

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

SERIES SPECIFICATIONS

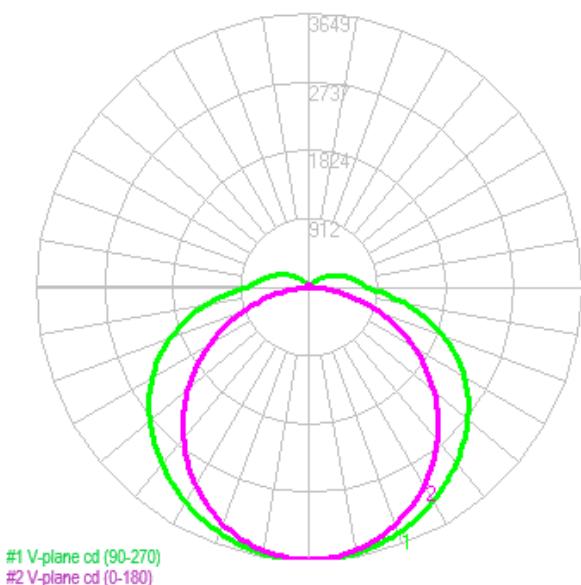


To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth powder coat over chromate conversion coat. 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.

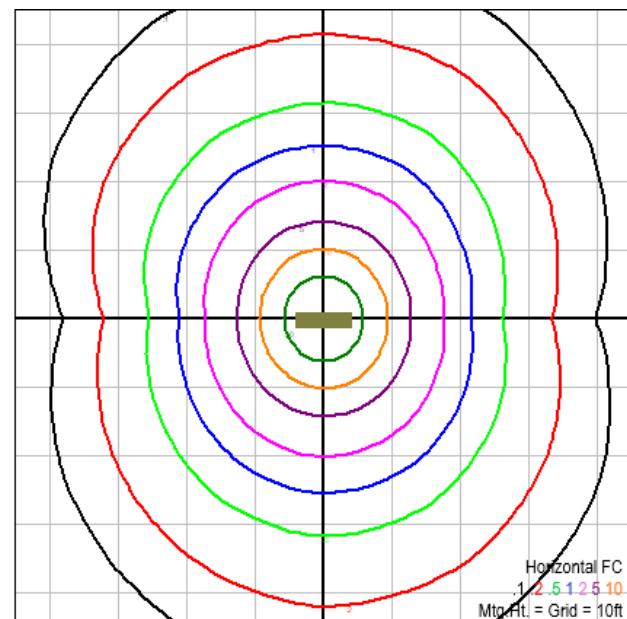


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



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

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	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: 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

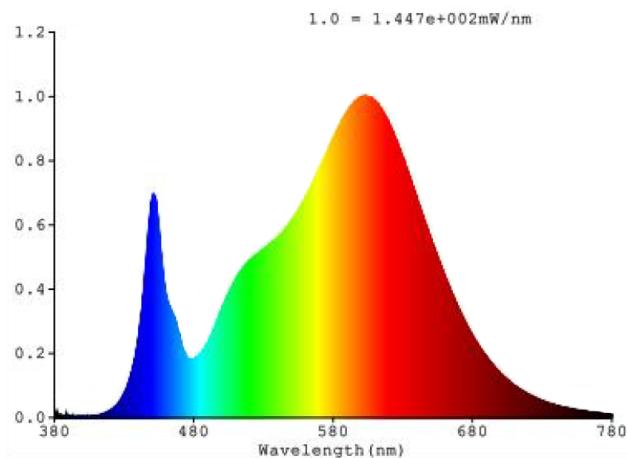
LED SPECIFICATIONS

R Tables

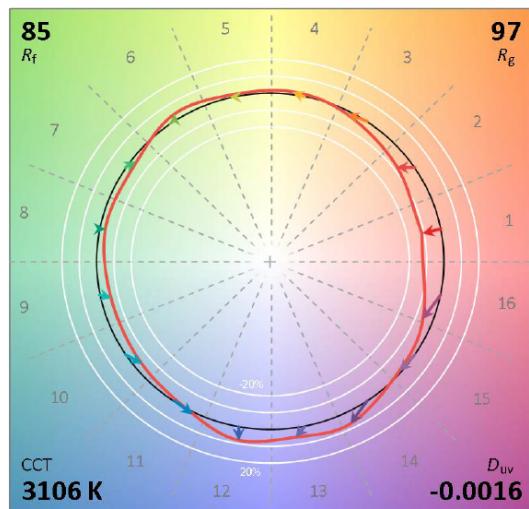
R1	81
R2	91
R3	96
R4	81
R5	82
R6	90
R7	82
R8	59

