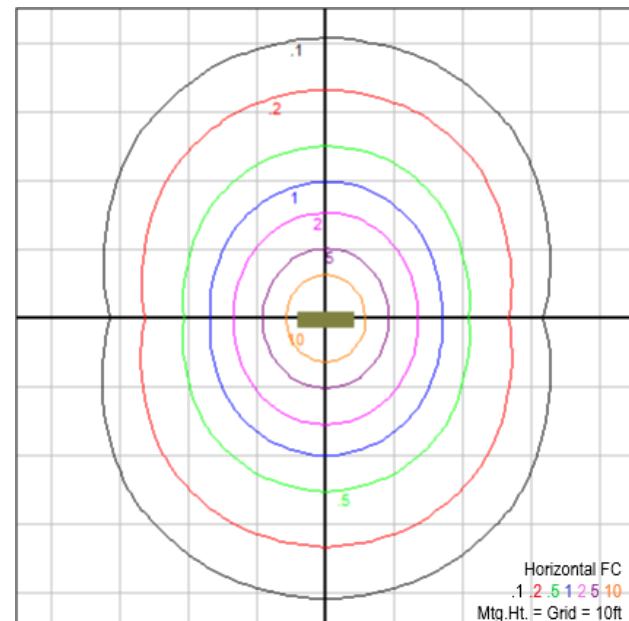


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	179.19	30-40	950.52	60-70	841.76	90-100	68.91	120-130	38.53	150-160	1.77		
10-20	513.49	40-50	1012.91	70-80	623.23	100-110	126.35	130-140	12.02	160-170	1.15		
20-30	780.36	50-60	971.95	80-90	342.17	110-120	77.55	140-150	2.58	170-180	0.49		

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	118	118	118	118	115	115	115	115	108	108	108	103	103	103	97	97	97	95
1	106	100	95	90	102	97	93	88	92	88	85	87	84	81	83	80	78	75
2	95	86	78	72	92	84	77	71	79	73	68	75	70	66	71	67	64	61
3	86	75	66	59	83	73	65	58	69	62	56	66	60	55	62	57	53	51
4	79	66	57	49	76	64	55	49	61	53	48	58	52	46	55	50	45	43
5	72	59	49	42	70	57	48	42	54	47	41	52	45	40	50	44	39	37
6	67	53	43	37	64	51	43	36	49	41	35	47	40	35	45	39	34	32
7	62	48	39	32	60	47	38	32	44	37	31	43	36	31	41	35	30	28
8	57	43	35	29	55	42	34	28	41	33	28	39	32	27	37	31	27	25
9	54	40	31	26	52	39	31	25	37	30	25	36	29	25	35	29	24	22
10	50	37	29	23	49	36	28	23	35	27	23	33	27	22	32	26	22	20

