TAMLITE LIGHTING

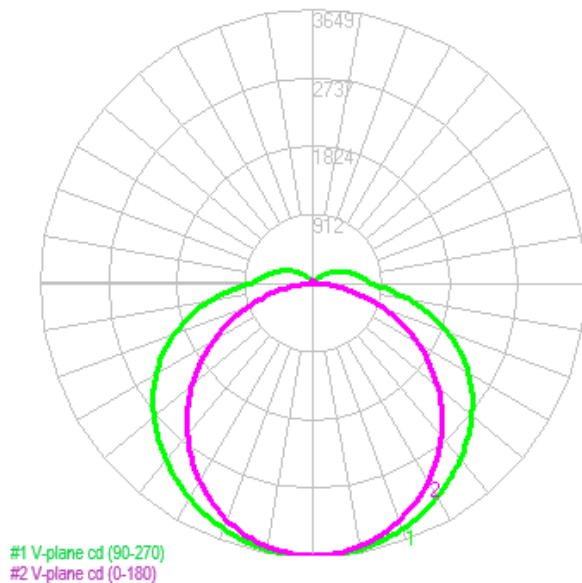| Project:	
Location:	
Model#: TLSF810030K-UN4	Type:
Client:	Qty:
Prepared by:	Date:

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.
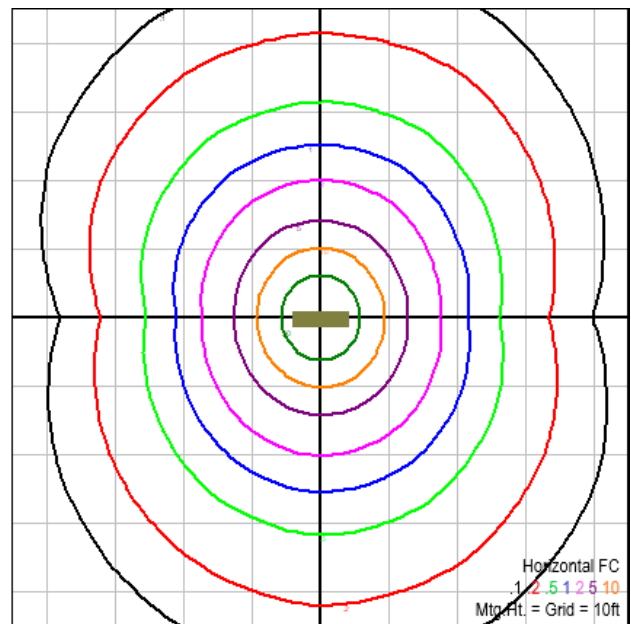
cULus LISTED · DLC LISTED · IP20 · DRY LOCATION · 3000K · 5 YEAR LIMITED WARRANTY · LED · RoHS COMPLIANT · MADE TO ORDER

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

#1 V-plane cd (90-270)
#2 V-plane cd (0-180)

Isolux Diagram

Horizontal FC
.1 .2 .5 1 2 5 10
Mtg. Ht. = Grid = 10ft

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

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	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
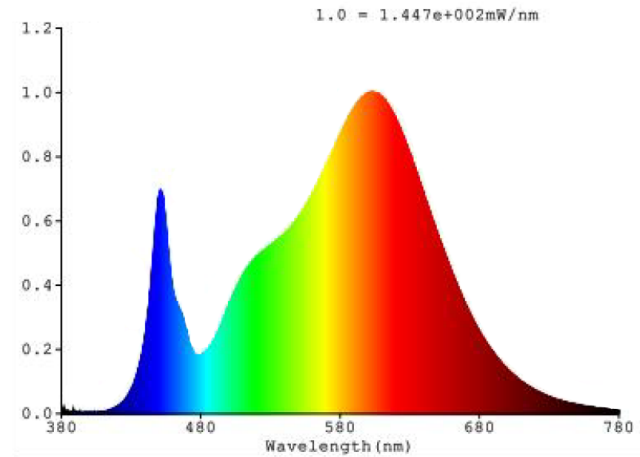
UL Classification: Dry Location Only

DLC Number: PR79RNAN

Project:

Location:

Model#: TLSF810030K-UN4

Type:

Client:

Qty:

Prepared by:

Date:

