



| | |
|-------------------------|-------|
| 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

Horizontal FC

1 2 5 10 20 50 100

Mtg Ht. = Grid = 10ft

| 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

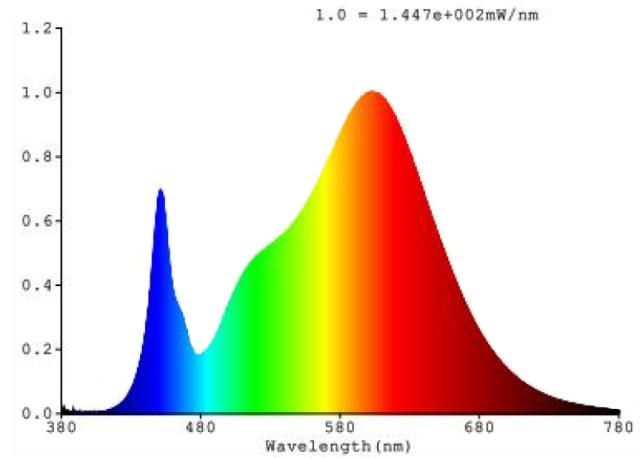
DLC Number: PR79RNAN

LED SPECIFICATIONS

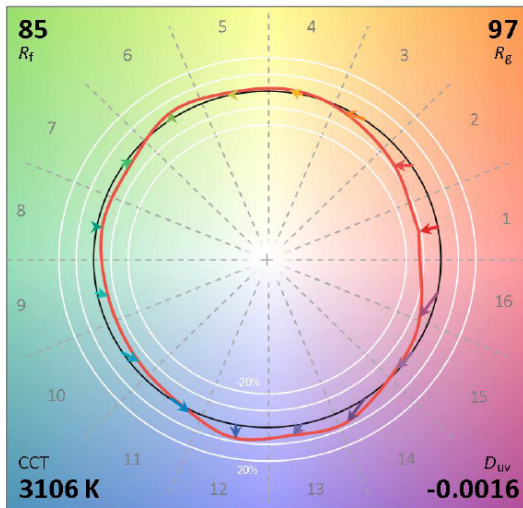
R Tables

| | | | |
|-----------|----|------------|----|
| 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



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

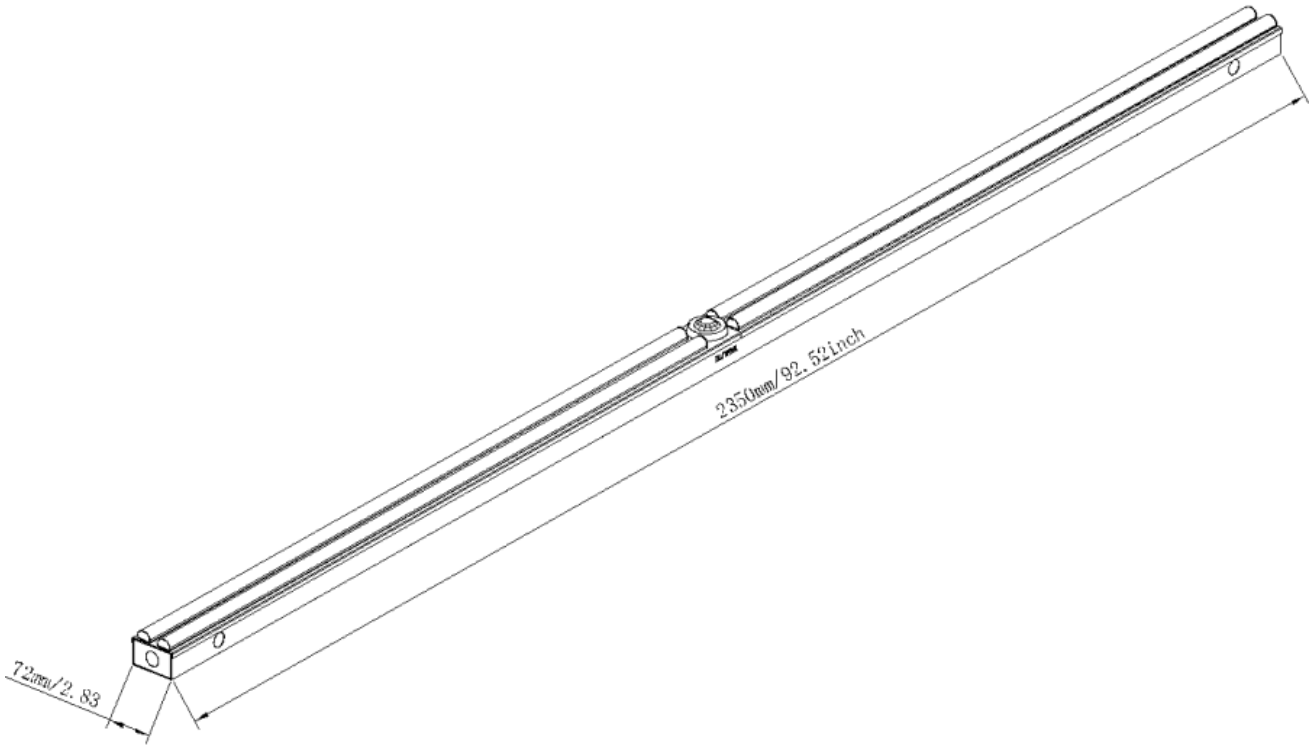
OrderingCode(s): TLSF810030K-UN4
Carton Quantity: 6

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 | | Options |
| TLSF | 4 | 4FT | 50 | 50W | 30K | 3000K | [Blank] | Surface | WRV | 120-347VAC | [Blank] EM |
| | 8 | 8FT | 100 | 100W | 35K | 3500K | | | | | |
| | | | | | 40K | 4000K | | | | | |
| | | | | | 50K | 5000K | | | | | |
| | | | | | | | | | | | None Emergency Battery Backup |

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