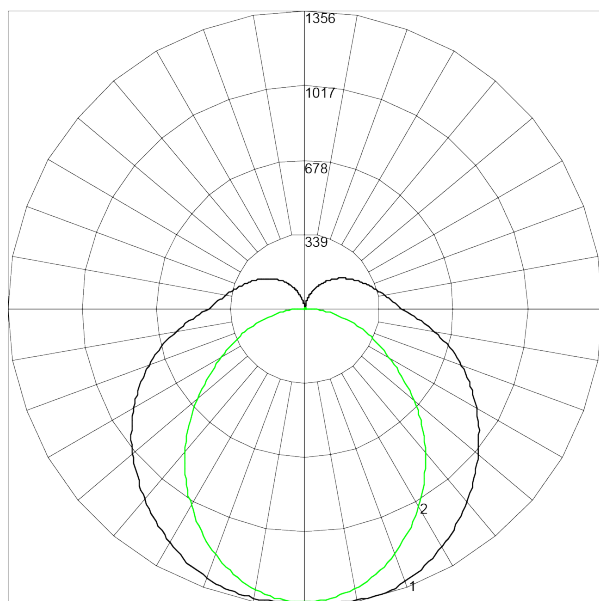




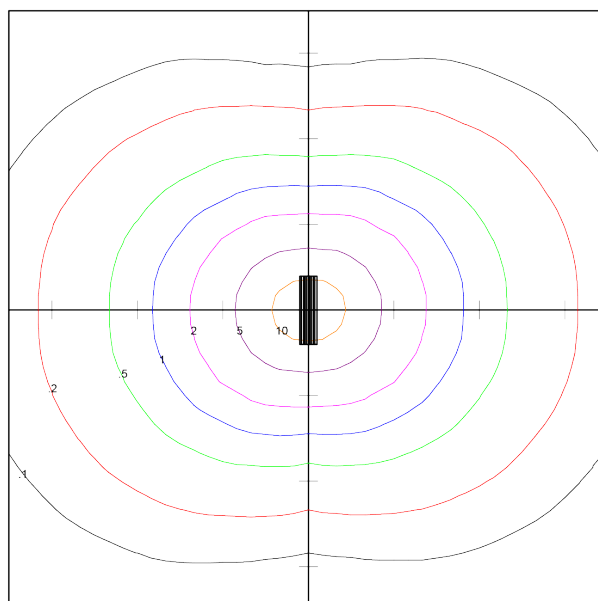



Luminance Distribution Chart



Maximum Candela = 1356.18 Located At Horizontal Angle = 10, Vertical Angle = 12
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



Tamlite Lighting
TLNR44030K-UNV
Tamlite 4FT LED Wrap Fixture

Horizontal Footcandles
Scale: 1 Inch = 10 Ft.
Light Loss Factor = 1.00
Lumens Per Lamp = 5663
Total Lamp Lumens = 5663
Mounting Height = 10.00 Ft
Maximum Calculated Value = 13.38 Fc
Arrangement: Single



| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLNR44030K-UNV | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

Zonal Lumen Summary

| ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS |
|-------|--------|-------|--------|---------|--------|---------|--------|---------|--------|
| 0-10 | 127.24 | 40-50 | 732.69 | 80-90 | 372.5 | 120-130 | 126.76 | 160-170 | 7.13 |
| 10-20 | 367.94 | 50-60 | 711.25 | 90-100 | 267.36 | 130-140 | 86.63 | 170-180 | 0.77 |
| 20-30 | 561.93 | 60-70 | 634.27 | 100-110 | 216.78 | 140-150 | 51.37 | -- | -- |
| 30-40 | 685.28 | 70-80 | 519.09 | 110-120 | 170.3 | 150-160 | 23.89 | -- | -- |

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 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 110 | 102 | 102 | 102 | 94 | 94 | 94 | 87 | 87 | 87 | 83 |
| 1 | 102 | 97 | 91 | 87 | 98 | 93 | 88 | 84 | 85 | 81 | 78 | 78 | 75 | 73 | 72 | 70 | 68 | 64 |
| 2 | 92 | 83 | 75 | 69 | 88 | 79 | 72 | 67 | 73 | 67 | 62 | 67 | 63 | 59 | 62 | 58 | 55 | 52 |
| 3 | 83 | 72 | 63 | 56 | 79 | 69 | 61 | 54 | 64 | 57 | 51 | 59 | 53 | 48 | 54 | 49 | 45 | 42 |
| 4 | 76 | 63 | 54 | 47 | 72 | 61 | 52 | 46 | 56 | 49 | 43 | 52 | 46 | 41 | 48 | 43 | 39 | 36 |
| 5 | 70 | 56 | 47 | 40 | 66 | 54 | 45 | 39 | 50 | 43 | 37 | 46 | 40 | 35 | 43 | 37 | 33 | 31 |
| 6 | 64 | 50 | 41 | 35 | 61 | 49 | 40 | 34 | 45 | 38 | 32 | 42 | 35 | 31 | 39 | 33 | 29 | 26 |
| 7 | 59 | 46 | 37 | 30 | 57 | 44 | 36 | 30 | 41 | 34 | 28 | 38 | 32 | 27 | 35 | 30 | 26 | 23 |
| 8 | 55 | 41 | 33 | 27 | 53 | 40 | 32 | 26 | 37 | 30 | 25 | 35 | 28 | 24 | 32 | 27 | 23 | 21 |
| 9 | 52 | 38 | 30 | 24 | 49 | 37 | 29 | 23 | 34 | 27 | 22 | 32 | 26 | 21 | 30 | 24 | 20 | 18 |
| 10 | 48 | 35 | 27 | 22 | 46 | 34 | 26 | 21 | 32 | 25 | 20 | 30 | 24 | 19 | 28 | 22 | 19 | 17 |

