

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

#### **SERIES SPECIFICATIONS**



To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120-277Vac 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. 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 UL Safety US-CA, DLC listed.











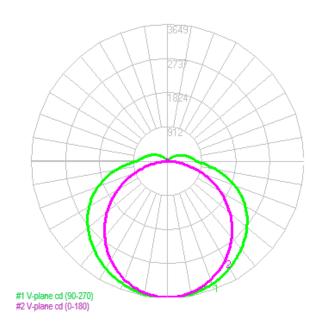




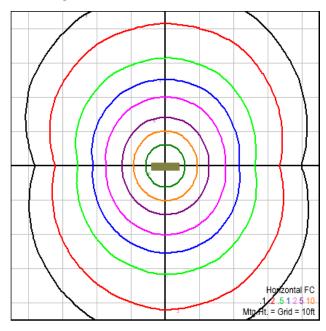


#### PERFORMANCE SPECIFICATIONS

#### **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	20					2	0			20			20			20		
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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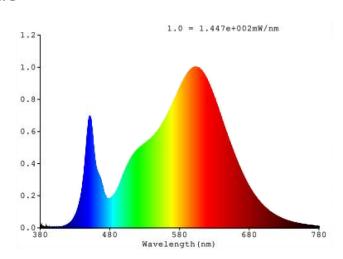
# LED SPECIFICATIONS

# R Tables

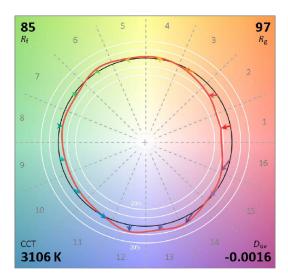
#### R1 81 R2 91 R3 96 R4 81 R5 82 R6 90 R7 82 59 R8

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

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

FCC Part 15 Class B, RoHS

Input Voltage: 120~277Vac Max On-Delay: < 1 S

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

over temperature is removed.

Input Frequency: 50-60Hz
Power Factor @120Vac: >.90

**Short Circuit Protection:** Auto Recovery. The output shall return to normal when the

fault condition 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-UNV

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

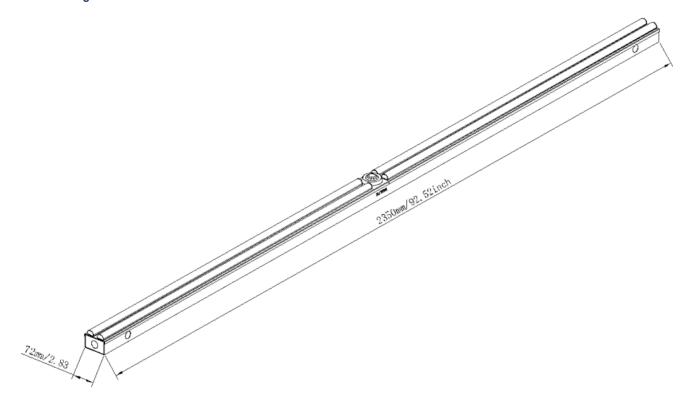
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# LINE DRAWING

# **Line Drawings**



# SERIES ARCHITECTURE

# **Series Architecture**

TLSF	_													
Part	L	ength	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-RFWHx2, TLSF8-COMWG