



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

SERIES SPECIFICATIONS

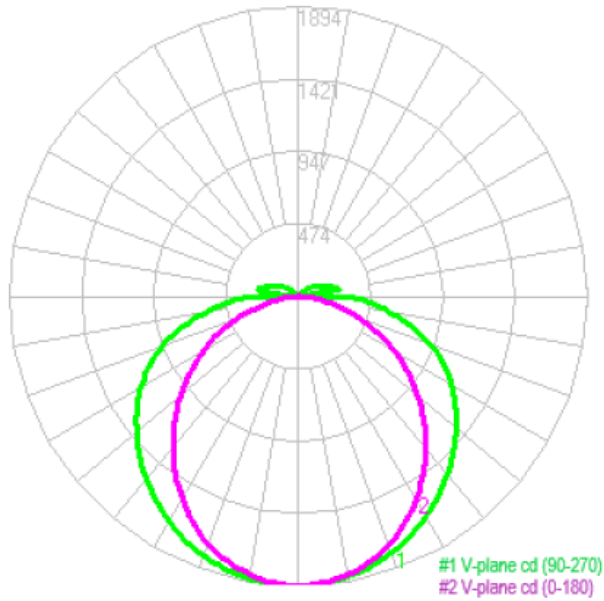


To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120~347Vac and use a 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth 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.

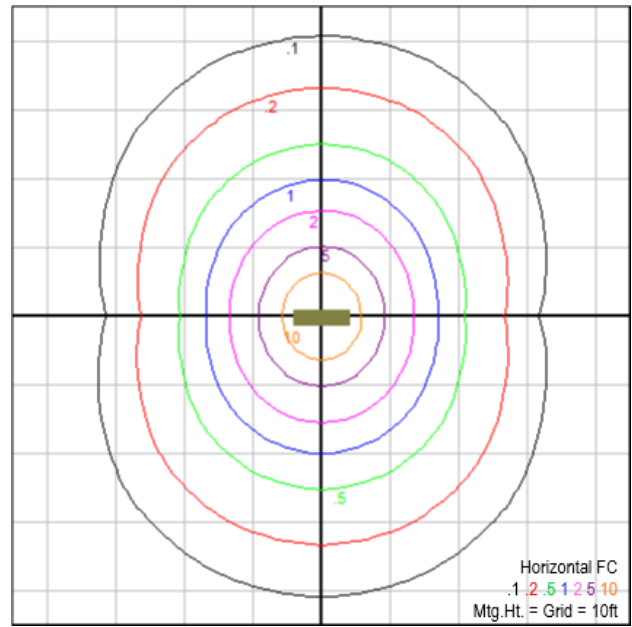


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
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

