

| | |
|------------------------|-------|
| Project: | |
| Location: | |
| Model#: TLG854K-UN4-BK | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

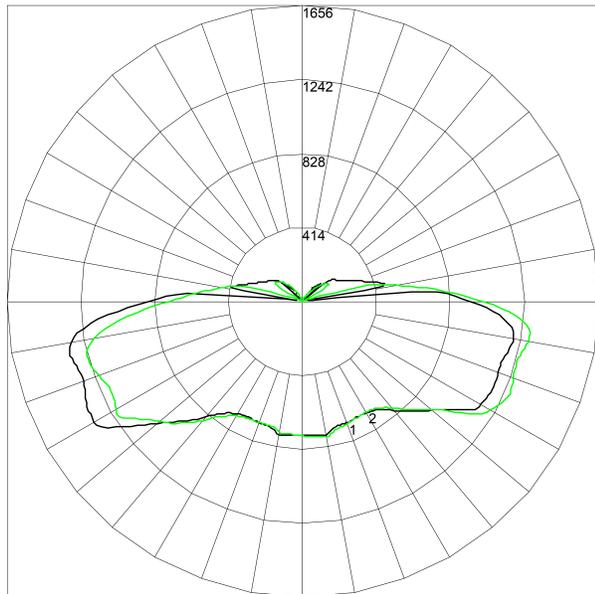


To supply Tamlite's TLG Series of LED Garage fixture as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Die-Cast Aluminium with a powder coat finish over chromate conversion treatment with clear, acrylic lenses. The luminaire shall be wet location listed. LEDs shall be as specified Nichia ® LED chips. The luminaire shall be cULus Listed and DLC Listed.



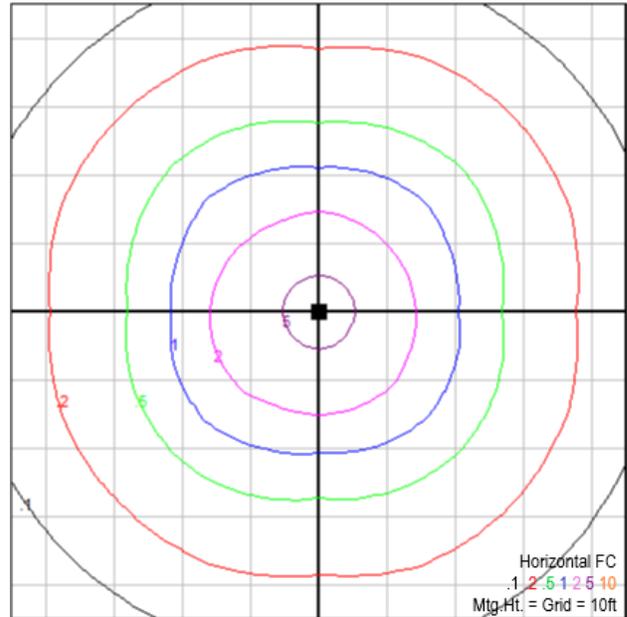
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 1655.9 Located At Horizontal Angle = 135, Vertical Angle = 69
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



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Zonal Lumen Summary

| ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS | ZONE | LUMENS |
|-------|--------|-------|---------|---------|---------|---------|--------|---------|--------|
| 0-10 | 72.08 | 40-50 | 687.15 | 80-90 | 1321.68 | 120-130 | 155.43 | 160-170 | 0.32 |
| 10-20 | 209.75 | 50-60 | 1013.46 | 90-100 | 705 | 130-140 | 86.04 | 170-180 | 0.1 |
| 20-30 | 335.98 | 60-70 | 1352.9 | 100-110 | 310.24 | 140-150 | 31.02 | -- | -- |
| 30-40 | 471.72 | 70-80 | 1460.7 | 110-120 | 174.86 | 150-160 | 2.09 | -- | -- |

