

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

## SERIES SPECIFICATIONS

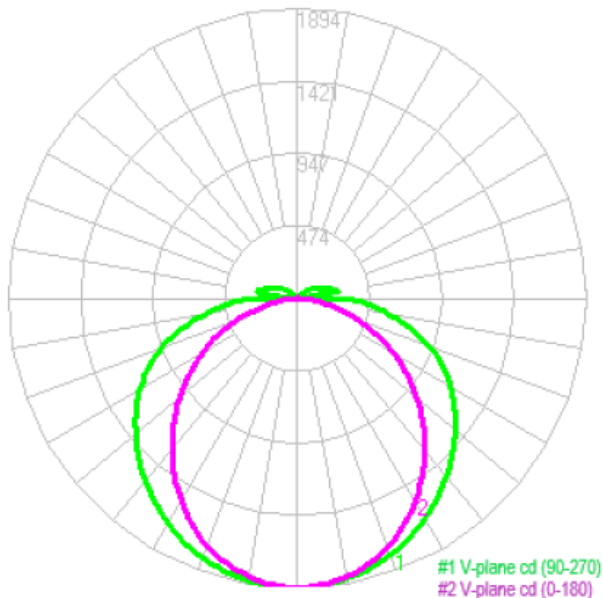


To supply TamLite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120~347Vac and use a 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth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

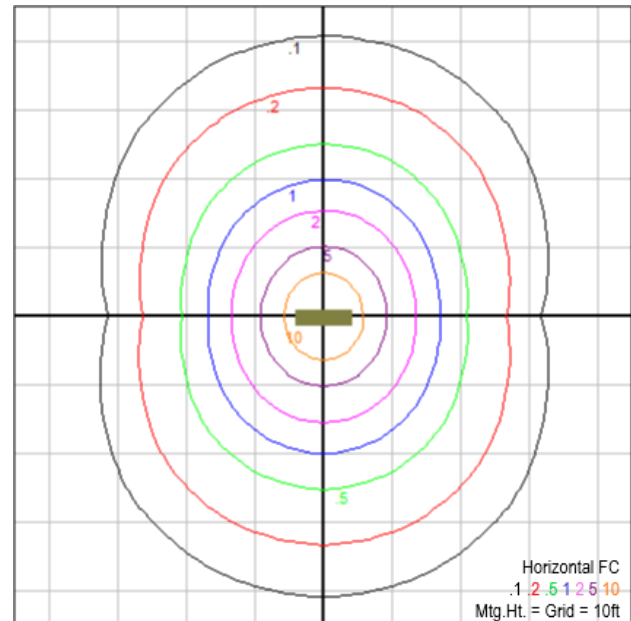


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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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

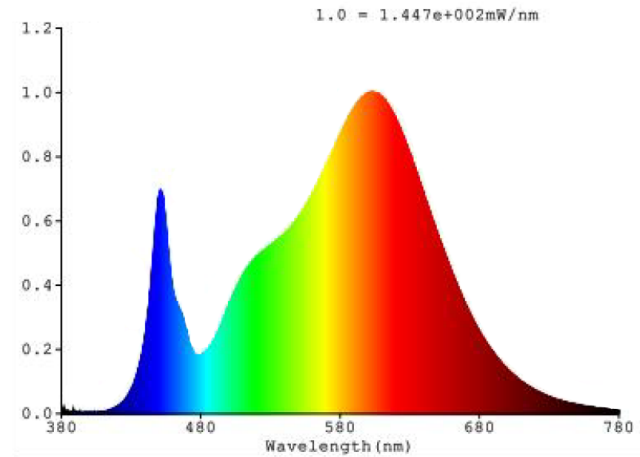
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## LED SPECIFICATIONS

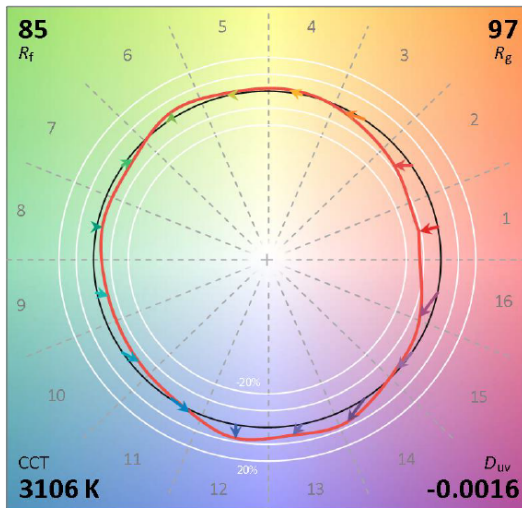
### R Tables

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

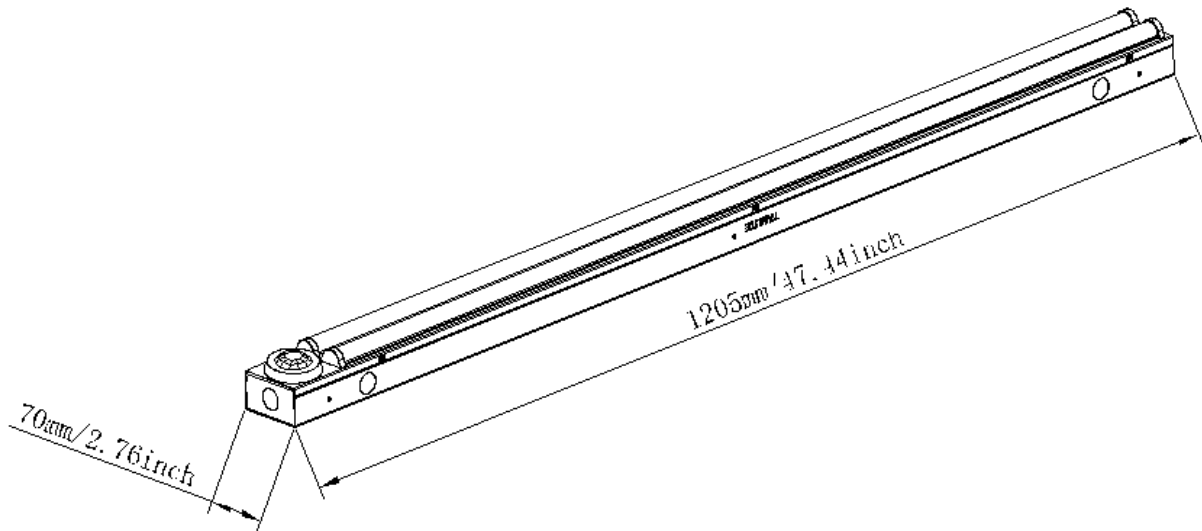
**Box Quantity:** 1

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

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## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

TLSF - - - - -													
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								
				40K	4000K								
				50K	5000K								
												EM	Emergency Battery Backup

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