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: 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

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

Ordering Code(s): TLSF810030K-UN4

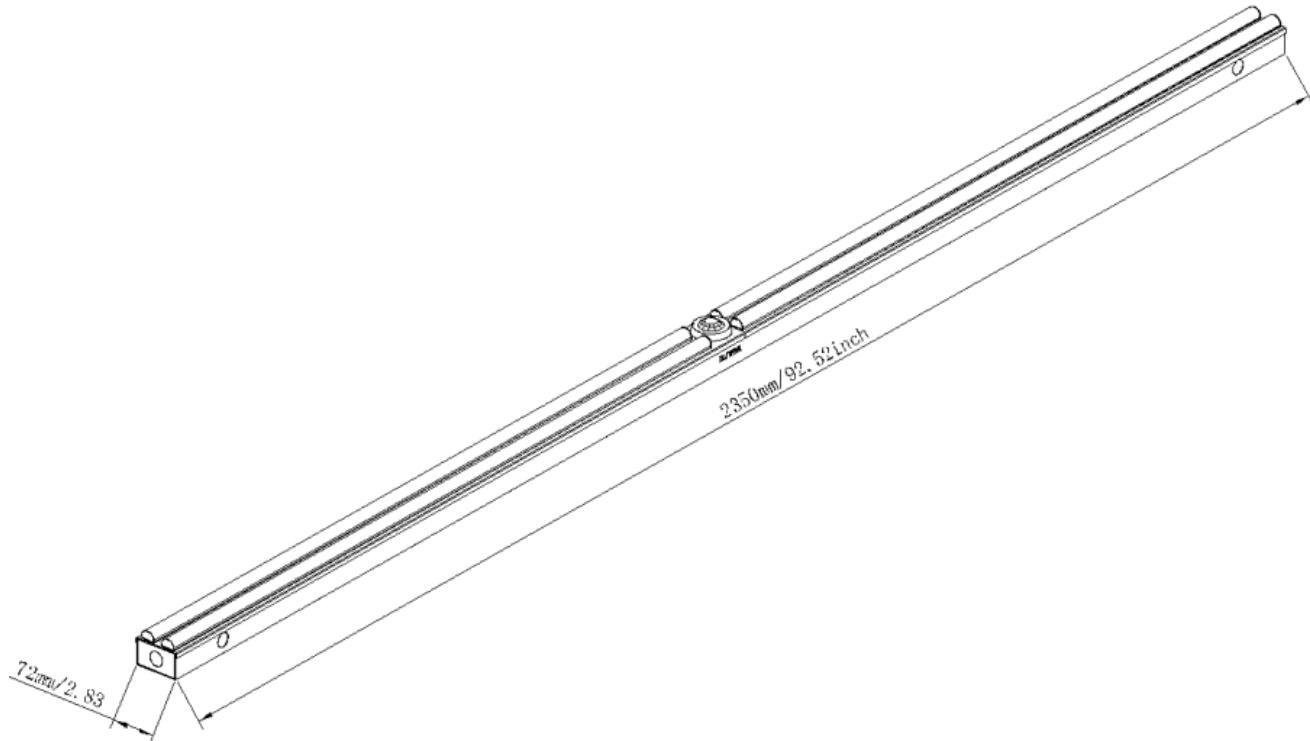
Carton Quantity: 6

Box Quantity: 1

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

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

TLSF															
Part	Length	Wattage		CCT		Mounting		Voltage		Finish		Options			
		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