Initial Lumen Output: 8336lm

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA

Efficacy: 100.08lm/W

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

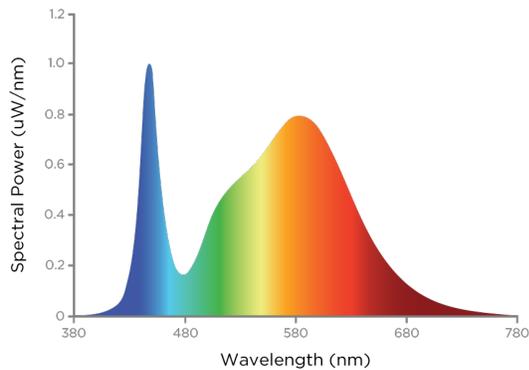
Luminaire Type: Surface Mount

Ambient Operating Temp: -25C to +40C

Limited Product Warranty: 5 Year(s)

LED SPECIFICATIONS

SPD



Source Type: LED

L70: 60000 Hrs

Manufacturer: Nichia®

Colour Temperature: 4000K

CRI: > 75

Duv: 0.005

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ELECTRICAL SPECIFICATIONS

Input Voltage: 347Vac
Current Draw@347Vac: 0.2471
THD @347Vac(%): <15%
Short Circuit Protection: Auto recovery.
 The output shall return to normal when the fault condition is removed.

Input Frequency: 50-60Hz
Max On-Delay: < 1.000S
Dimming: 0-10Vdc, (0% Min Light Level)
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Fixture Draw: 85W
Power Factor @120Vac: >.90
Over Temperature Protection: Auto recovery. Current returns to normal after over temperature is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Black (RAL-9011)
Housing Material: ADC12 Aluminium

Finish Type: Textured powder coat over chromate conversion coat
Lens Material: PMMA

Mounting: Surface
Lens Type: Clear

SHIPPING INFORMATION

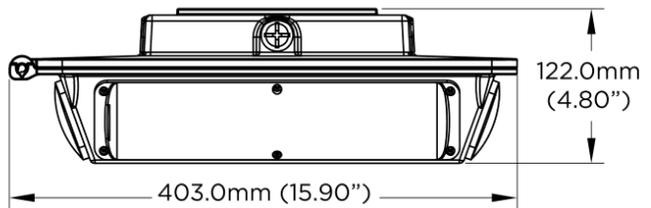
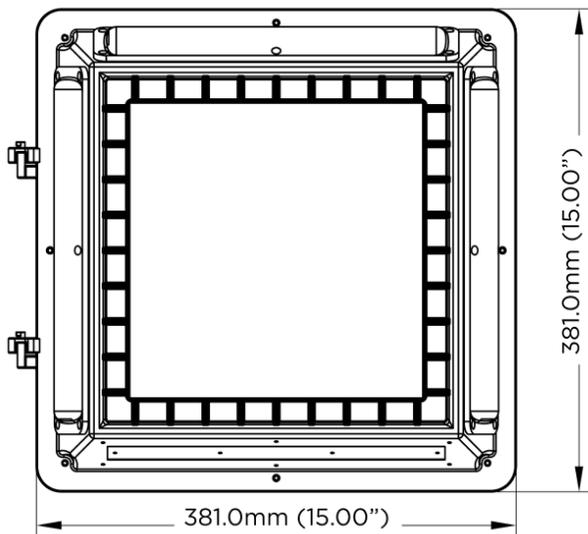
OrderingCode(s): TLG854K-UN4-BK

Box Quantity: 1

Box Dimensions (L-W-H): 435 x 435 x 180 mm

LINE DRAWING

Line Drawings





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SERIES ARCHITECTURE

Series Architecture

| Part | Wattage | | CCT | | Voltage | | Finish | | Options | |
|------|---------|-----|-----|-------|---------|------------|--------|--------|----------|----------------------|
| TLG | 45 | 45W | 40K | 4000K | UNV | 120-277VAC | WH | White | OC | Occupancy Sensor* |
| | 85 | 85W | 50K | 5000K | UN4 | 347VAC | BK | Black | FSIR-100 | *FSIR-100 Programmer |
| | | | | | | | BZ | Bronze | | |

Optional Extras: Occupancy Sensor, FSIR-100 IR Programmer