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

$1.0 = 1.447e+002mW/nm$

TM-30

85 R_f

97 R_g

CCT 3106 K
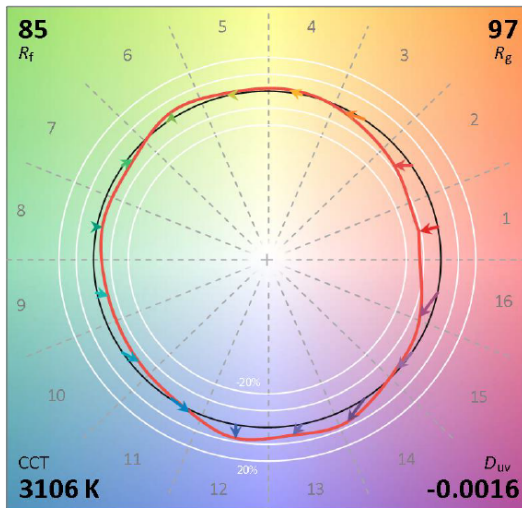
D_{uv} -0.0016

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
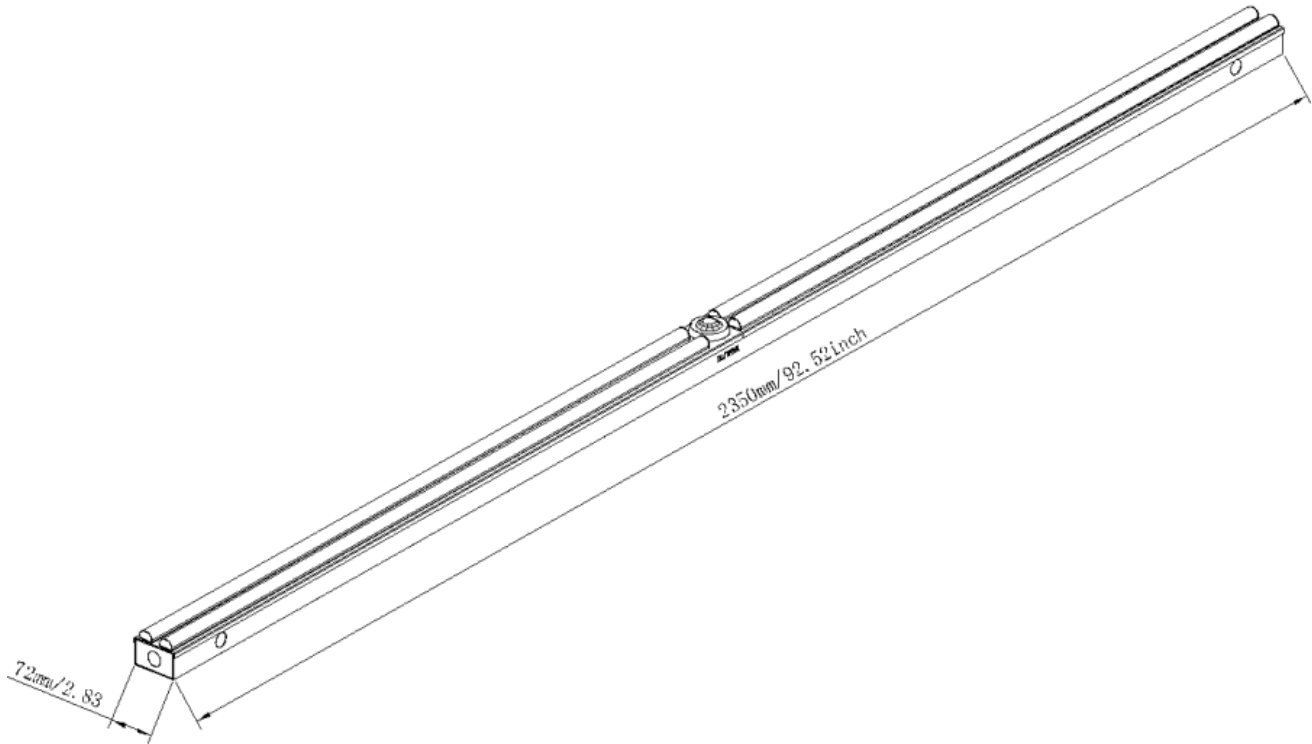
OrderingCode(s): TLSF810030K-UN4

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	
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