

Project:				
Location:				
Model#: TLG854K-UN4-BK	Туре:			
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.









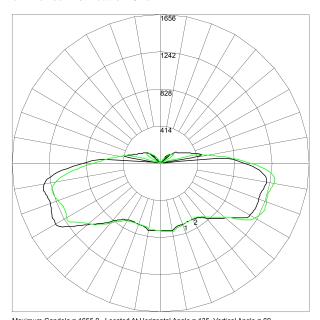






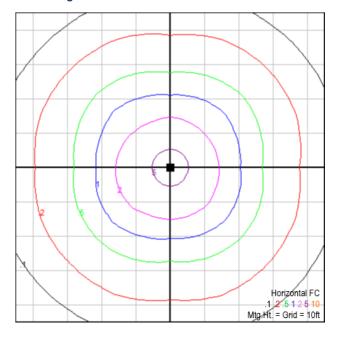
#### PERFORMANCE SPECIFICATIONS

#### **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	O.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

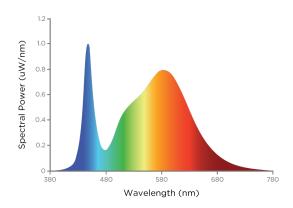
**UL Classification:** Wet Location Listed **CCN Number:** IFAM7.E359675

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

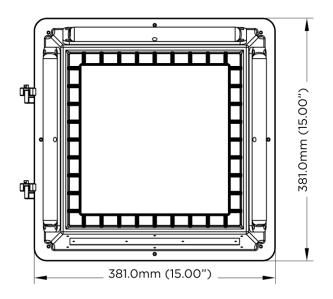
180 mm

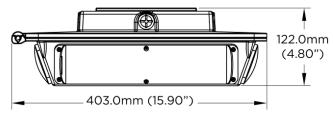


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### LINE DRAWING

## **Line Drawings**





# SERIES ARCHITECTURE

## **Series Architecture**

Т	<u>LG - 45 - 40K - </u>					·	UNV -		WH			
Pa	art	rt Wattage CCT				Voltage		Finish		Options		
Т	LG	45	45W	40K	4000K	UNV	120-277VAC	WH	White	OC	Occupancy Sensor*	
		85	85W	50K	5000K	UN4	347VAC	ВК	Black	FSIR-100	*FSIR-100 Programer	
								BZ	Bronze			

Optional Extras: Occupancy Sensor, FSIR-100 IR Programmer