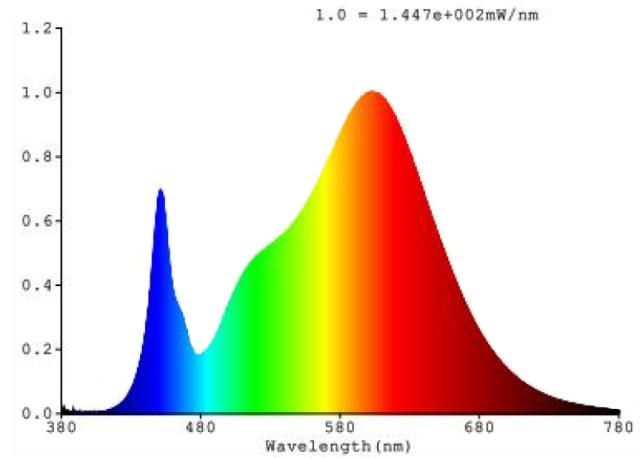
CCN Number: IFAM7.E359675

LED SPECIFICATIONS

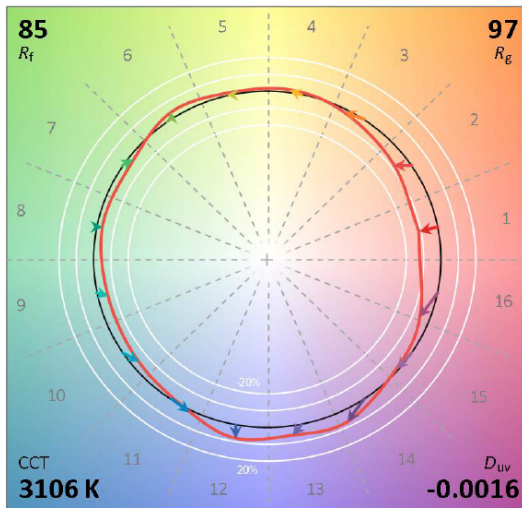
R Tables

R1	81	R9	6
R2	91	R10	81
R3	96	R11	80
R4	81	R12	71
R5	82	R13	84
R6	90	R14	98
R7	82	R15	74
R8	59	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
Fixture Draw: 51.48W
Current Draw@347Vac:
0.14533141210375
Power Factor @347Vac: >.90
THD @347Vac(%): <10%
Short Circuit Protection: Auto Recovery.
The output shall return to normal when the
fault condition is removed.

Input Voltage: 120~347Vac
Current Draw@ 120Vac: 0.42025
Max On-Delay: < 1 S
THD @ 120Vac(%): <10%
Dimming: 1-10Vdc, (10% Min Light Level),
with optional Z10-IROC Occupancy Sensor
Driver Certifications: c-RU-us Class 2,
FCC Part 15 Class B, RoHS

Input Frequency: 50-60Hz
Current Draw@ 277Vac:
0.18205776173285
Power Factor @120Vac: >.90
THD @277Vac(%): <10%
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

Finish Type: smooth 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
Entries: Knockouts, ends and backside

SHIPPING INFORMATION

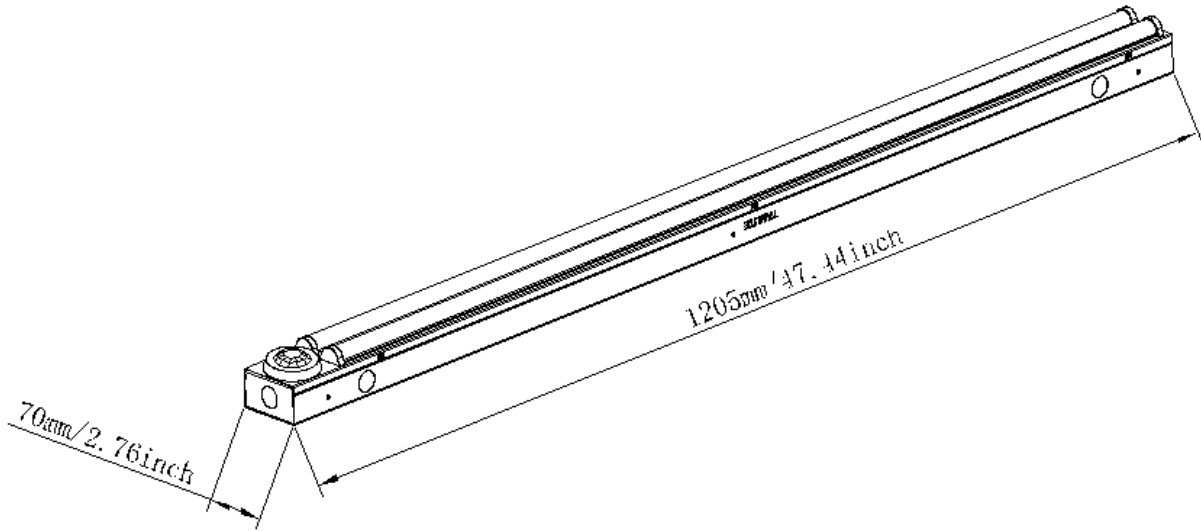
OrderingCode(s): TLSF45030K-WRV
Carton Quantity: 6

Box Quantity: 1

Box Dimensions (L-W-H): 1210 x 80 x 90
mm

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

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

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