

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

SERIES SPECIFICATIONS

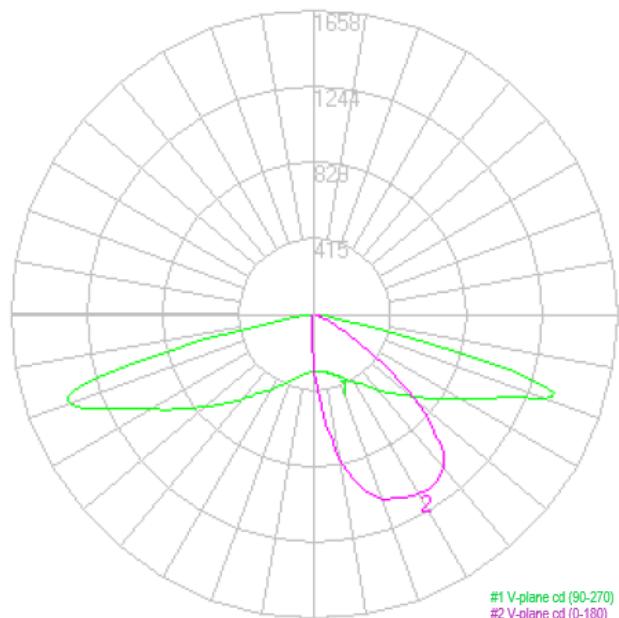


To supply Tamlite ARPT Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Powder Coated. All hardware to be stainless steel.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

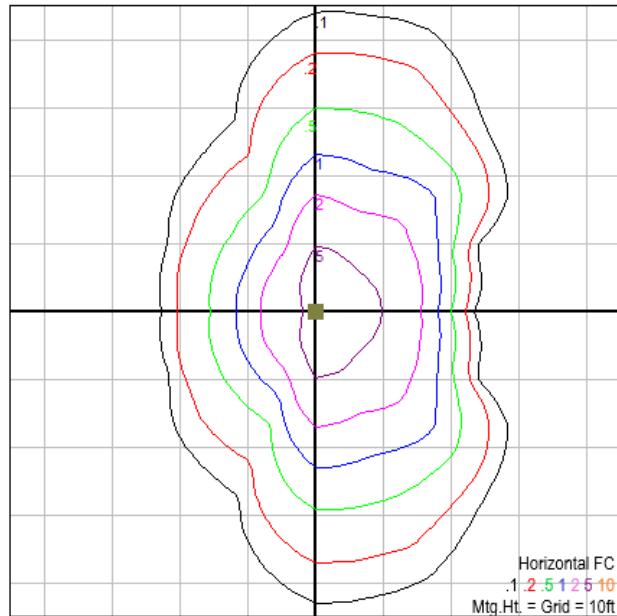


PERFORMANCE SPECIFICATIONS

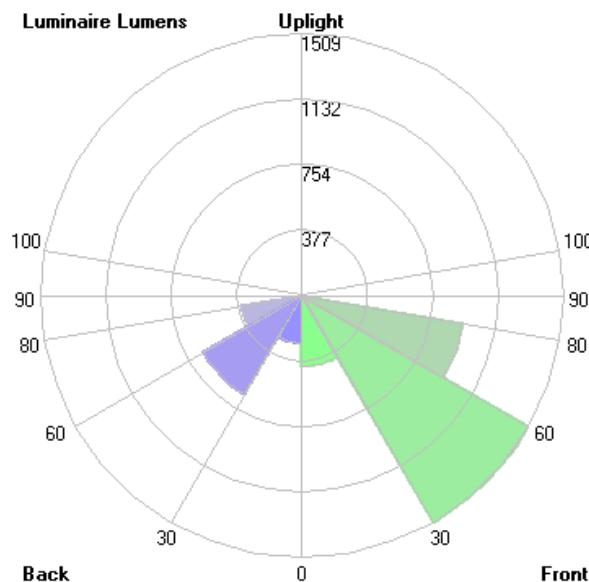
Luminance Distribution Chart



Isolux Diagram



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)

