

Project:		
Location:		
Model#: TLC253K-UNV-BK	Туре:	
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.









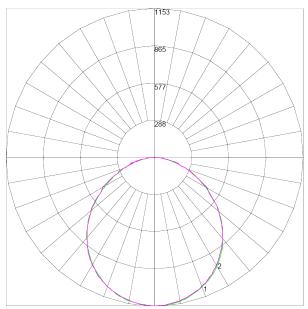






#### PERFORMANCE SPECIFICATIONS

#### **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)

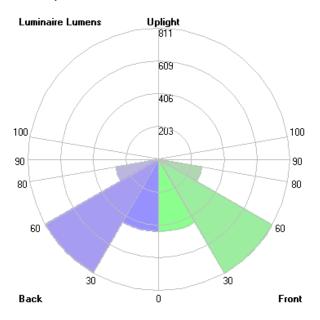


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## **Zonal Lumen Summary**

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
FΗ	(60-80)	271.9	8.7
FVH	(80-90)	25.3	0.8
BL	(0-30)	445.7	14.3
ВМ	(30-60)	807.6	26.0
ВН	(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
Tota	I	3109.2	100.0
BUG Rating		B1-U1-G1	

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)

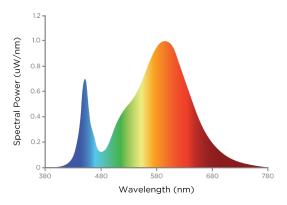
**Ambient Operating Temp:** -20C to +40C **Limited Product Warranty:** 5 Year(s)



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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**

