

Project:	
Location:	
Model#: TLSF810030K-WRV	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

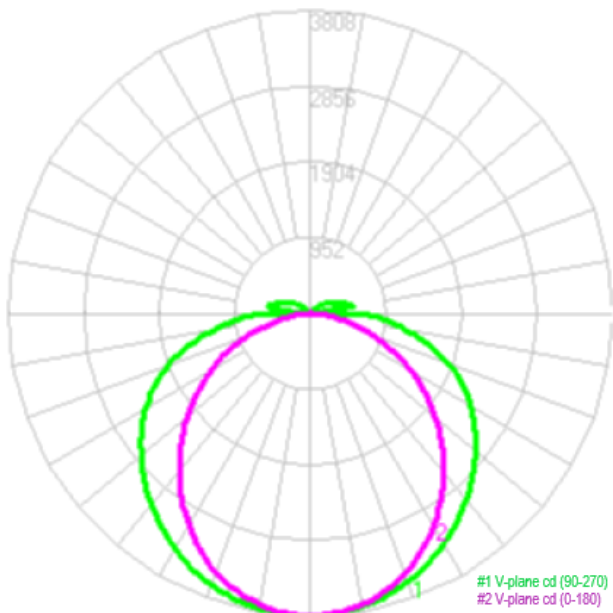


To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120~347Vac and use a 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth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

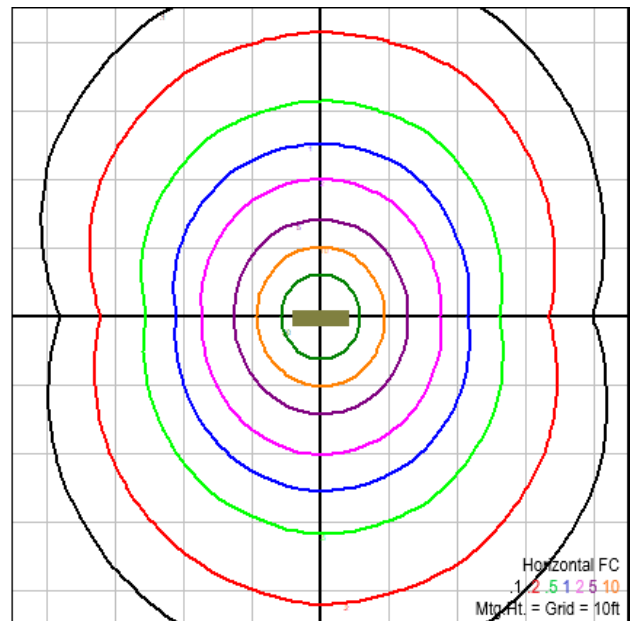


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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### Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	360.17	30-40	1910.55	60-70	1691.93	90-100	138.51	120-130	77.45	150-160	3.57
10-20	1032.12	40-50	2035.95	70-80	1252.69	100-110	253.96	130-140	24.16	160-170	2.31
20-30	1568.53	50-60	1953.61	80-90	687.76	110-120	155.88	140-150	5.19	170-180	0.98

### Co-efficient of Utilization

CC	80				70				50			30			10			0
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
fc	20				20				20			20			20			0
RCR																		
0	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92
1	105	99	94	89	101	96	91	87	90	86	83	85	81	79	80	77	75	72
2	94	85	77	71	91	82	75	69	77	71	66	73	68	63	68	64	61	58
3	85	74	65	58	82	71	63	56	67	60	54	63	57	52	60	55	50	48
4	78	65	55	48	75	63	54	47	59	52	46	56	49	44	53	47	43	40
5	71	57	48	41	68	56	47	40	53	45	39	50	43	38	47	41	37	34
6	66	51	42	35	63	50	41	35	47	40	34	45	38	33	43	37	32	30
7	61	47	37	31	58	45	37	31	43	35	30	41	34	29	39	33	28	26
8	56	42	33	27	54	41	33	27	39	32	26	37	31	26	36	30	25	23
9	53	39	30	25	51	38	30	24	36	29	24	34	28	23	33	27	23	21
10	49	36	28	22	47	35	27	22	33	26	21	32	25	21	30	25	20	19

**Initial Lumen Output:** 13151lm

**Luminaire Type:** Semi-Direct

**Ambient Operating Temp:** -20C to +40C

**Limited Product Warranty:** 5 Year(s)

**Efficacy:** 129.31lm/W

**Environmental Rating(s):** IP20

**Certification Standards:** cULus, DLC

**CBCP:** 3808cd

**UL Classification:** Dry Location Only

**CCN Number:** IFAM7.E359675

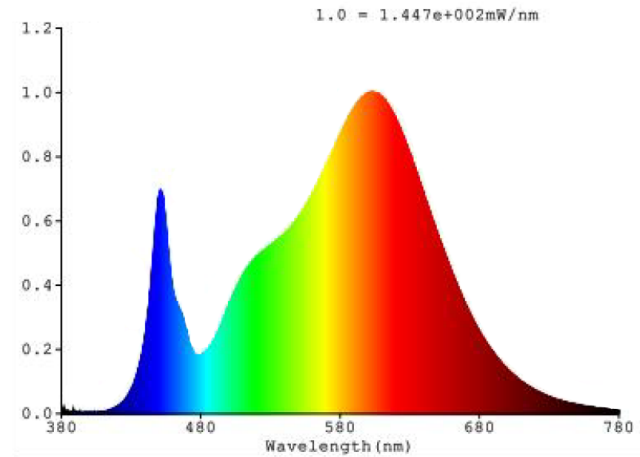
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## LED SPECIFICATIONS

