TAMLITE
LIGHTING

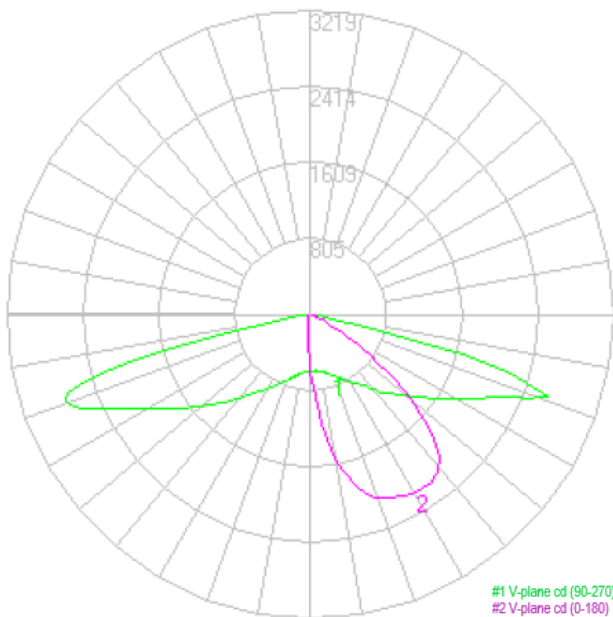| Project:		
Location:		
Model#: ARPT803KT2H-UN4-BZ	Type:	
Client:	Qty:	
Prepared by:	Date:	

SERIES SPECIFICATIONS

To supply Tamlite ARPT Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Textured Powder Coat over Chromate Conversion Coat. All hardware to be stainless steel. Bottom access wiring compartment to be hinged and sealed with a durable foamed gasket. Fixtures to come standard with a NEMA7 style twist lock socket and shorting cap.Optics to be constructed of PMMA be sealed via captive gasket and complete with a Clear Optics LED's shall be as specified Nichia® NVSW219 with a 3 SDCM colour tolerance. Fixture shall be UL Safety US-CA listed.
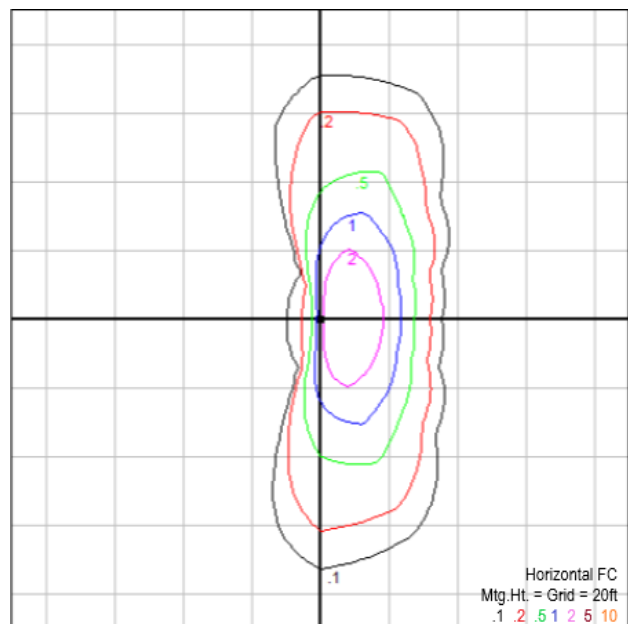
c UL us LISTED | IP66 | WET LOCATION | UN4 347-480 VAC | DIM 1-10V | LED | 3000K | 10 YEAR LIMITED WARRANTY

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

#1 V-plane cd (90-270)
#2 V-plane cd (0-180)