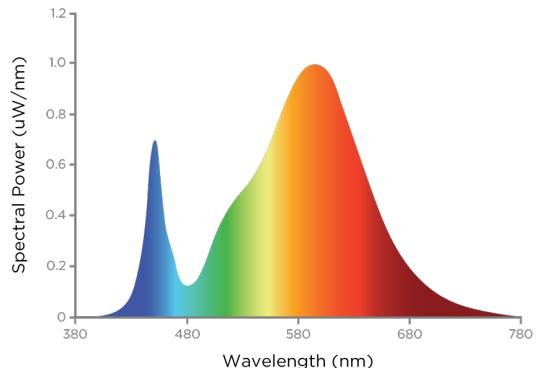
LED SPECIFICATIONS

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

SHIPPING INFORMATION

OrderingCode(s): ARPT4030KT2H-UN4-BZ

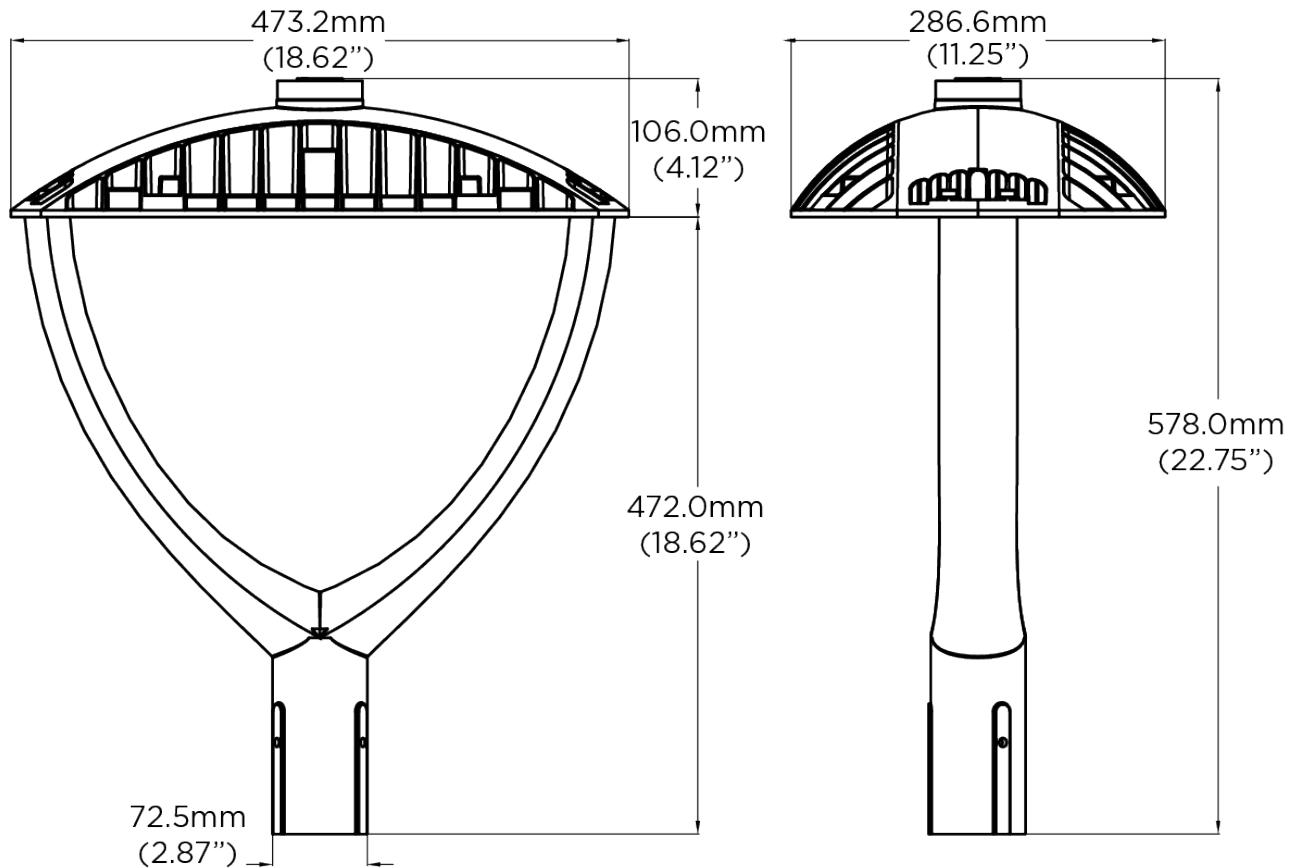
Box Weight: 8.8 kg

Box Quantity: 1

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

LINE DRAWING

Line Drawings



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 separately
					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