



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

SERIES SPECIFICATIONS

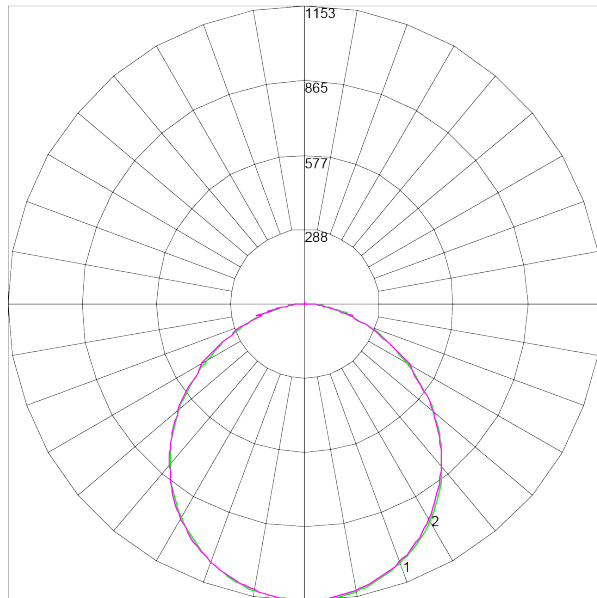


To supply Tamlite's TLC Series of LED Canopy fixture as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of Die-Cast Aluminium with a powder coat finish over chromate conversion treatment with a clear polycarbonate lens. The luminaire shall be wet location listed.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

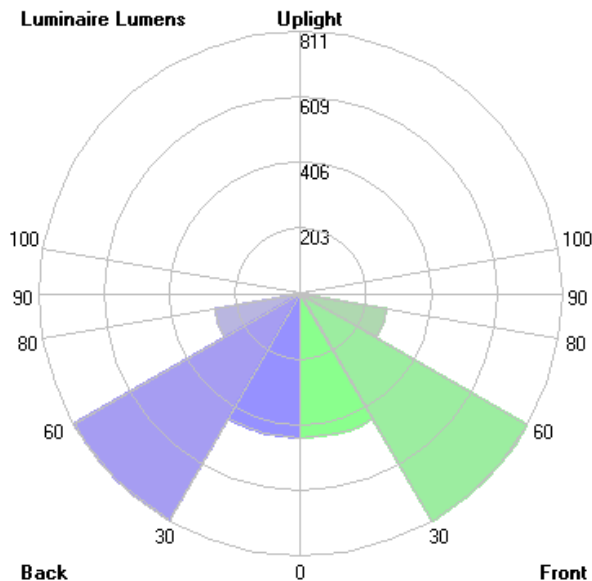


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Zonal Lumen Summary

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
Total	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

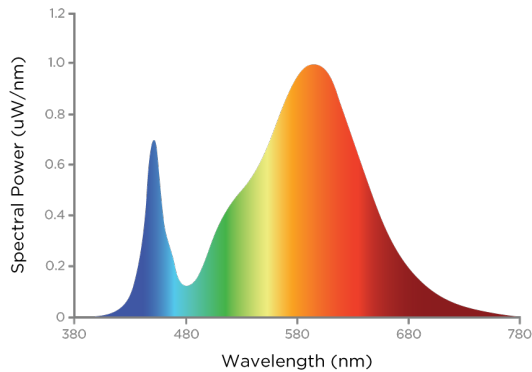
Efficacy: 112.95lm/W
BUG Rating: B1-U1-G1
UL Classification: Wet Location Listed
CCN Number: IFAM7.E359675

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

