

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.

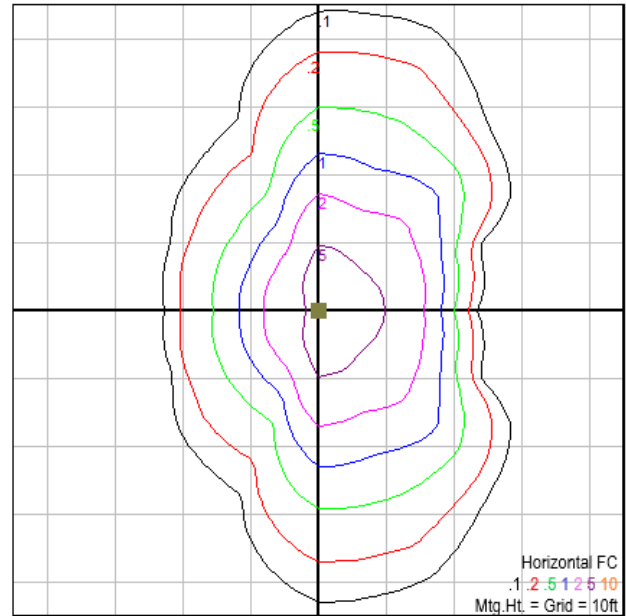


PERFORMANCE SPECIFICATIONS

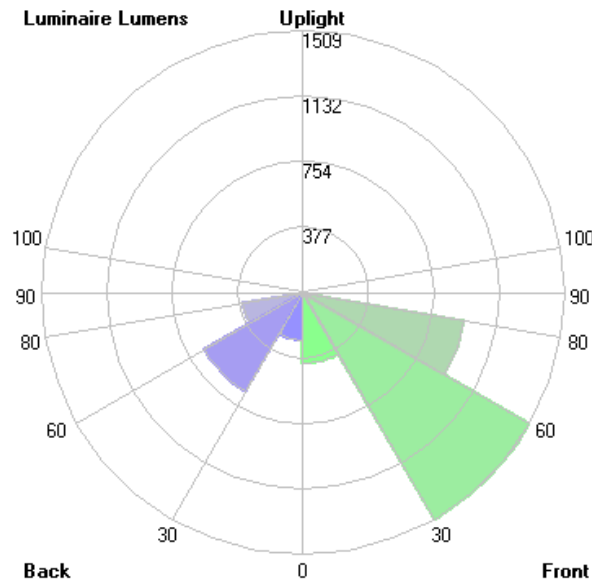
Luminance Distribution Chart



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

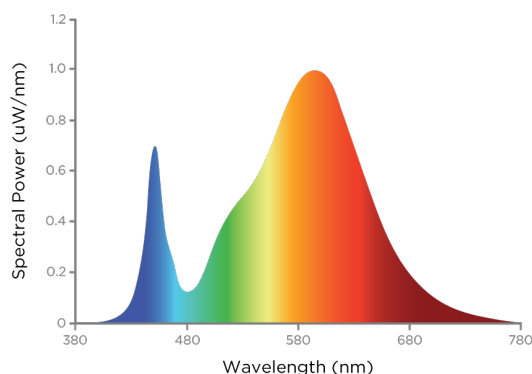
Limited Product Warranty: 10 Year(s)

