



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

SERIES SPECIFICATIONS

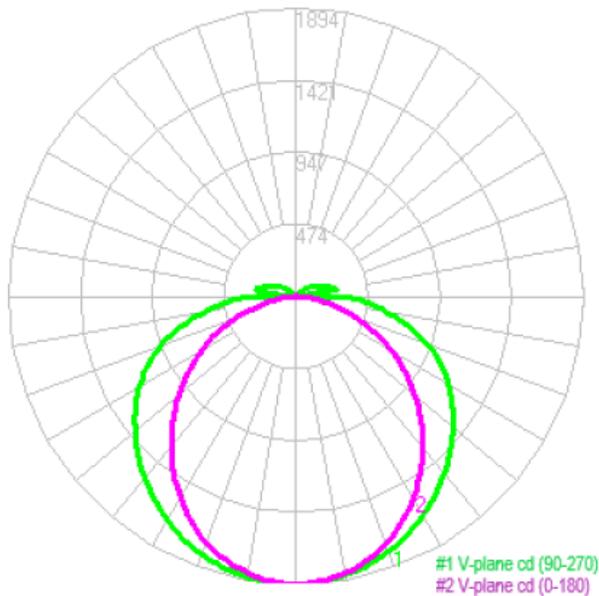


To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120~347Vac and use a 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth 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 lens. LED's shall be as specified Shenzhen Runlite Technology Co. Ltd T28351. Fixture shall be cULus, DLC listed.

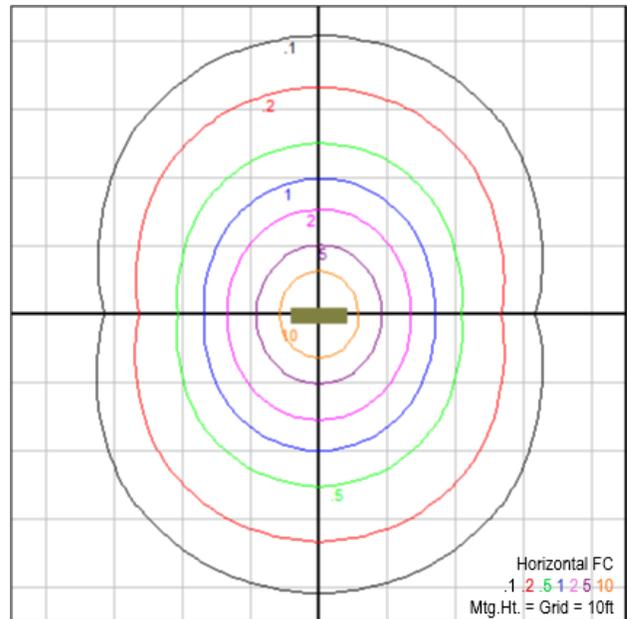


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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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

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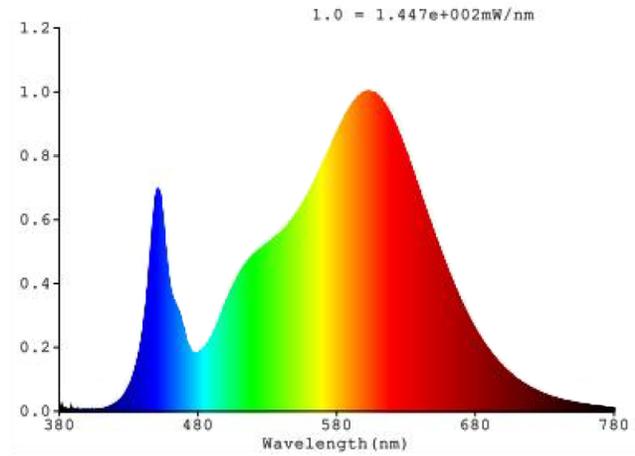
LED SPECIFICATIONS

R Tables

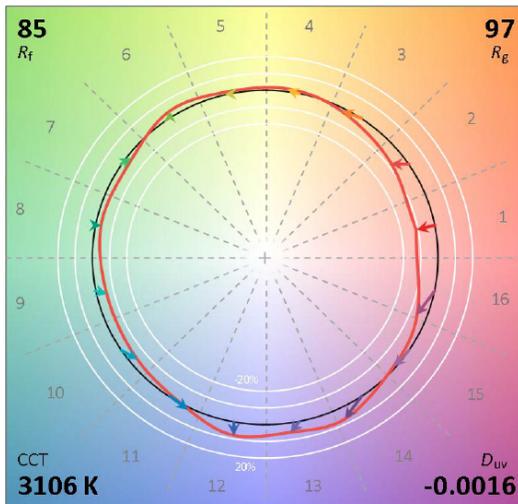
R1	81
R2	91
R3	96
R4	81
R5	82
R6	90
R7	82
R8	59

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



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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

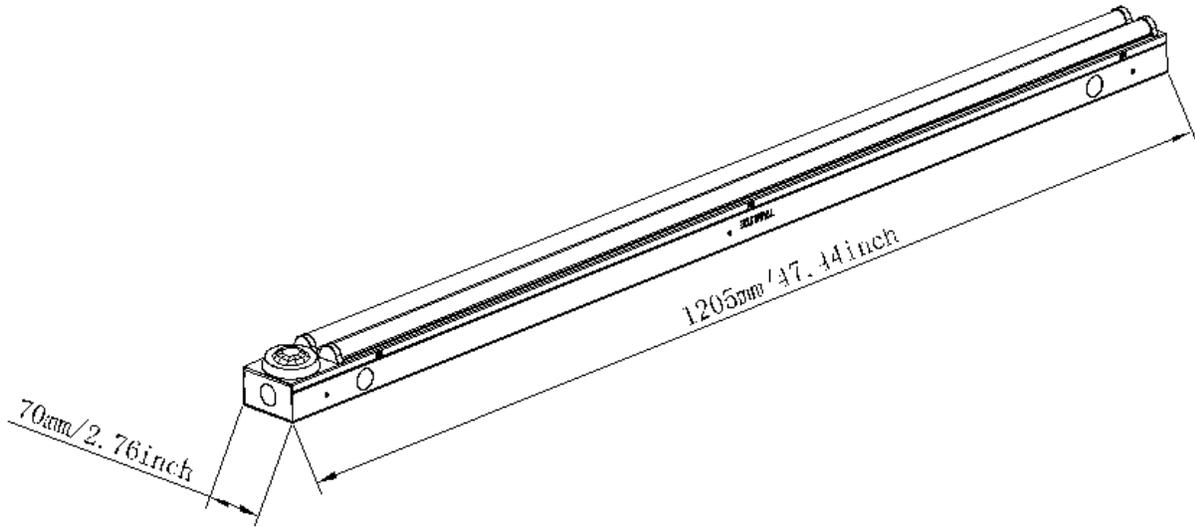
Box Quantity: 1

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

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LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

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

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