

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

SERIES SPECIFICATIONS



To supply and install Tamlite's TLC Series of LED Canopy fixture as specified. The Luminaire shall operate at 120VAC to 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 c-UL-us listed.



PERFORMANCE SPECIFICATIONS

FIG. 1 - Luminance Distribution Chart

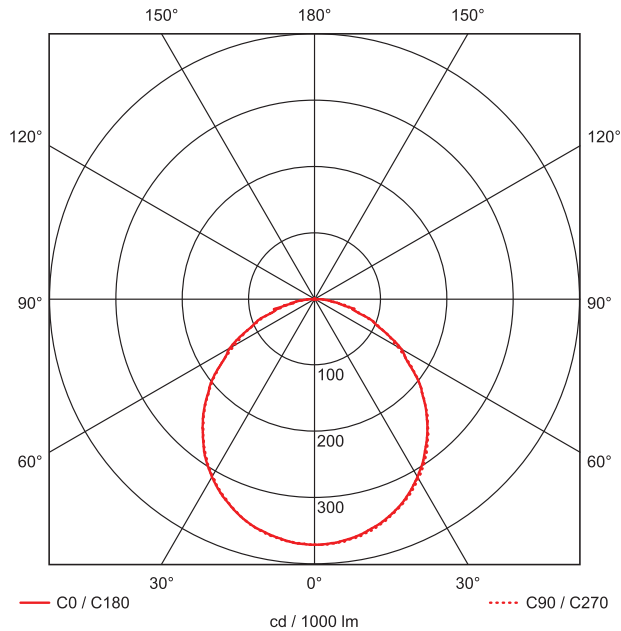


FIG. 2 - Zonal Lumen Summary

ZONE	PERCENTAGE
0-10	3.5%
10-20	10.0%
20-30	15.1%
30-40	18.1%
40-50	18.3%
50-60	15.7%
60-70	11.2%
70-80	6.1%
80-90	1.6%
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°	371	371	371
5°	369	370	369
10°	364	365	363
15°	355	357	355
20°	344	345	343
25°	329	331	328
30°	310	313	311
35°	288	292	289
40°	265	266	263
45°	238	239	236
50°	211	209	208
55°	175	178	174
60°	152	145	148
65°	115	116	112
70°	88	87	87
75°	59	57	56
80°	34	35	37
85°	14	14	13
90°	3	3	3
	cd / 1000 lm		

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

PERFORMANCE SPECIFICATIONS

Initial Lumen Output: 5625.00 lm
Efficacy: 129.67 lm/W
Beam Angle: 107.1°

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® NF2L757DR
LED Type: Array
CRI: 74.3

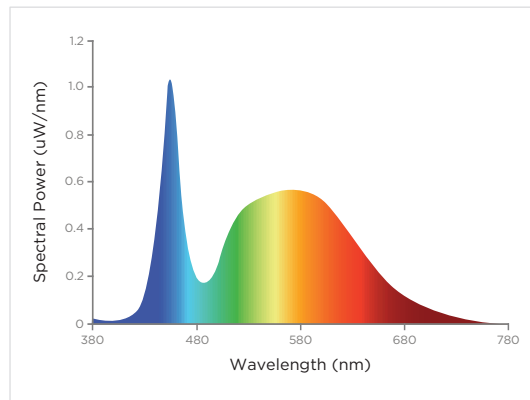
Average Life: L₇₀ = >61,000 hrs
Colour Temperature: 5000K
Chromaticity: x= 0.4315; y= 0.4014

Duv: 0.0015

FIG. 3 - Colour Rendering Indices

R1	70	R9	0
R2	82	R10	56
R3	91	R11	63
R4	69	R12	44
R5	68	R13	72
R6	73	R14	94
R7	80	R15	64
R8	49	--	--

FIG. 4 - Spectral Power Distribution



ELECTRICAL SPECIFICATIONS

Voltage: 120-277VAC
Frequency: 60Hz
Fixture Draw: 43.38W @ 120VAC;
 43.01W @ 277VAC

Current Draw: 0.3647A @ 120VAC;
 0.1667A @ 277VAC
Power Factor: 0.9911 @ 120VAC;
 0.9313 @ 277VAC

THD (%): 8.02% @ 120VAC;
 13.75% @ 277VAC
Driver: Inventronics

PHYSICAL SPECIFICATIONS

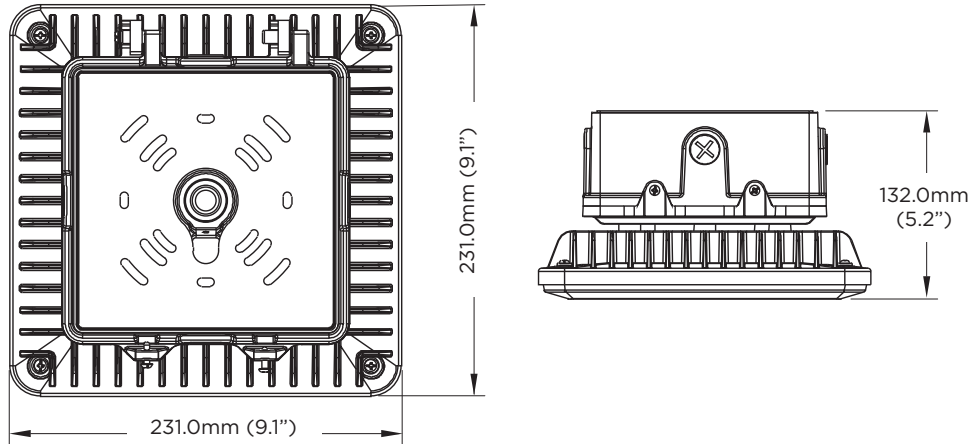
Colour(s): Bronze
Finished Type: Textured Powder Coat
 over Chromate Conversion Coat

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

Lens Material: Polycarbonate
Lens Type: Clear

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

LINE DRAWING



ORDERING INFORMATION

Part Number: TLC405K-UNV-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"