

Project:	
Location:	
Model#: ARPT403KT2H-UN4-BZ	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

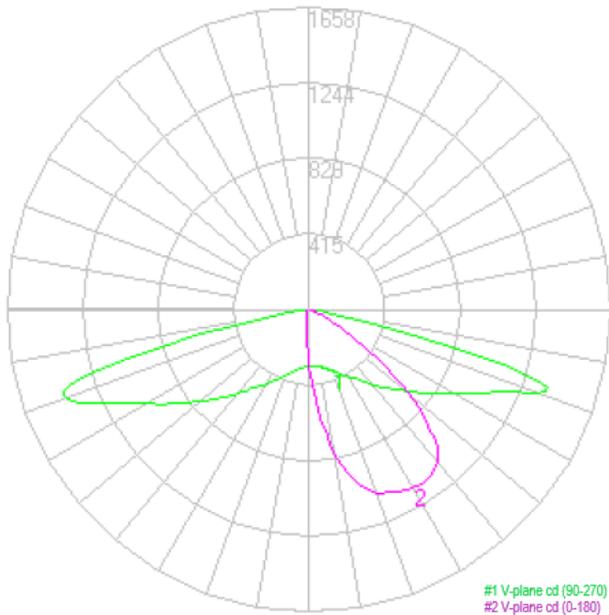


To supply TamLite ARPT Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Powder Coated. All hardware to be stainless steel. 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.

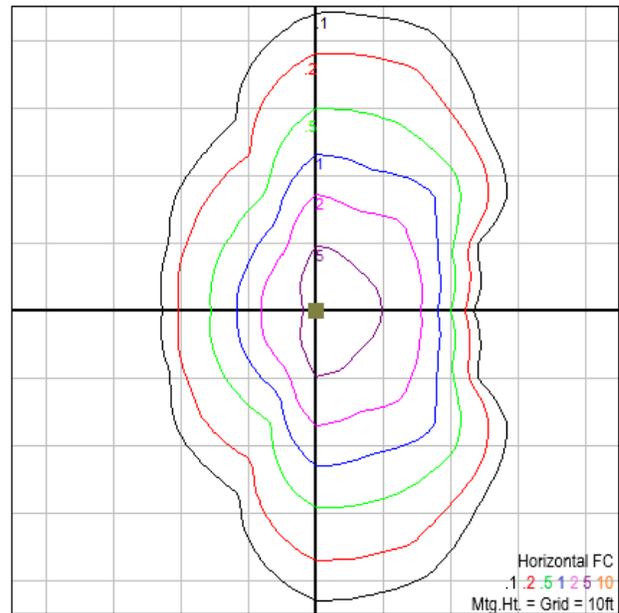


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



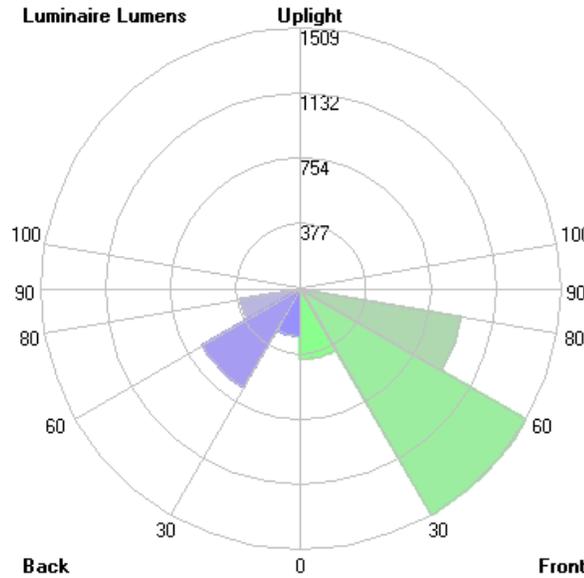
Isolux Diagram





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BUG Graph



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lum
FL (0-30)	408.5	9.8
FM (30-60)	1508.9	36.1
FH (60-80)	943.3	22.6
FVH (80-90)	24.2	0.6
BL (0-30)	274.6	6.6
BM (30-60)	656.1	15.7
BH (60-80)	354.3	8.5
BVH (80-90)	10.8	0.3
UL (90-100)	0.0	0.0
UH (100-180)	0.0	0.0
Total	4180.7	100.0

BUG Rating B1-U0-G1

Initial Lumen Output: 3887lm
Environmental Rating(s): IP66
Certification Standards: UL Safety US-CA

