

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

SERIES SPECIFICATIONS

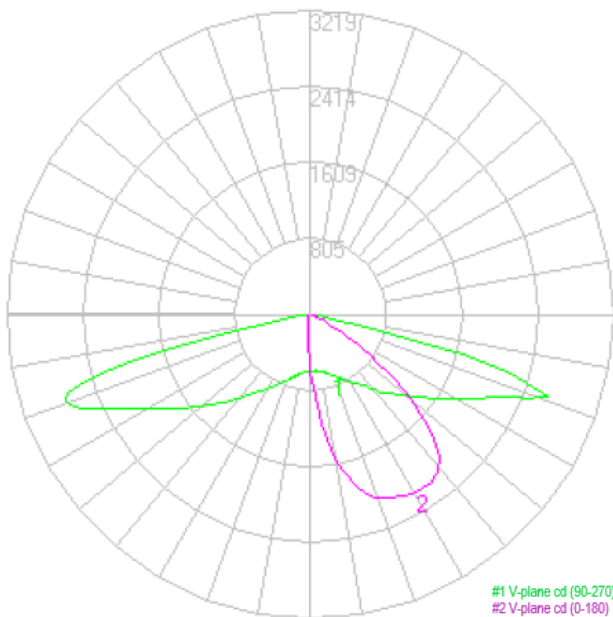


To supply Tamlite ARPT Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Textured Powder Coat over Chromate Conversion Coat.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

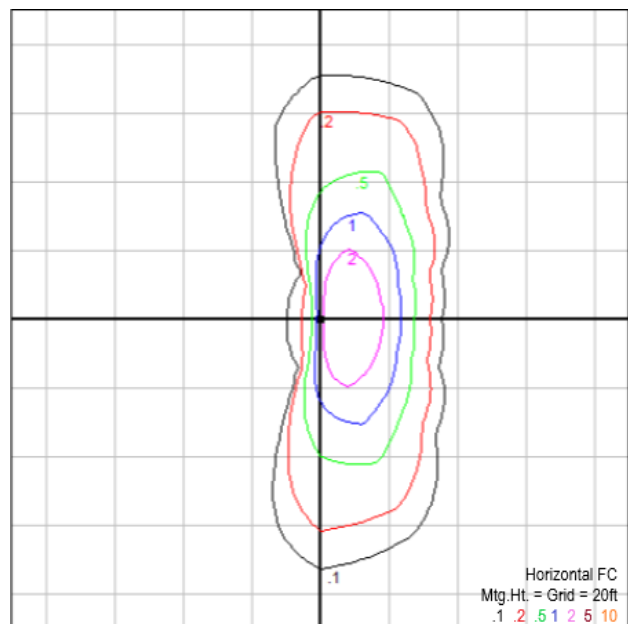


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



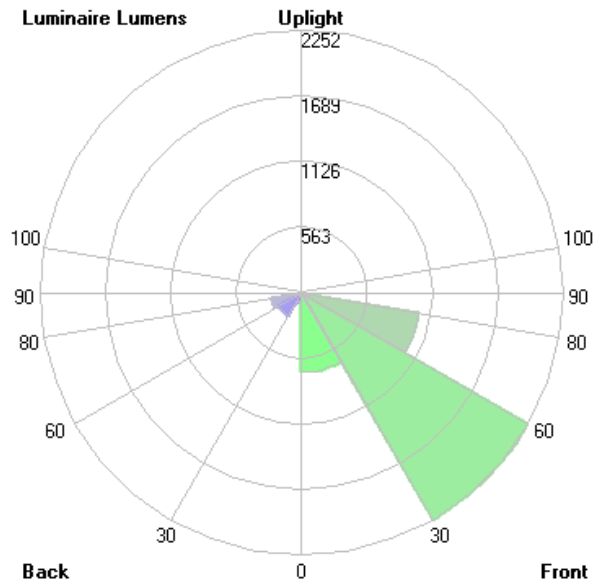
Isolux Diagram





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BUG Graph



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)

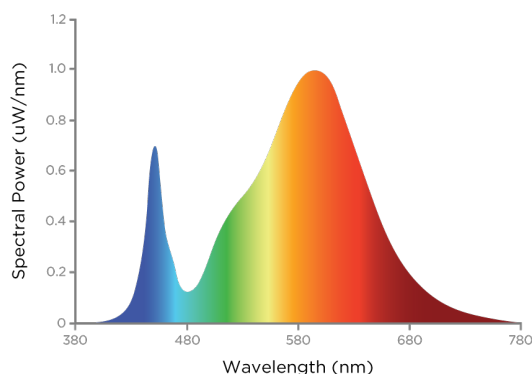
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LED SPECIFICATIONS

