

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: TLC405K-UN4-BZ

SERIES SPECIFICATIONS



To supply and install TamLite's TLC Series of LED Canopy fixture as specified. The Luminaire shall operate at 347VAC to 480VAC. 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 c-UL-us listed.



PERFORMANCE SPECIFICATIONS

FIG. 1 - Luminance Distribution Chart

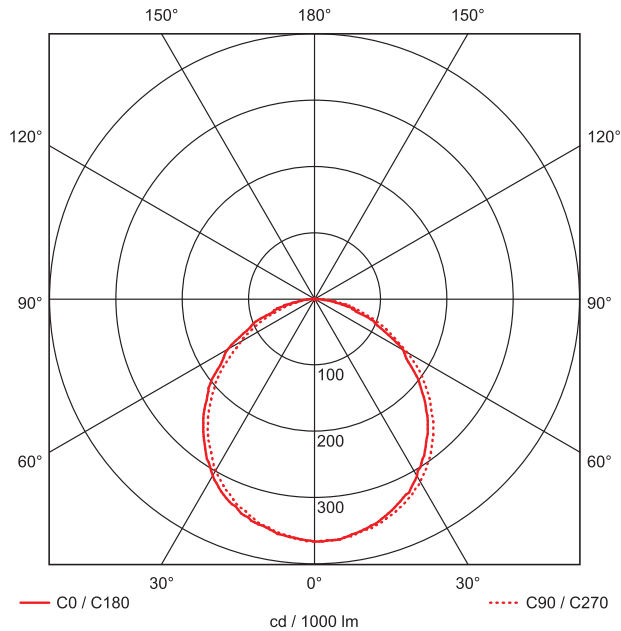


FIG. 2 - Zonal Lumen Summary

ZONE	PERCENTAGE
0-10	3.5%
10-20	10.0%
20-30	15.1%
30-40	18.1%
40-50	18.4%
50-60	15.9%
60-70	11.3%
70-80	6.1%
80-90	1.4%
90-100	0.1%
100-110	0%
110-120	0%
120-130	0%
130-140	0%
140-150	0%
150-160	0%
160-170	0%
170-180	0%

	C0	C90	C180
0°	366	366	366
5°	365	364	361
10°	359	360	356
15°	351	354	349
20°	340	345	339
25°	326	333	326
30°	309	319	308
35°	288	299	286
40°	266	277	262
45°	238	252	235
50°	210	224	209
55°	177	195	174
60°	154	161	152
65°	116	129	113
70°	90	99	88
75°	59	70	58
80°	33	45	34
85°	12	20	11
90°	2	5	2
	cd / 1000 lm		

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PERFORMANCE SPECIFICATIONS

Initial Lumen Output: 4741.60 lm
Efficacy: 137.12 lm/W
Beam Angle: 108.0°

Environmental Rating: IP65
UL Classification: Wet Location Listed
Operating Temp: -40°C to +40°C

Certification Standards: cULus
Anti-Corrosion Warranty: 5 Years
Limited Product Warranty: 5 Years

LED SPECIFICATIONS

LED Chip: NICHIA® NF2W757DRT-V1
LED Type: Array
CRI: 72.8

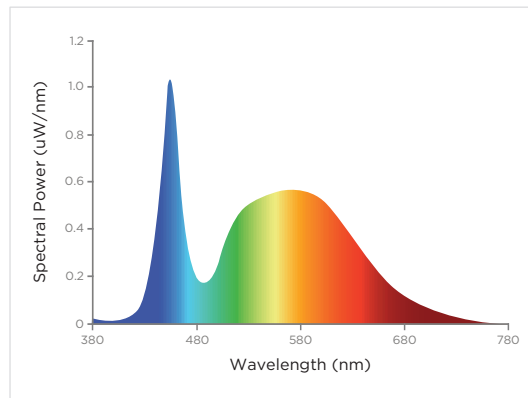
Average Life: L₇₀ = >61,000 hrs
Colour Temperature: 5000K
Chromaticity: x= 0.3403; y= 0.3507

Duv: -0.0003

FIG. 3 - Colour Rendering Indices

R1	76	R9	0
R2	84	R10	60
R3	88	R11	74
R4	77	R12	49
R5	76	R13	78
R6	77	R14	93
R7	85	R15	72
R8	63	--	--

FIG. 4 - Spectral Power Distribution



ELECTRICAL SPECIFICATIONS

Voltage: 347-480VAC
Frequency: 60Hz
Fixture Draw: 34.58W @ 347VAC;
 34.77W @ 480VAC

Current Draw: 0.1003A @ 347VAC;
 0.0779A @ 480VAC
Power Factor: 0.93

THD (%): 8.85% @ 347VAC;
 10.46% @ 480VAC
Driver: Inventronics

PHYSICAL SPECIFICATIONS

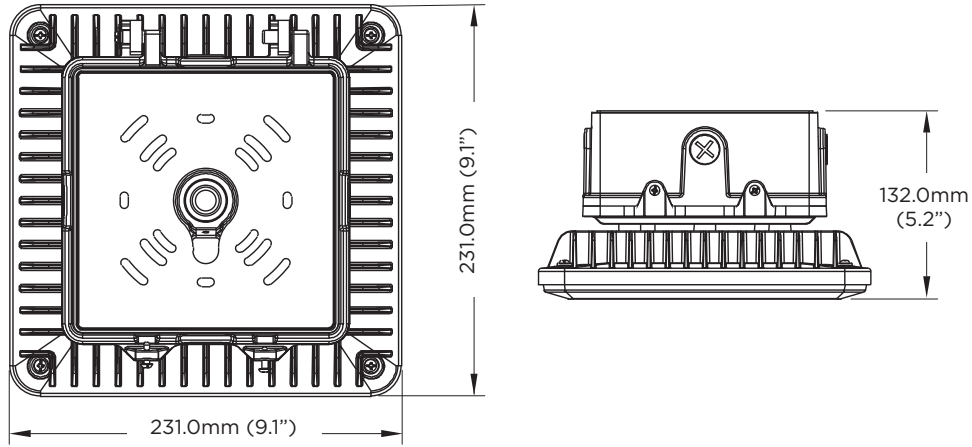
Colour(s): Bronze
Finished Type: Textured Powder Coat
 over Chromate Conversion Coat

Mounting: Surface, Pendant
Housing Material: Die-Cast Aluminum

Lens Material: Polycarbonate
Lens Type: Clear

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LINE DRAWING



ORDERING INFORMATION

Part Number: TLC405K-UN4-BZ

Box Quantity: 1

Box Length: 305mm - 12.01"

Box Height: 220mm - 8.66"

Box Width: 305mm - 12.01"

Carton Quantity: 4

Carton Length: 665mm - 26.18"

Carton Height: 465mm - 18.31"

Carton Width: 320mm - 12.60"