Isolux Diagram

Horizontal FC
Mtg.Ht. = Grid = 20ft
.1 .2 .5 1 2 5 10

BUG Graph

Luminaire Lumens
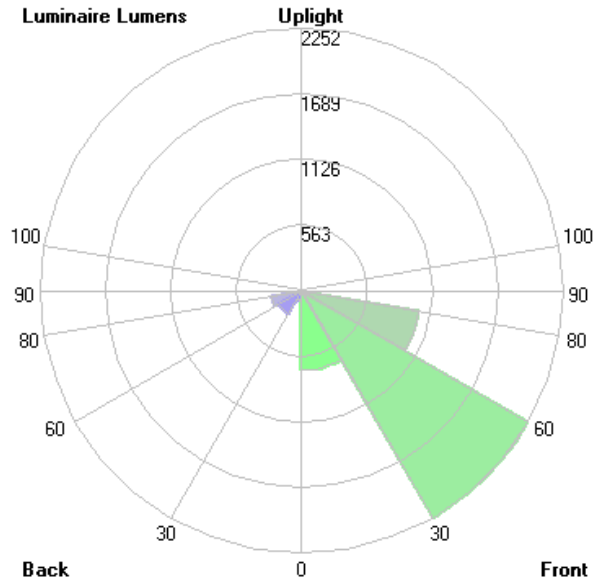
Lum. Classification System (LCS)

LCS Zone		Lumens	%Lum
FL	(0-30)	685.6	15.0
FM	(30-60)	2252.0	49.4
FH	(60-80)	1025.2	22.5
FVH	(80-90)	13.6	0.3
BL	(0-30)	85.7	1.9
BM	(30-60)	233.8	5.1
BH	(60-80)	261.1	5.7
BVH	(80-90)	2.7	0.1
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		4559.7	100.0
BUG Rating	**B1-U0-G1**		

Initial Lumen Output: 6997lm

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

Efficacy: 95lm/W

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

Luminaire Type: Type II-H - Medium

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 10 Year(s)

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LED SPECIFICATIONS

R Tables

R1	73
R2	77
R3	80
R4	76
R5	74
R6	70
R7	80
R8	61

R9	0
R10	46
R11	76
R12	50
R13	73
R14	89
R15	67
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SPD

Source Type: LED
CRI: >70
Chromaticity: x=0.4338 y=0.4030

Manufacturer: Nichia®
L70: 60000 Hrs.
Colour Tolerance: 3 SDCM

Part Number: NVSW219
Colour Temperature: 3000K
Duv: 0.005

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®
Input Frequency: 50/60 hz
Inrush Current: 1.3 A2S
Power Factor at 347Vac: > 0.90
Driver MTBF: 61,900 hrs
Dimming: 1-10Vdc, (10% Min Light Level)
Short Circuit Protection: Auto recovery. The output shall return to normal when the fault condition is removed.

Driver Part Number: ESC-075S140DT
Fixture Draw: 72.52W
Max On-Delay: < 3 S
THD at 277Vac(%): < 10%
Max Operating Case Temperature: 90C
Dimming Current mA: 0.2
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Input Voltage: 347Vac
Current Draw at 347Vac: 0.2105
Auxiliary Control: 12 Vdc
THD at 347Vac(%): < 15%
Surge Suppression: 10kV
Over Temperature Protection: Auto recovery. Current returns to normal after over temperature is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Bronze (RAL-8019)
Mounting: 2.375" O.D. Top Tenon
Lens Type: Clear Optics

Finish Type: Textured Powder Coat over Chromate Conversion Coat
Housing Material: ADC12 Aluminium
Entries: Gasketed Wire Entry

Wiring: Internal Junction
Lens Material: PMMA

![TAMLITE LIGHTING]

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Client:	Qty:	
Prepared by:	Date:	