Efficacy: 108lm/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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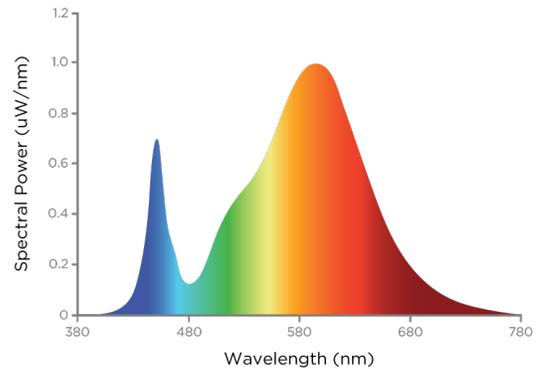
LED SPECIFICATIONS

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

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®
Input Frequency: 50/60 hz
Inrush Current: 0.32 A2S
Power Factor at 347Vac: > 0.90
Driver MTBF: 87,000 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: LTC-040S070DSP
Fixture Draw: 35.51W
Max On-Delay: < 1 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: 0.1029
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: Powder Coated
Housing Material: ADC12 Aluminium
Entries: Gasketed Wire Entry

Wiring: Internal Junction
Lens Material: PMMA

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SHIPPING INFORMATION

OrderingCode(s): ARPT4030KT2H-UN4-BZ

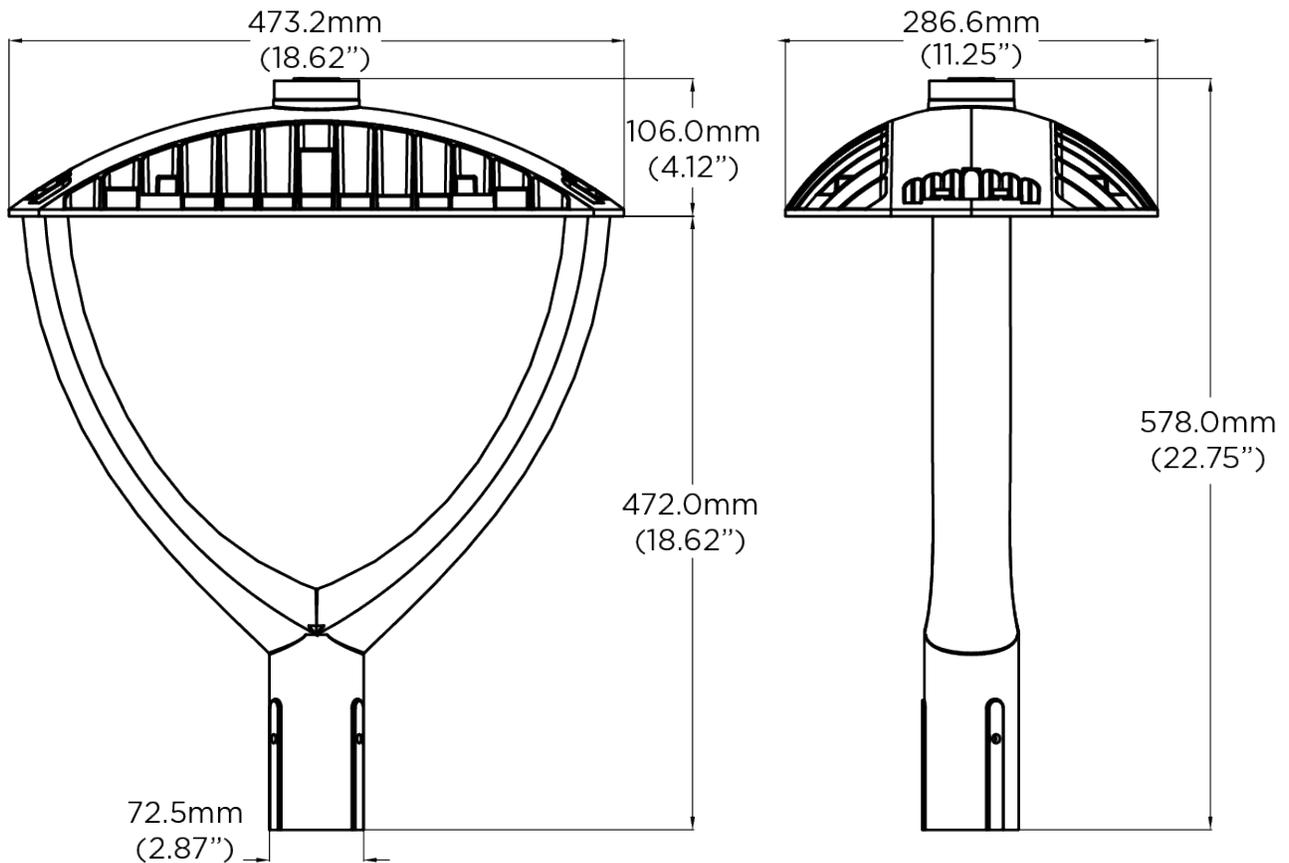
Box Weight: 8.8 kg

Box Quantity: 1

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

LINE DRAWING

Line Drawings





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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