

Project:							
Location:							
Model#: ARPT803KT2H-UN4-BZ	Туре:						
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.









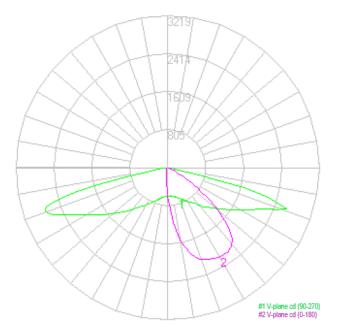




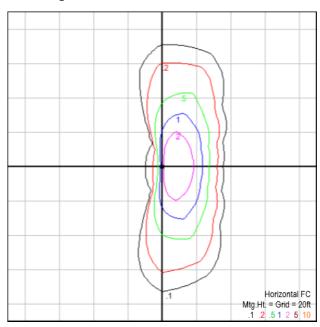


# PERFORMANCE SPECIFICATIONS

## **Luminance Distribution Chart**



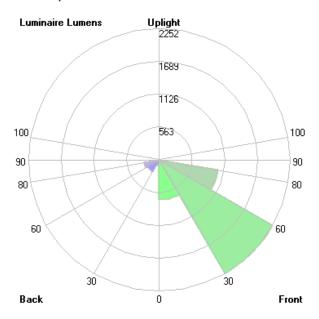
## **Isolux Diagram**





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# **BUG Graph**



### Lum. Classification System (LCS)

Lumana	
Lumens	%Lum
685.6	15.0
2252.0	49.4
1025.2	22.5
13.6	0.3
85.7	1.9
233.8	5.1
261.1	5.7
2.7	0.1
0.0	0.0
0.0	0.0
4559.7	100.0
B1-U0-G1	
	2252.0 1025.2 13.6 85.7 233.8 261.1 2.7 0.0 0.0 4559.7

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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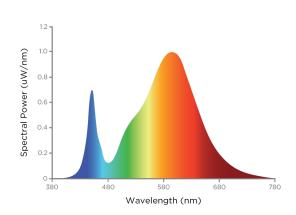
### **LED SPECIFICATIONS**

### **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					

## 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



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# SHIPPING INFORMATION

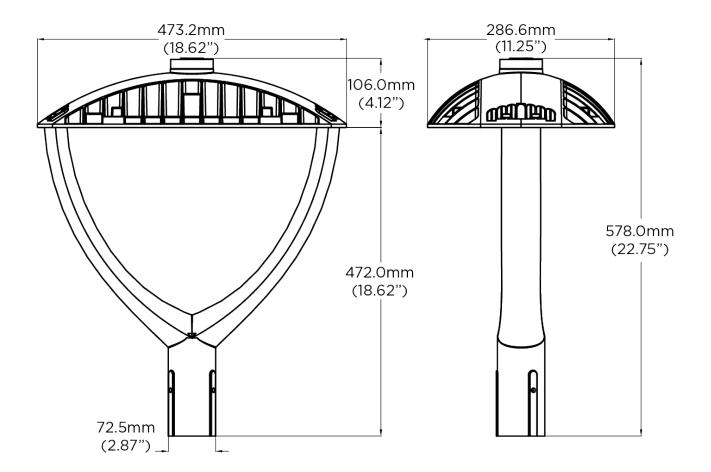
OrderingCode(s): ARPT8030KT2H-UN4-BZ

Box Weight: 9.2 kg Box Quantity: 1 Box Dimensions (L-W-H): 520 x 500 x

220 mm

# LINE DRAWING

# **Line Drawings**





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### **SERIES ARCHITECTURE**

# **Series Architecture**

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Part	Wa	ittage	CCT		Moun	ting	Optics		Voltage		Finish		Accessories	
ARPT	40	40W	30K	3000K	Blank	2-3/8" O.D. Tennon	T2	Type II	UNV	120-277VAC	BZ	Bronze	0	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			ТЗН	Type III with House Side Shield			CC	Custom	FSIR-100	Programming remote,
							T4	Type IV						sold seperately
							T4H	Type IV with House Side Shield						
							T5	Type V						
							T5H	Type V with House Side Shield						

Optional Extras: AR-N3PC-UN4