



Project:	
Location:	
Model#: TLC253K-UNV-BK	Type:
Client:	Qty:
Prepared by:	Date:

**SERIES SPECIFICATIONS**

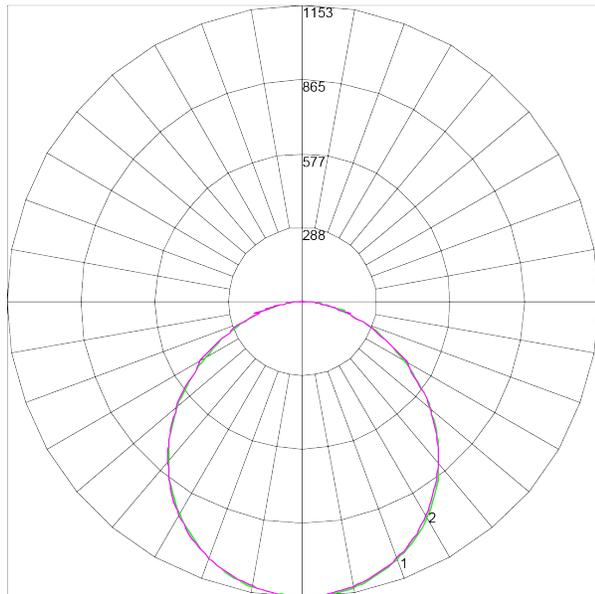


To supply Tamlite's TLC Series of LED Canopy fixture as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of Die-Cast Aluminium with a powder coat finish over chromate conversion treatment with a clear polycarbonate lens. The luminaire shall be wet location listed. LEDs shall be as specified NICHIA® LED chips. The luminaire shall be cULus Listed.



**PERFORMANCE SPECIFICATIONS**

**Luminance Distribution Chart**



Maximum Candela = 1153.444 Located At Horizontal Angle = 67.5, Vertical Angle = 2  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 2 - Vertical Plane Through Horizontal Angles (0 - 180)

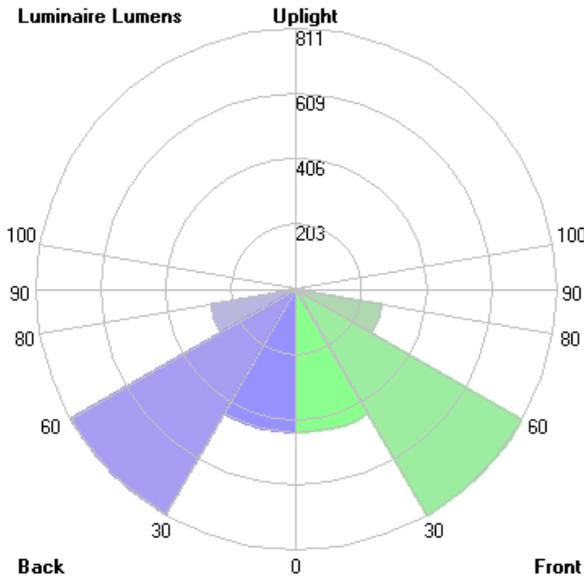


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**Zonal Lumen Summary**

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	108.99	40-50	567.86	80-90	49.48	120-130	0.55	160-170	0.40
10-20	311.92	50-60	489.28	90-100	4.09	130-140	0.71	170-180	0.17
20-30	470.91	60-70	349.40	100-110	0.67	140-150	0.71	--	--
30-40	561.86	70-80	191.15	110-120	0.39	150-160	0.61	--	--

**BUG Graph**



**Lum. Classification System (LCS)**

LCS Zone	Lumens	%Lum
FL (0-30)	446.1	14.3
FM (30-60)	811.4	26.1
FH (60-80)	271.9	8.7
FVH (80-90)	25.3	0.8
BL (0-30)	445.7	14.3
BM (30-60)	807.6	26.0
BH (60-80)	268.7	8.6
BVH (80-90)	24.2	0.8
UL (90-100)	4.1	0.1
UH (100-180)	4.2	0.1
<b>Total</b>	<b>3109.2</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B1-U1-G1</b>	

**Initial Lumen Output:** 2642lm  
**Luminaire Type:** VS - Very Short  
**Environmental Rating(s):** IP65  
**Certification Standards:** UL Safety US-CA

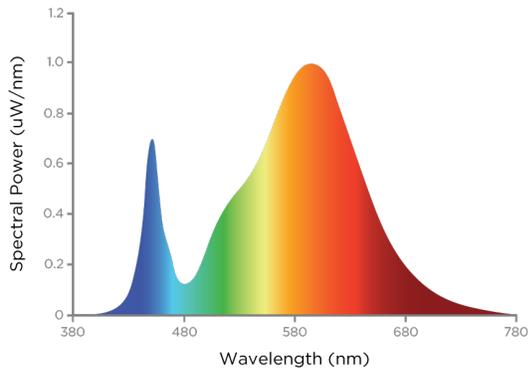
**Efficacy:** 112.95lm/W  
**BUG Rating:** B1-U1-G1  
**UL Classification:** Wet Location Listed  
**CCN Number:** IFAM7.E359675

**Beam Angle:** 110 deg  
**Spacing Criteria:** 1.26(0-180), 1.26(90-270)  
**Ambient Operating Temp:** -20C to +40C  
**Limited Product Warranty:** 5 Year(s)

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## LED SPECIFICATIONS

### SPD



**Source Type:** LED

**CRI:** >80

**Chromaticity:** x=0.4335 y=0.4068

**Manufacturer:** Nichia®

**L90:** 50,000 Hrs.

**Duv:** 0.0016

**Part Number:** NF2W757DRT-V1

**Colour Temperature:** 5000K

## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** Inventronics®

**Fixture Draw:** 23.4W

**Max On-Delay:** < 1 S

**THD at 120Vac(%):** <10%

**Over Temperature Protection:** Auto recovery. Current returns to normal after over temperature is removed.

**Input Voltage:** 120~277Vac

**Current Draw at 120Vac:** 0.21

**Power Factor at 120Vac:** >.90

**THD at 277Vac(%):** <10%

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

**Input Frequency:** 50-60Hz

**Current Draw at 277Vac:** 0.0845A

**Power Factor at 277Vac:** >.91

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

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

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Black (RAL-9011)

**Housing Material:** ADC12 Aluminium

**Finish Type:** Textured Powder Coat over Chromate Conversion Coat

**Lens Material:** Polycarbonate

**Mounting:** Surface

**Lens Type:** Clear

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SHIPPING INFORMATION

OrderingCode(s): TLC253K-UNV-BK

Box Quantity: 1

Box Dimensions (L-W-H): 305 x 305 x 220 mm

LINE DRAWING

Line Drawings

