

Project:		
Location:		
Model#:	TLC405K-UN4-BK	Type:
Client:		Qty:
Prepared by:		Date:

SERIES SPECIFICATIONS

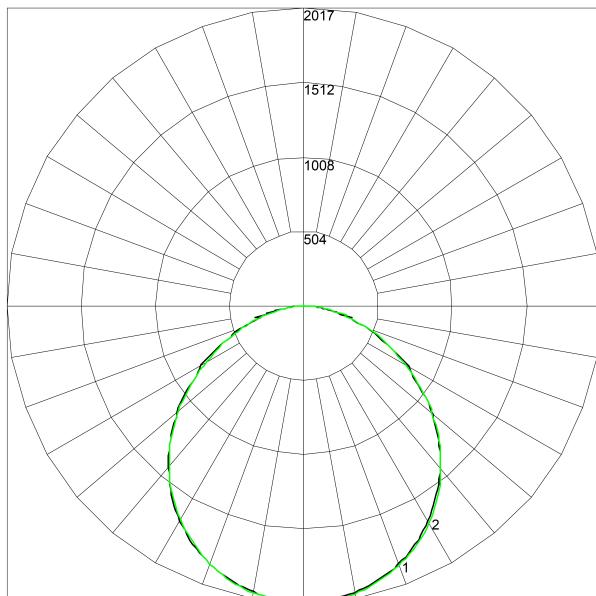


To supply Tamlite's TLC Series of LED Canopy fixture as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Die-Cast Aluminium with a powder coat finish over chromate conversion treatment with a clear polycarbonate lens. The luminaire shall be wet location listed. LEDs shall be as specified NICHIA® LED chips. The luminaire shall be cULus Listed.



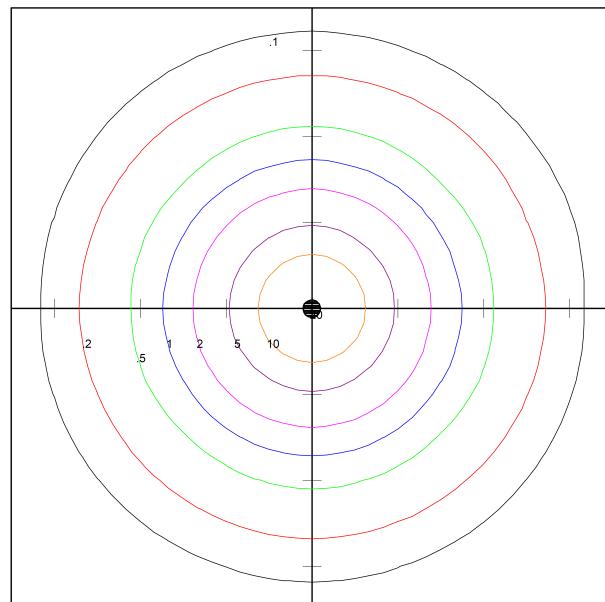
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 2016.51 Located At Horizontal Angle = 67.5, Vertical Angle = 2
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram



TAMLITE LIGHTING
 16 PURDUE CRT. CALEDON, ONTARIO
 TLC405K_UNV
 43W LED CANOPY FIXTURE 120-277VAC

Horizontal Footcandles
 Scale: 1 Inch = 10 Ft
 Light Loss Factor = 1.00
 Lumens Per Lamp = N/A (absolute photometry)
 Luminaire Lumens = 5436
 Mounting Height = 10.00 Ft
 Maximum Calculated Value = 20.15 Fc
 Arrangement: Single

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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	190.54	40-50	992.76	80-90	86.51	120-130	0.97	160-170	0.71
10-20	545.31	50-60	855.38	90-100	7.16	130-140	1.23	170-180	0.29
20-30	823.26	60-70	610.83	100-110	1.18	140-150	1.23	--	--
30-40	982.28	70-80	334.17	110-120	0.68	150-160	1.07	--	--

Initial Lumen Output: 5436lm

CBCP: 2016cd

Spacing Criteria: 1.26(0-180), 1.26(90-270)

Ambient Operating Temp: -20C to +40C

Limited Product Warranty: 5 Year(s)

Efficacy: 124lm/W

Beam Angle: 110 deg

Environmental Rating(s): IP65

Certification Standards: cULus

Max Candela: 2016cd

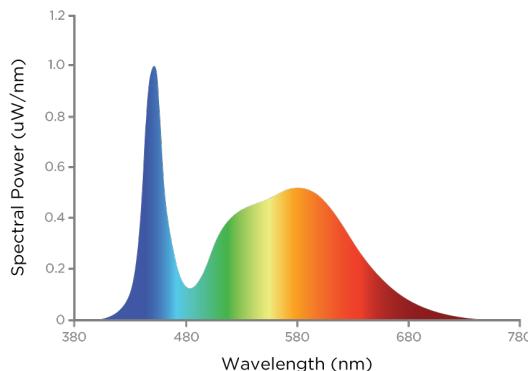
Luminaire Type: VS - Very Short

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

LED SPECIFICATIONS

SPD



Source Type: LED

CRI: >80

Chromaticity: x=0.3375 y=0.3396

Manufacturer: Nichia ®

L90: 50,000 Hrs

Duv: 0.0034

Part Number: NF2W757DRT-V1

Colour Temperature: 5000K



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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®

Fixture Draw: 40W

THD @ 120Vac(%):<10%

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

Input Voltage: 347Vac

Current Draw @ 347Vac: 0.1003

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

Input Frequency: 50-60Hz

Power Factor @ 120Vac: >.90

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

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

SHIPPING INFORMATION

Ordering Code(s): TLC405K-UN4-BK

Box Quantity: 1

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

220 mm

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LINE DRAWING

Line Drawings