LED SPECIFICATIONS

R Tables

R1	73	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

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

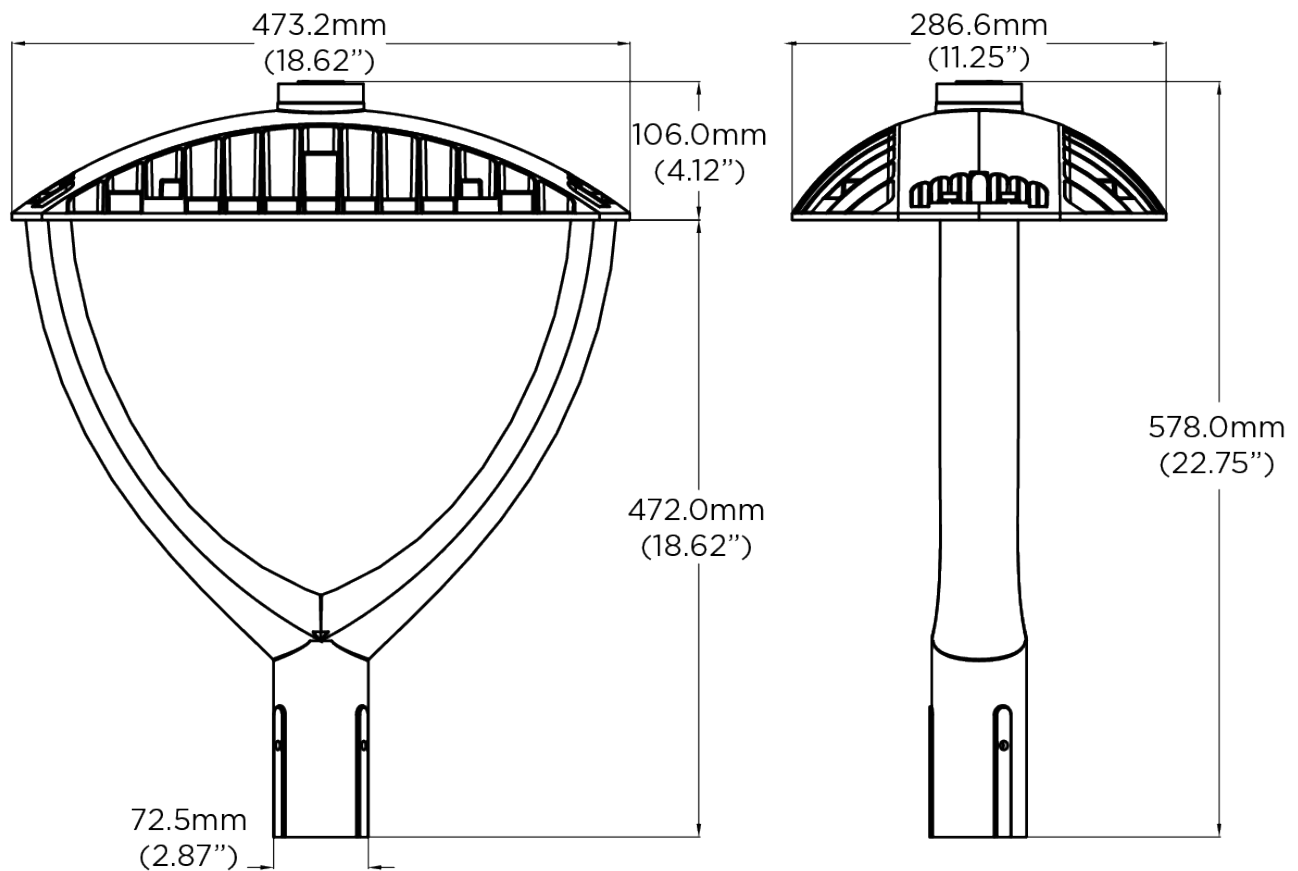
Box Weight: 8.8 kg

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 80 80W	30K 3000K 40K 4000K 50K 5000K AM Amber	Blank 2-3/8" O.D. Tennon	T2 Type II T2H Type II with House Side Shield T3 Type III T3H Type III with House Side Shield T4 Type IV T4H Type IV with House Side Shield T5 Type V T5H Type V with House Side Shield	UNV 120-277VAC UN4 347VAC	BZ Bronze BK Black WH White CC Custom	O Occupancy Sensor AR-N3PC-UNV 120VAC Photo control AR-N3PC-UN4 347VAC Photo control FSIR-100 Programming remote, sold seperately

Optional Extras: AR-N3PC-UN4