

Project:											
Location:											
Model#: TLSF810030K-UN4	Туре:										
Client:	Qty:										
Prepared by:	Date:										

#### **SERIES SPECIFICATIONS**



To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) 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. 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 UL Safety US-CA, DLC listed.











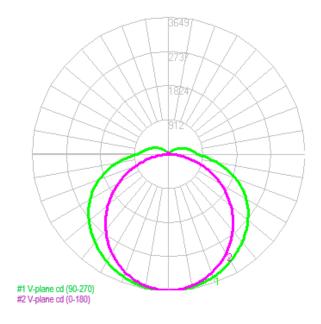




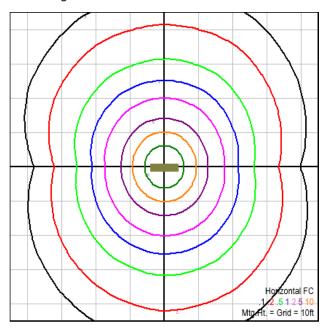


# PERFORMANCE SPECIFICATIONS

#### **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	344.87	30-40	1895.81	60-70	1786.99	90-100	440.4	120-130	99.59	150-160	15.93
10-20	994.16	40-50	2064.36	70-80	1354.07	100-110	308.07	130-140	43.31	160-170	10.37
20-30	1529.44	50-60	2027.99	80-90	789.67	110-120	189.52	140-150	20.46	170-180	3.65

#### **Co-efficient of Utilization**

СС		8	0		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		2	0		20			20			20			20			0	
RCR	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: 13012lm Luminaire Type: Semi-Direct Ambient Operating Temp: -20C to +40C

CCN Number: IFAM7.E359675

Efficacy: 127.07lm/W Environmental Rating(s): IP20 Certification Standards: UL Safety US-

CA, DLC

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

**CBCP:** 3648cd

**UL Classification:** Dry Location Only

**DLC Number: PR79RNAN** 



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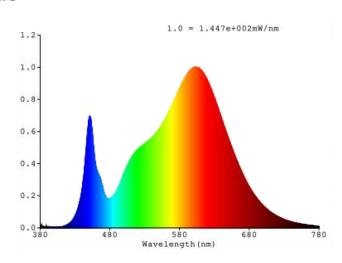
# LED SPECIFICATIONS

# R Tables

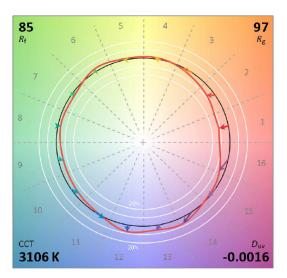
#### R1 81 R2 91 R3 96 R4 81 R5 82 R6 90 R7 82 59 R8

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:** 50000 Hrs

**Chromaticity:** x=0.4310 y=0.3995

Manufacturer: Shenzhen Runlite

Technology Co. Ltd

**Rf:** 84

**L90:** 36,000 Hrs **Duv:** 0.0014

Part Number: T28351

**Rg:** 96

Colour Temperature: 3000K



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# **ELECTRICAL SPECIFICATIONS**

Driver Manufacturer: BeautyPower

Fixture Draw: 102.4W

**Over Temperature Protection:** Auto recovery. Current returns to normal after

over temperature is removed.

Input Voltage: 347Vac Max On-Delay: < 1 S

**Short Circuit Protection:** Auto Recovery.

The output shall return to normal when the

fault condition is removed.

Input Frequency: 50-60Hz

**Dimming:** 1-10Vdc, (10% Min Light Level) **Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

#### 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-UN4

 Carton Quantity: 6
 Box Quantity: 1
 Box Dimensions (L-W-H): 2355 x 80 x 90

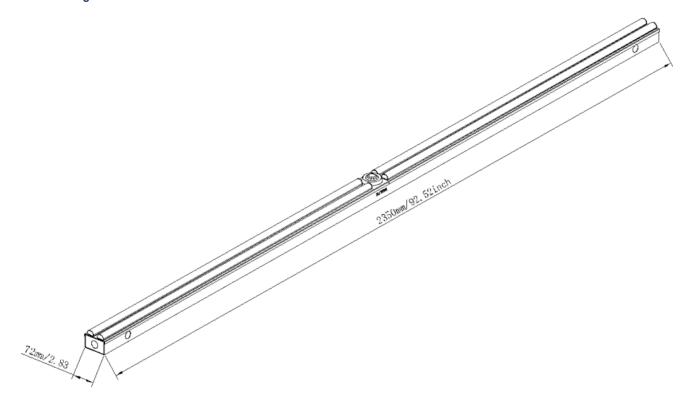
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# LINE DRAWING

# **Line Drawings**



# SERIES ARCHITECTURE

# **Series Architecture**

TLSF														
Part	Lenç	jth	Watt	age	CCT		Mountir	ng	Volta	ge	Finish		Options	
TLSF	4 4F	T		50W		3000K	[Blank]	Surface	WRV	120~347VAC	[Blank]	White	[Blank]	None
	8 8F	T	100	100W		3500K							EM	Emergency Battery Backup
						4000K								
					50K	5000K								

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