

Project:							
Location:							
Model#: ARPT8030KT2H-UN4-BK	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.











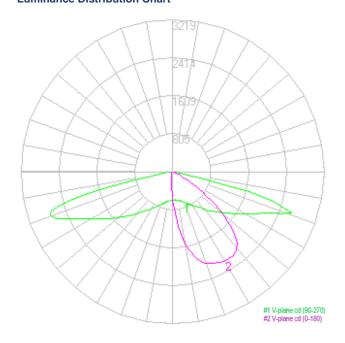




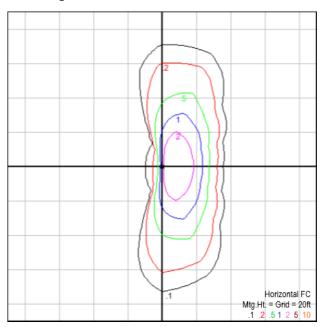


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



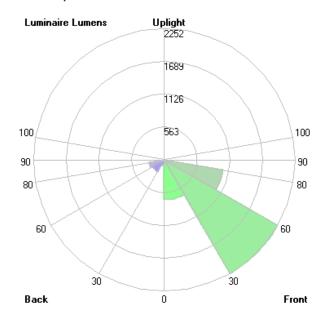
Isolux Diagram





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BUG Graph



Lum. Classification System (LCS)

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
ВМ	(30-60)	233.8	5.1
ВН	(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
Tota	I	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: TCA_BUG_ARPT80-

T2H_02.png

Ambient Operating Temp: -40C to +40C Limited Product Warranty: 10 Year(s)



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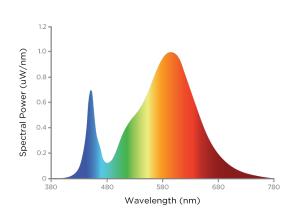
LED SPECIFICATIONS

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: 50-60Hz
Inrush Current: 1.3 A2S
Power Factor @347Vac:>.90
Driver MTBF: 61,900hrs

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 @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@347Vac: 0.2105 Auxiliary Control: 12 VDC THD @347Vac(%): <15% Surge Suppression: 10kV

Over Temperature Protection: Auto recovery. Current returns to normal after

over temperature is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Black (RAL-9011) Mounting: 2.375" O.D. Top Tenon Lens Type: Clear Optics

Chromate Conversion Coat

Housing Material: ADC12 Aluminium **Entries:** Gasketed Wire Entry

Finish Type: Textured Powder Coat over

Wiring: Internal Junction Lens Material: PMMA



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SHIPPING INFORMATION

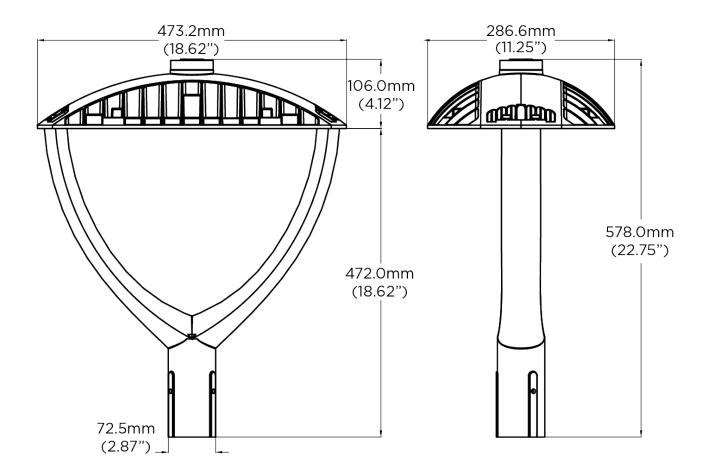
OrderingCode(s): ARPT8030KT2H-UN4-BK

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	34/	attage	CCT		Moun	ting	Onti	ice	Volta	ugo.	Fini	ch	Accessories	
Part	VV	attage	CCI		Moun	ung	Optics		Voltage		FIIIISII		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
							Т4Н	Type IV with House Side Shield						
							T5	Type V						
							T5H	Type V with House Side Shield						

Optional Extras: AR-N3PC-UN4