

Project:		
Location:		
Model#:	ARPT805KT5-UNV-BZ	Type:
Client:		Qty:
Prepared by:		Date:

SERIES SPECIFICATIONS

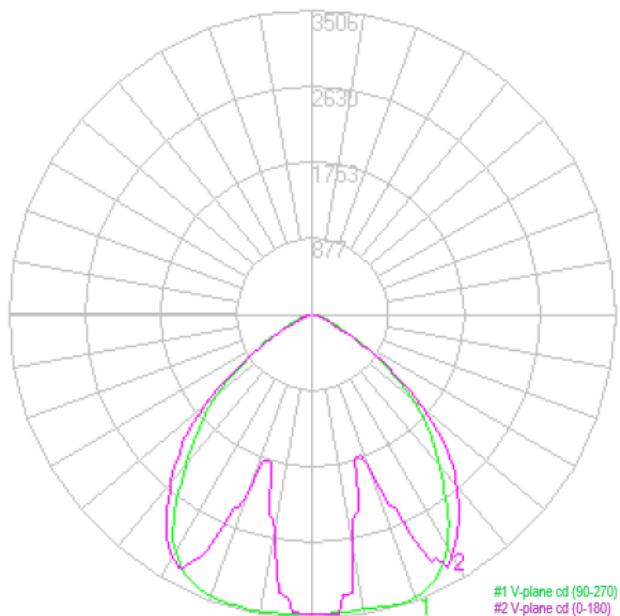


To supply Tamlite ARPT Series of LED fixtures as specified. The luminaire shall operate at 120-277Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Textured Powder Coat over Chromate Conversion 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 , DLC Approved listed.

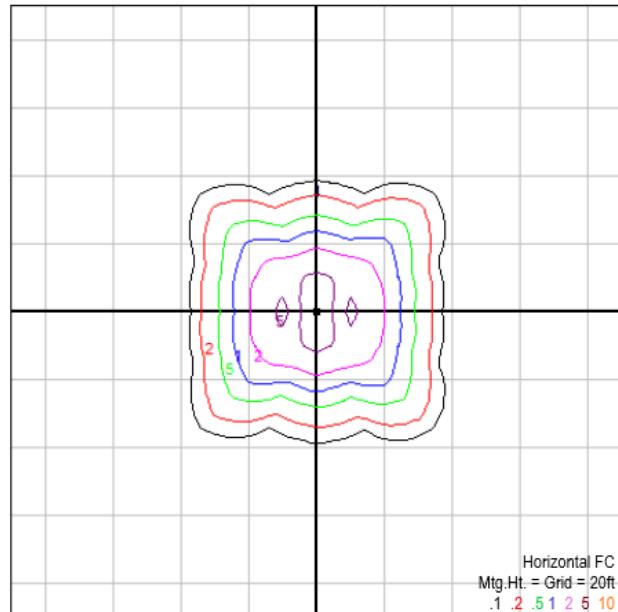


PERFORMANCE SPECIFICATIONS

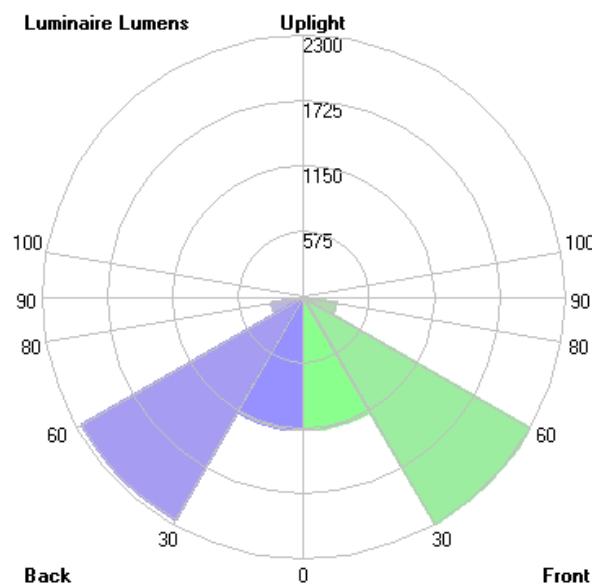
Luminance Distribution Chart



Isolux Diagram



BUG Graph



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lum
FL (0-30)	1168.9	15.6
FM (30-60)	2300.1	30.7
FH (60-80)	297.2	4.0
FVH (80-90)	7.6	0.1
BL (0-30)	1166.2	15.6
BM (30-60)	2252.5	30.1
BH (60-80)	286.8	3.8
BVH (80-90)	8.3	0.1
UL (90-100)	0.0	0.0
UH (100-180)	0.0	0.0
Total	7487.6	100.0
BUG Rating	B3-U0-G0	

Initial Lumen Output: 7448lm

BUG Rating: B3-U0-G0

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

Efficacy: 101.1lm/W

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA
, DLC Approved

Limited Product Warranty: 10 Year(s)