Initial Lumen Output: 5223lm

Field Angle: 180 deg

Environmental Rating(s): IP20

Certification Standards: UL Safety US-CA , DLC

Limited Product Warranty: 5 Year(s)

Efficacy: 128.61lm/W

Luminaire Type: Semi-Direct

UL Classification: Dry Location Only

DLC Number: WWWBTI

Beam Angle: 100 deg

Spacing Criteria: 1.2(0-180), 1.28(90-270)

Ambient Operating Temp: -20C to +40C

CCN Number: IFAM7.E359675

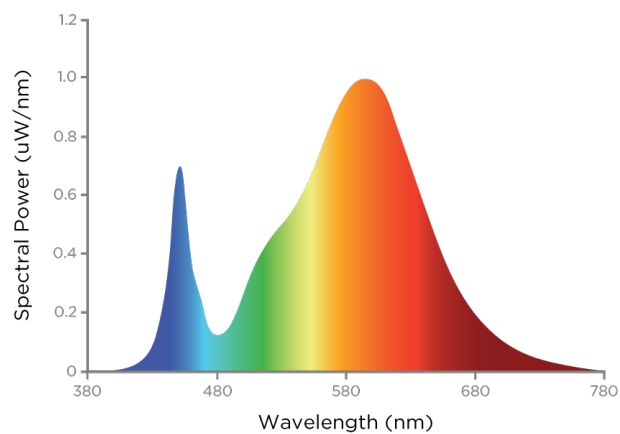
| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLNR44030K-UNV | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

LED SPECIFICATIONS

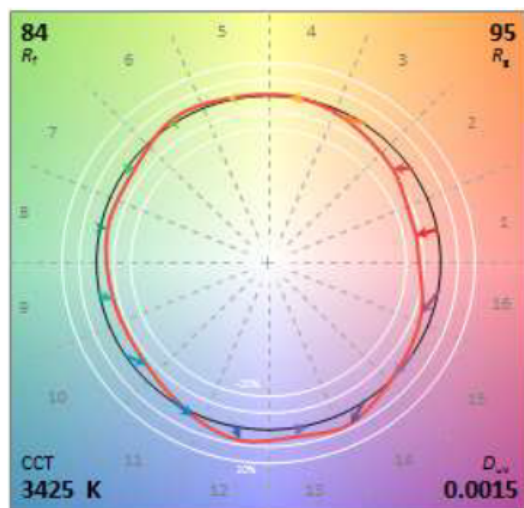
R Tables

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

SPD



TM-30



Source Type: LED

Rg: 95

Duv: 0.0021

CRI: >80

L70: >50000 Hrs

Rf: 85

Colour Temperature: 3000K

| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLNR44030K-UNV | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Arcata

Fixture Draw: 40.84W

Max On-Delay: < 1 S

Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Input Voltage: 120~277Vac

Current Draw@ 120Vac: 0.3397

Dimming: 0-10Vdc, (0% Min Light Level)

Input Frequency: 50-60Hz

Current Draw@ 277Vac: 0.1471

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 Prismatic

Finish Type: Textured 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

SHIPPING INFORMATION

OrderingCode(s): TLNR44030K-UNV

Carton Quantity: 12

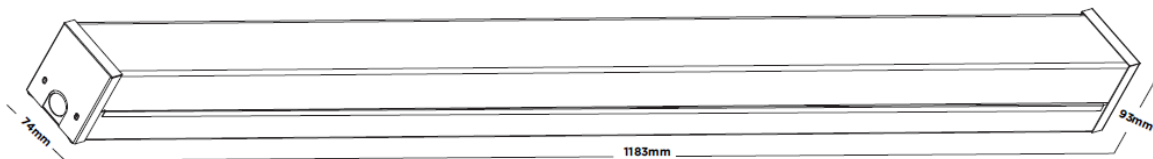
Box Quantity: 1

Carton Dimensions (L-W-H): 1220 x 315 x 345mm

Box Dimensions (L-W-H): 1205 x 315 x 345 mm

LINE DRAWING

Line Drawings





| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLNR44030K-UNV | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES ARCHITECTURE

Series Architecture

| TLNR - - - - - | | | | | | | | | | | |
|----------------|--------|-----|---------|-----|-----------|---------|------------|---------|-------|----------|------------------------------------|
| Part | Length | | Wattage | | | Voltage | | | | Options | |
| TLNR | 2 | 2FT | 20 | 20W | 30K 3000K | UNV | 120-277VAC | [Blank] | White | OC | Occupancy Sensor ¹ |
| | 4 | 4FT | 40 | 40W | 35K 3500K | UN4 | 347VAC | | | EMOC | Emergency Battery Backup |
| | | | | | 40K 4000K | WRV | 120-347VAC | | | | with Occupancy Sensor ² |
| | | | | | 45K 4500K | | | | | FSIR-100 | FSIR-100 Programmer |
| | | | | | 50K 5000K | | | | | | |

¹OC defaults settings are; Sensitivity: 100%, Hold Time: 3min, Light Control: Disable, Standby Level: 0%, Standby Time: Infinity

²OC and EMOC options are UNV(120-277VAC) only. FSIR-100 Sold Separately

³FSIR-100 Sold Separately, one per project minimum