

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

SERIES SPECIFICATIONS

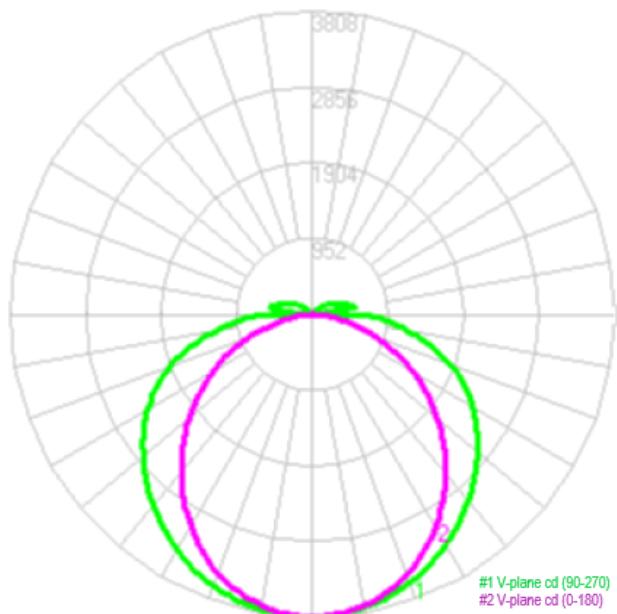


To supply Tamlite TLSF Series of LED fixtures as specified. The luminaire shall operate at 120~347Vac and use a 1-10Vdc, (10% Min Light Level), with optional Z10-IROC Occupancy Sensor dimmable, constant current type BeautyPower driver. The housing shall be constructed of heavy gauge steel with a smooth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

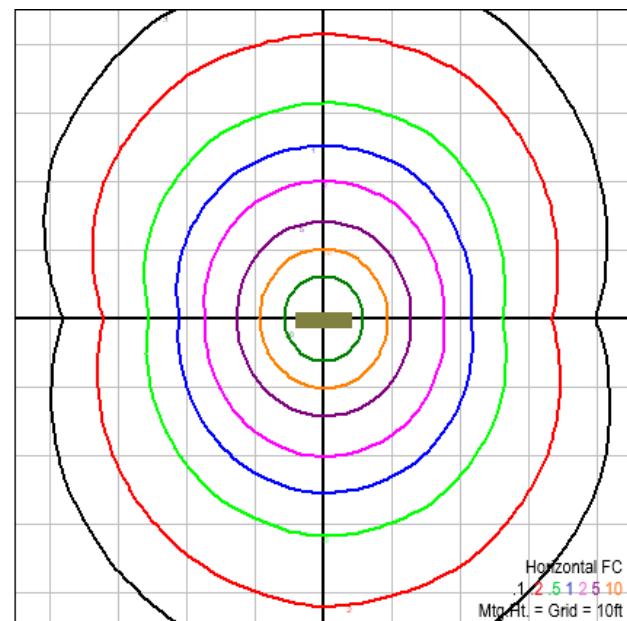


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	360.17	30-40	1910.55	60-70	1691.93	90-100	138.51	120-130	77.45	150-160	3.57
10-20	1032.12	40-50	2035.95	70-80	1252.69	100-110	253.96	130-140	24.16	160-170	2.31
20-30	1568.53	50-60	1953.61	80-90	687.76	110-120	155.88	140-150	5.19	170-180	0.98