Luminaire Type: Type V - Very Short

UL Classification: Wet Location Listed

DLC Number: PEB1P26R

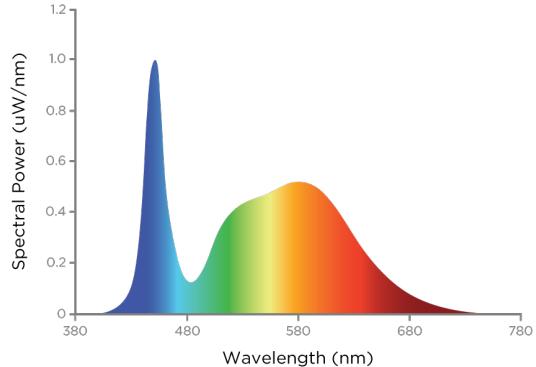
LED SPECIFICATIONS

R Tables

R1	74
R2	77
R3	78
R4	76
R5	75
R6	69
R7	79
R8	62

R9	0
R10	44
R11	77
R12	51
R13	73
R14	87
R15	68
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SPD



Source Type: LED

CRI: >70

Chromaticity: x=0.3375 y=0.3396

Manufacturer: Nichia®

L70: 60000 Hrs.

Colour Tolerance: 3 SDCM

Part Number: NVSW219

Colour Temperature: 5000K

Duv: 0.005

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®

Input Frequency: 50/60 Hz

Inrush Current: 1.3 A2S

Power Factor at 120Vac: > 0.90

Driver MTBF: 99,000 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: EUG-075S175DT

Fixture Draw: 72.89W

Max On-Delay: < 1 S

THD at 120Vac(%): < 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: 120-277Vac

Current Draw at 120Vac:

0.60924439986626

Auxiliary Control: 12 Vdc

THD at 277Vac(%): < 10%

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

SHIPPING INFORMATION

OrderingCode(s): ARPT8050KT5-UNV-BZ

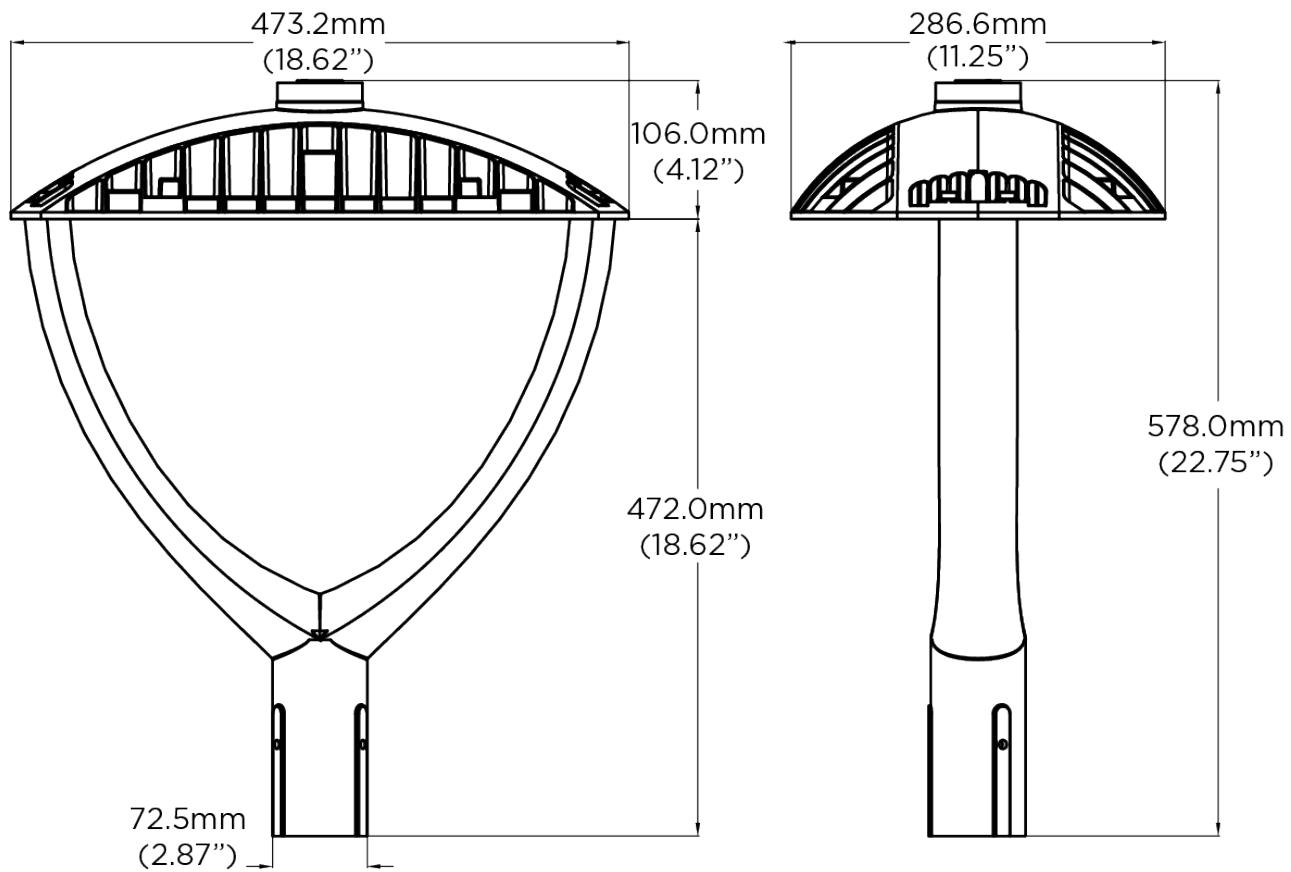
Box Weight: 9.2 kg

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-UNV