Initial Lumen Output: 6543lm

Luminaire Type: Semi-Direct

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 128.72lm/W

Environmental Rating(s): IP20

Certification Standards: cULus, DLC

CBCP: 1894 CD

UL Classification: Dry Location Only

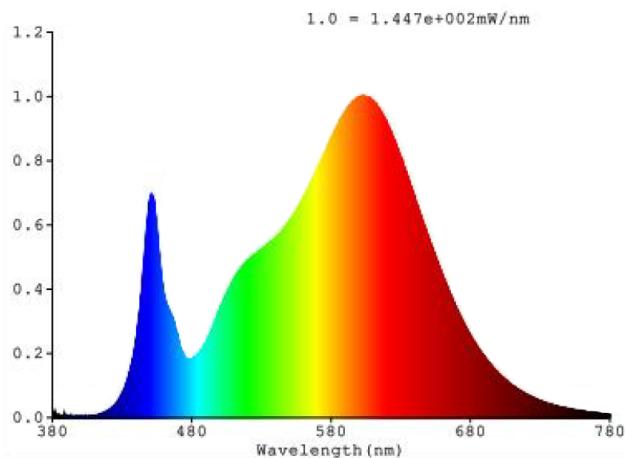
CCN Number: IFAM7.E359675

LED SPECIFICATIONS

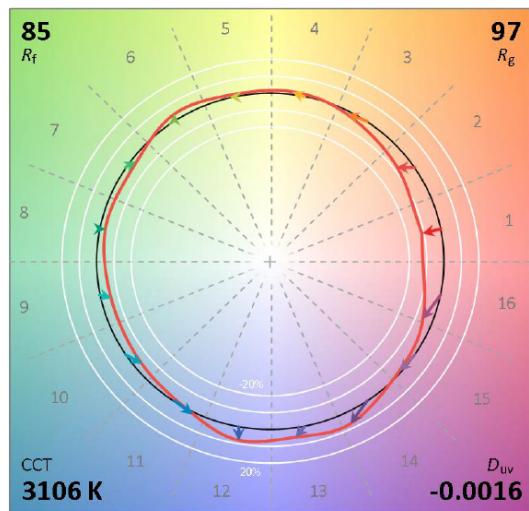
R Tables

R1	81
R2	91
R3	96
R4	81
R5	82
R6	90
R7	82
R8	59
R9	6
R10	81
R11	80
R12	71
R13	84
R14	98
R15	74
Ra	85

SPD



TM-30



Source Type: LED
CRI: >80
L70: 72000 Hrs
Duv: 0.0014

Manufacturer: Shenzhen Runlite
Technology Co. Ltd
Rf: 84
Colour Temperature: 3000K

Part Number: T28351
Rg: 97
Chromaticity: x=0.4274 y=0.3969

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: BeautyPower	Input Voltage: 120~347Vac	Input Frequency: 50-60Hz
Fixture Draw: 51.48W	Current Draw@ 120Vac: 0.42025	Current Draw@ 277Vac:
Current Draw@ 347Vac: 0.14533141210375	Max On-Delay: < 1 S	0.18205776173285
Power Factor @ 347Vac: >.90	THD @ 120Vac(%): <10%	Power Factor @ 120Vac: >.90
THD @ 347Vac(%): <10%	Dimming: 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor	THD @ 277Vac(%): <10%
Short Circuit Protection: Auto Recovery. The output shall return to normal when the fault condition is removed.	Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS	Over Temperature Protection: Auto recovery. Current returns to normal after over temperature is removed.

PHYSICAL SPECIFICATIONS

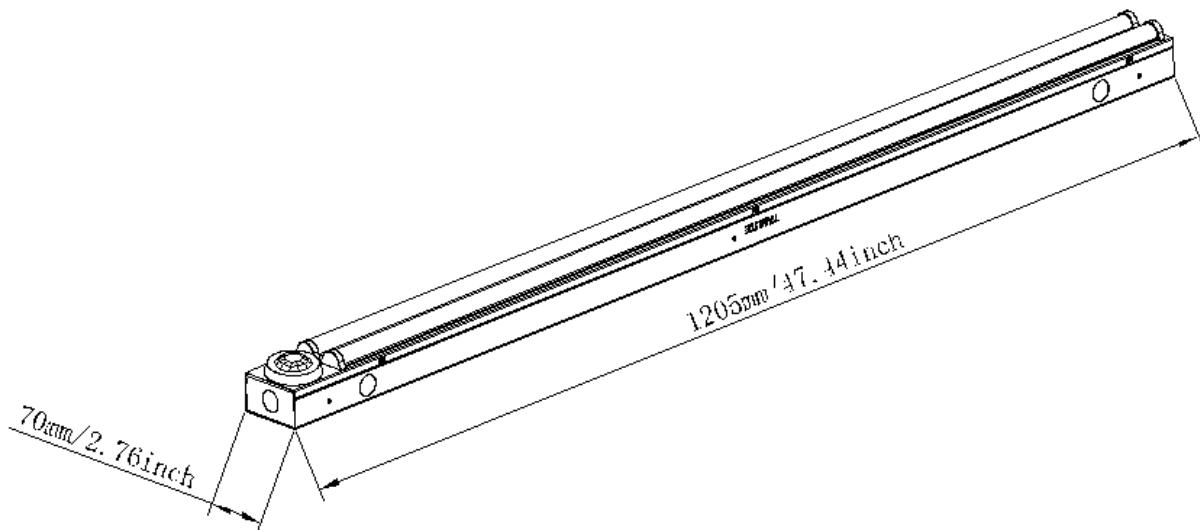
Finish Colour: White	Finish Type: smooth powder coat over chromate conversion coat	Wiring: back and end knock outs with luminaire disconnect
Mounting: surface, suspended	Housing Material: heavy gauge steel	Lens Material: PMMA
Lens Type: frosted	Reflector Material: painted steel	Entries: Knockouts, ends and backside

SHIPPING INFORMATION

Ordering Code(s): TLSF45030K-WRV	Box Quantity: 1	Box Dimensions (L-W-H): 1210 x 80 x 90 mm
Carton Quantity: 6		

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLSF													
Part	Length	Wattage		CCT		Mounting		Voltage		Finish		Options	
TLSF	4 FT	50	50W	30K	3000K	[Blank]	Surface	WRV	120-347VAC	[Blank]	White	[Blank]	None
	8 FT	100	100W	35K	3500K							EM	Emergency Battery Backup
				40K	4000K								
				50K	5000K								

Optional Extras: Z10-IROC-DIM, EM-HBOS, TLSF4-RFWH, TLSF4-COMWG