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: 13151lm

Luminaire Type: Semi-Direct

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 129.31lm/W

Environmental Rating(s): IP20

Certification Standards: cULus, DLC

CBCP: 3808cd

UL Classification: Dry Location Only

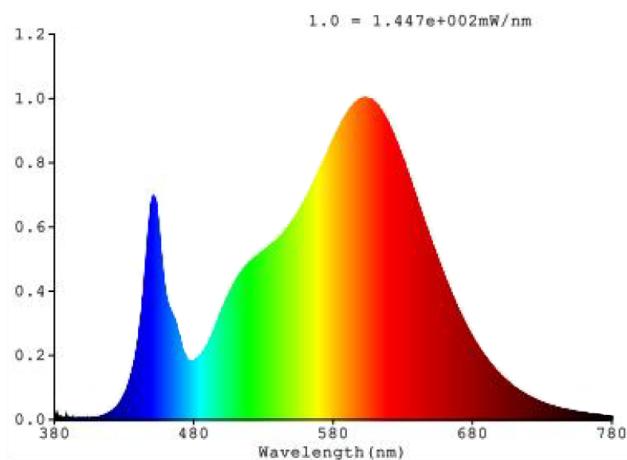
CCN Number: IFAM7.E359675

LED SPECIFICATIONS

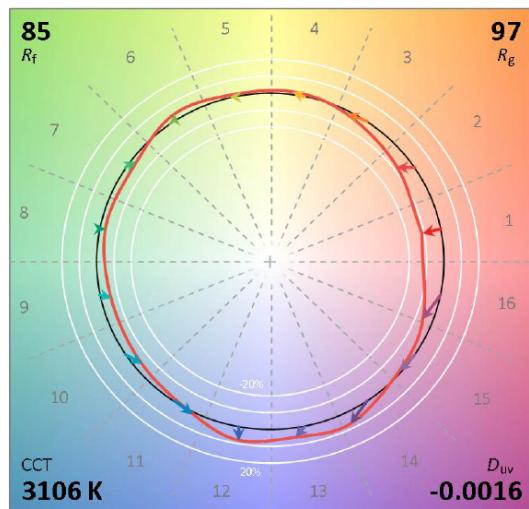
R Tables

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
Duv: 0.0014

Manufacturer: Shenzhen Runlite Technology Co. Ltd
Rf: 84
Colour Temperature: 3000K

Part Number: T28351
Rg: 96
Chromaticity: x=0.4274 y=0.3969

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: BeautyPower

Fixture Draw: 102.4W

Current Draw@347Vac: 0.2865

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: 0.8283

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: 0.3588

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): TLSF810030K-WRV

Carton Quantity: 6

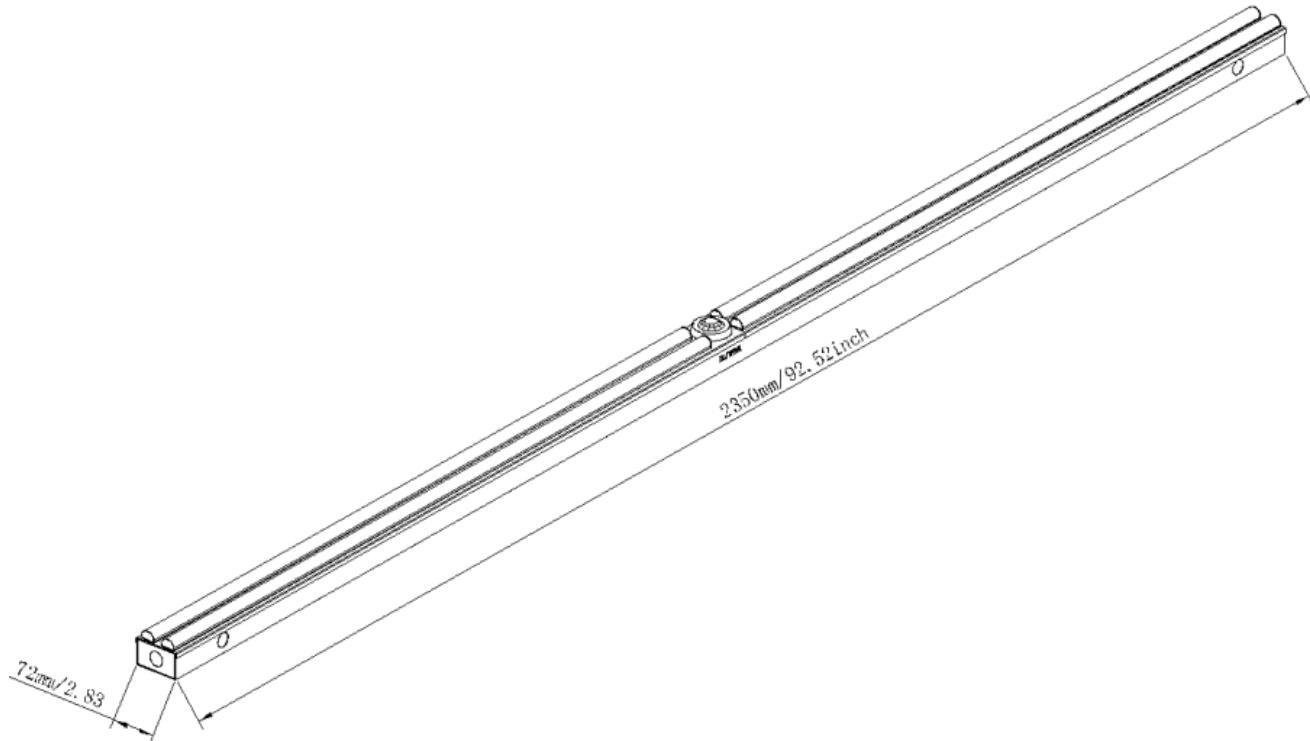
Box Quantity: 1

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 FT	50	50W	30K	3000K	[Blank]	Surface	WRV	120-347VAC	[Blank]	White	[Blank] None
	8 FT	100	100W	35K	3500K							EM Emergency Battery Backup
				40K	4000K							
				50K	5000K							

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