SHIPPING INFORMATION

OrderingCode(s): ARPT8030KT2H-UN4-BZ

Box Weight: 9.2 kg

Box Quantity: 1

Box Dimensions (L-W-H): 520 x 500 x 220 mm

LINE DRAWING

Line Drawings
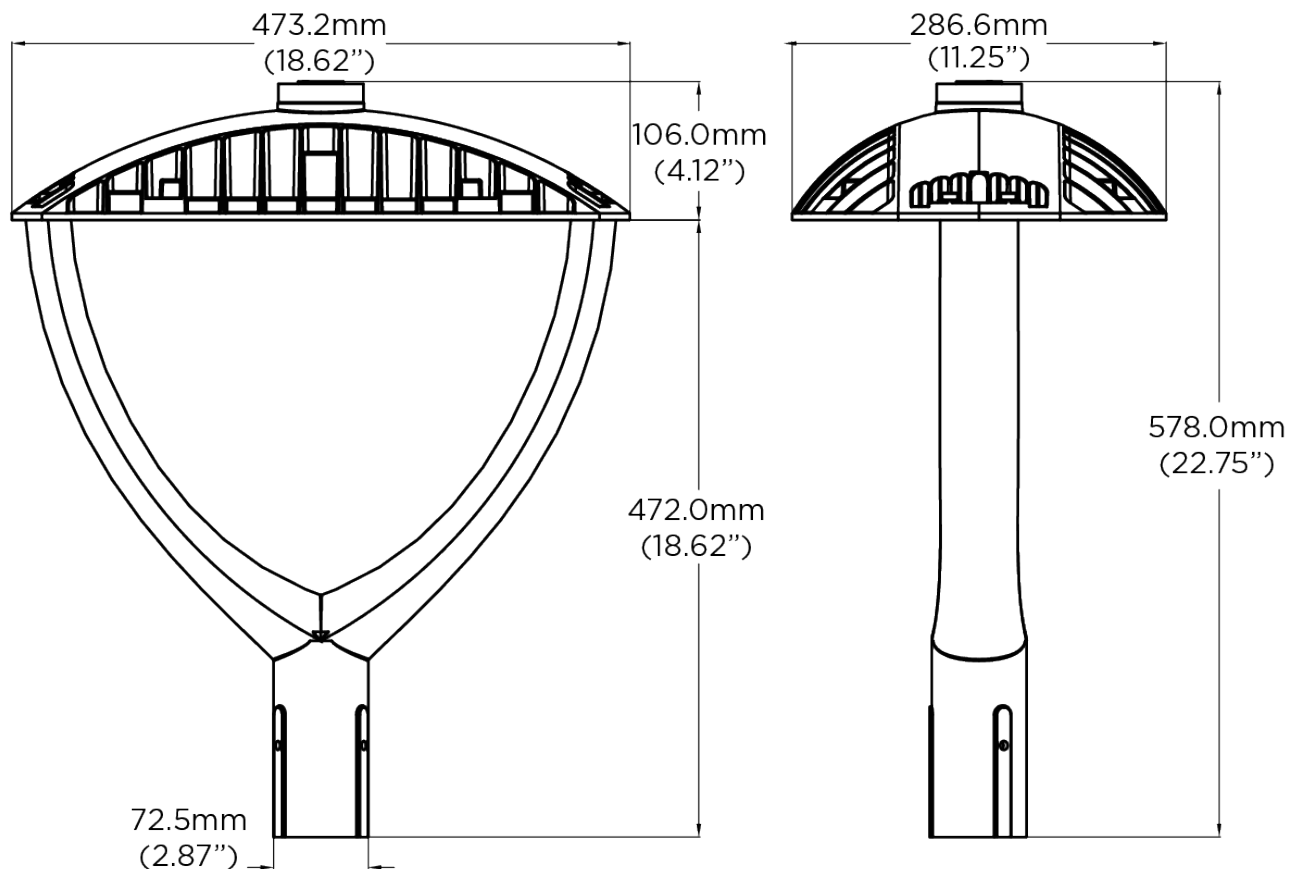
473.2mm
(18.62")

106.0mm
(4.12")

472.0mm
(18.62")

72.5mm
(2.87")

286.6mm
(11.25")

578.0mm
(22.75")

SERIES ARCHITECTURE

Series Architecture

Part	Wattage		CCT		Mounting		Optics		Voltage		Finish		Accessories	
ARPT	40	40W	30K	3000K	Blank	2-3/8" O.D. Tennon	T2	Type II	UNV	120-277VAC	BZ	Bronze	O	Occupancy Sensor
	80	80W	40K	4000K			T2H	Type II with House Side Shield	UN4	347VAC	BK	Black	AR-N3PC-UNV	120VAC Photo control
			50K	5000K			T3	Type III			WH	White	AR-N3PC-UN4	347VAC Photo control
			AM	Amber			T3H	Type III with House Side Shield			CC	Custom	FSIR-100	Programming remote, sold seperately
							T4	Type IV						
							T4H	Type IV with House Side Shield						
							T5	Type V						
							T5H	Type V with House Side Shield						

Optional Extras: AR-N3PC-UN4