

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

## SERIES SPECIFICATIONS

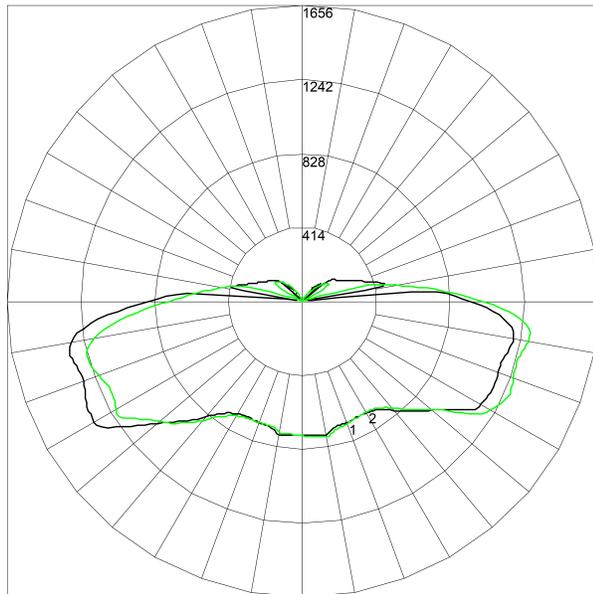


To supply Tamlite's TLG Series of LED Garage fixture as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Die-Cast Aluminium with a powder coat finish over chromate conversion treatment with clear, acrylic lenses. The luminaire shall be wet location listed. LEDs shall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



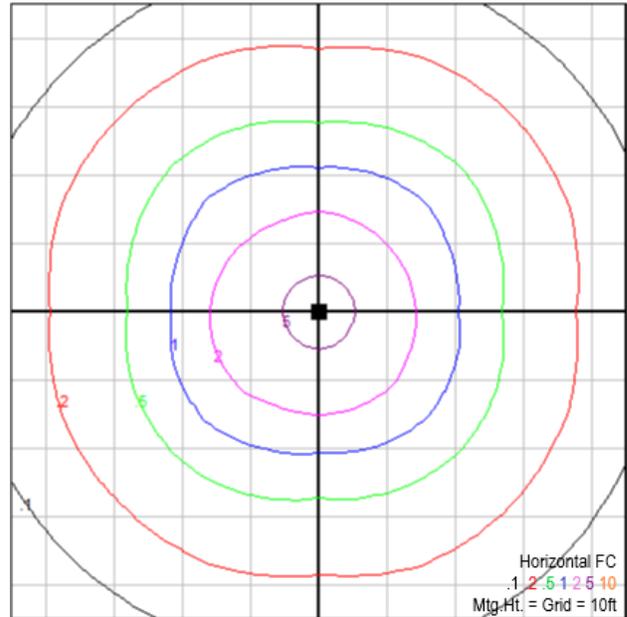
## PERFORMANCE SPECIFICATIONS

**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

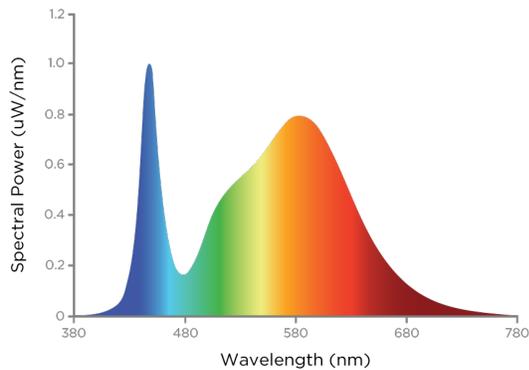
**Luminaire Type:** Surface Mount

**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**

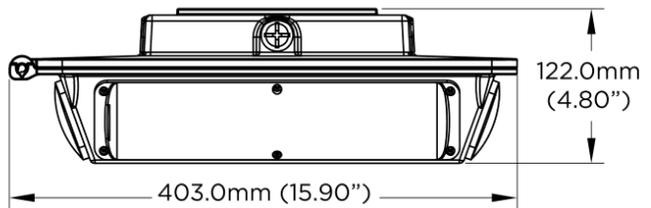
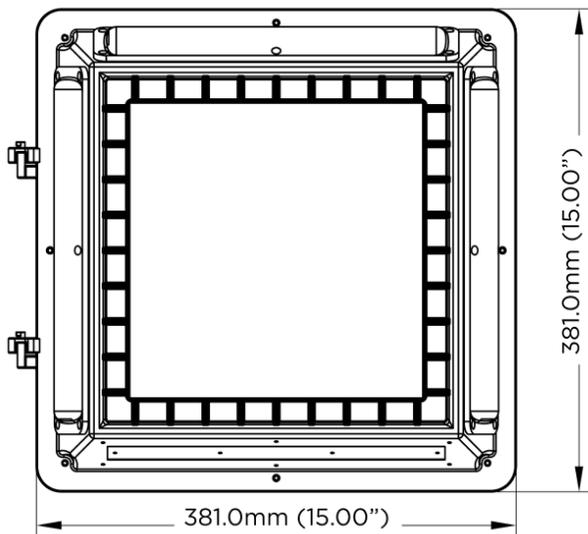
**OrderingCode(s):** TLG854K-UN4-BK

**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