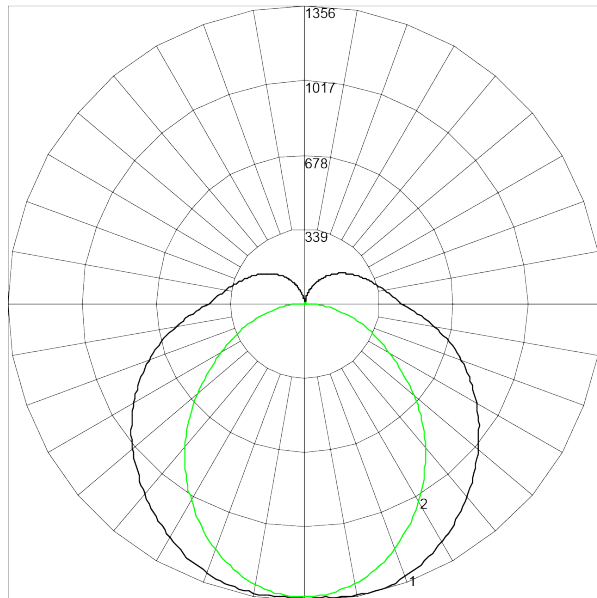


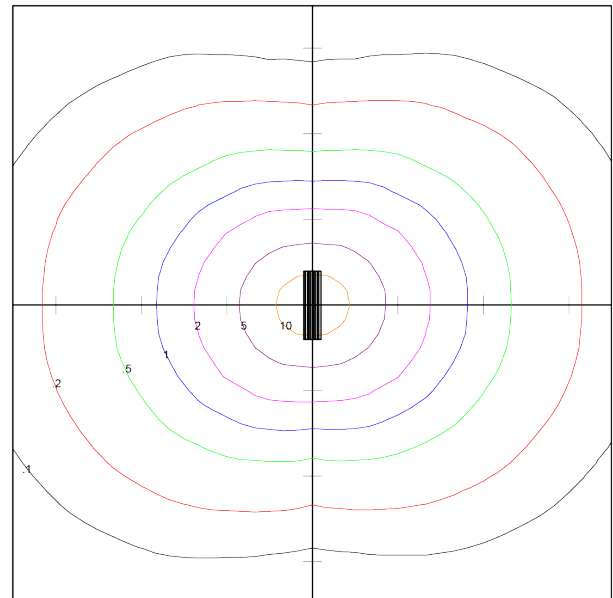
To supply TamLite TLNR series of LED Wrap fixtures as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of powder-coated Aluminium with a heat and impact resistant tempered PMMA lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire. The fixture shall be cULus Listed.



Luminance Distribution Chart



Isolux Diagram



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-UN4 | 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

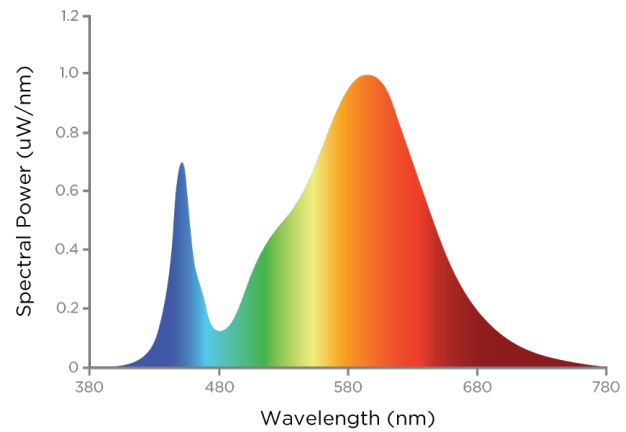
| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLNR44030K-UN4 | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

LED SPECIFICATIONS

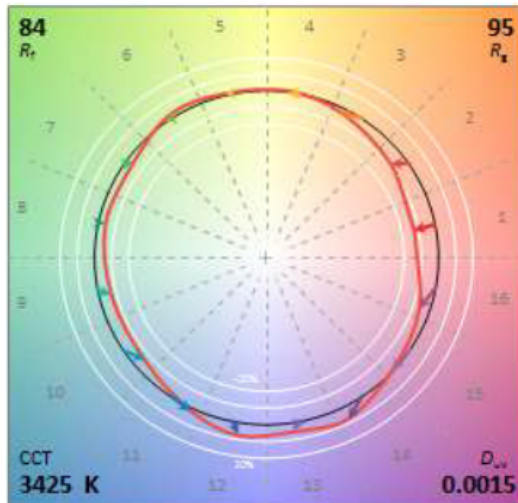
R Tables

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

SPD



TM-30



Source Type: LED

Rg: 95

Duv: 0.0022

CRI: >80

L70: >50000 Hrs

Rf: 85

Colour Temperature: 3000K

| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLNR44030K-UN4 | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Antron

Fixture Draw: 40.84W

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

Input Voltage: 347Vac

Current Draw@347Vac: 0.1172

Short Circuit Protection: Auto Recovery.
The output shall return to normal when the fault condition is removed.

Input Frequency: 50-60Hz

Max On-Delay: < 1 S

Driver Certifications: c-RU-us Class 2,
FCC Part 15 Class B, RoHS

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-347V

Carton Quantity: 12

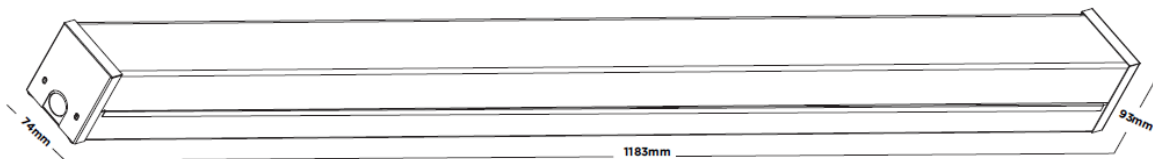
Box Quantity: 1

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-UN4 | 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