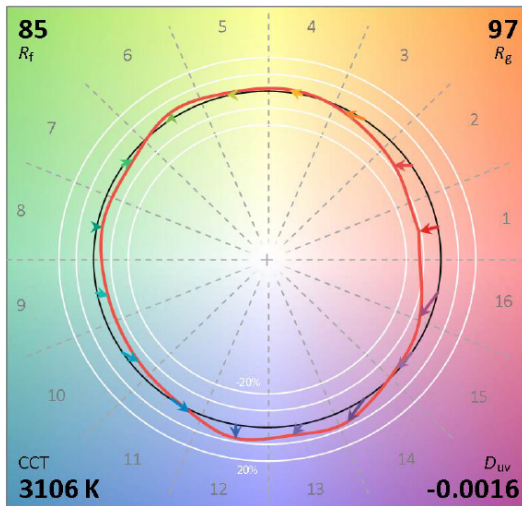
### R Tables

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:** 50000 Hrs  
**Duv:** 0.0014

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

**Part Number:** T28351  
**Rg:** 96  
**Chromaticity:** x=0.4274 y=0.3969



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#### ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** BeautyPower  
**Fixture Draw:** 102.4W  
**Current Draw@347Vac:** 0.2865  
**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:** 0.8283  
**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:** 0.3588  
**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):** TLSF810030K-WRV  
**Carton Quantity:** 6

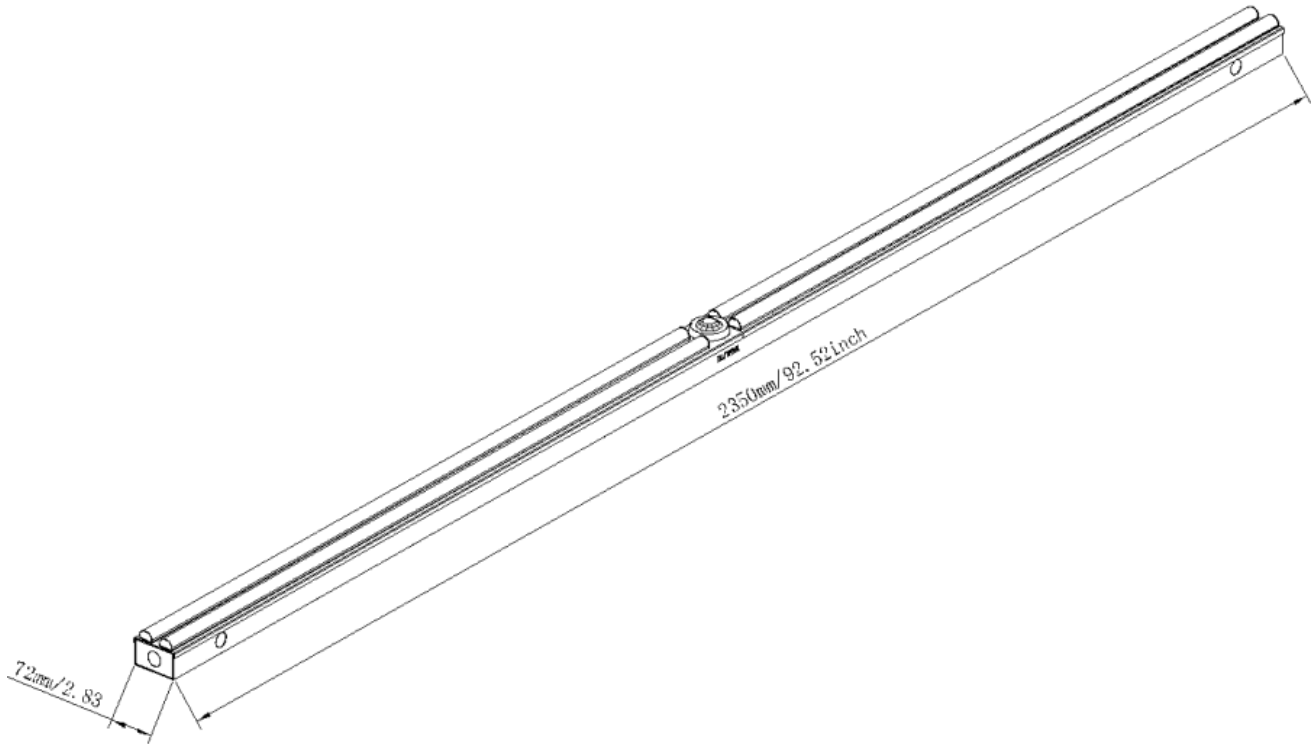
**Box Quantity:** 1

**Box Dimensions (L-W-H):** 2355 x 80 x 90 mm

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## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

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

**Optional Extras:** Z10-IROC-DIM, EM-HBOS, TLSF4-RFWHx2, TLSF8-COMWG