R Tables

R1	73	R9	0
R2	77	R10	46
R3	80	R11	76
R4	76	R12	50
R5	74	R13	73
R6	70	R14	89
R7	80	R15	67
R8	61	--	--

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

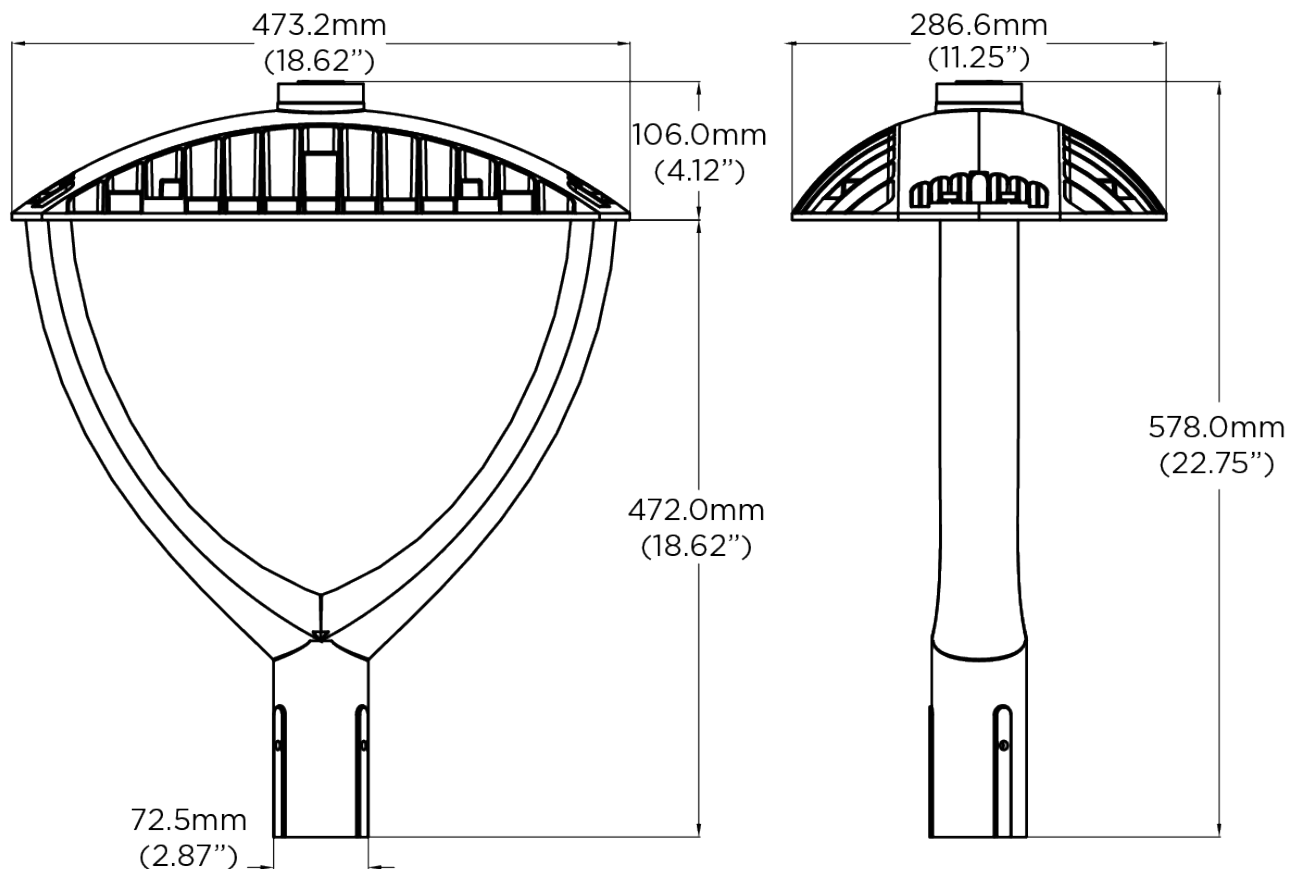
Box Weight: 9.2 kg

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

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