

| Project: | | | | | | | |
|----------------------------|-------|--|--|--|--|--|--|
| Location: | | | | | | | |
| Model#: ARPT403KT2H-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 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.









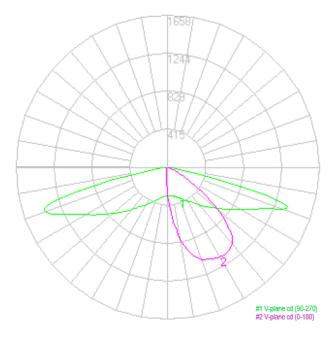




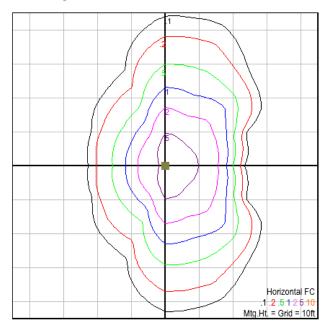


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



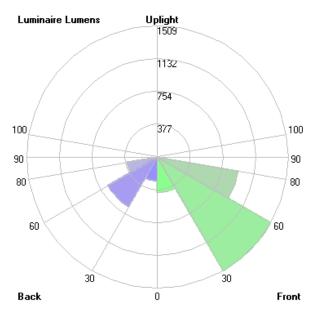
Isolux Diagram





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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 |
| ВМ | (30-60) | 656.1 | 15.7 |
| ВН | (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 |
| Tota | I | 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)



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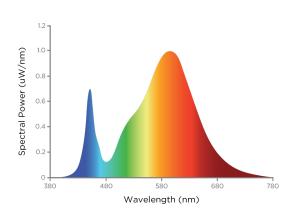
LED SPECIFICATIONS

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

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



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SHIPPING INFORMATION

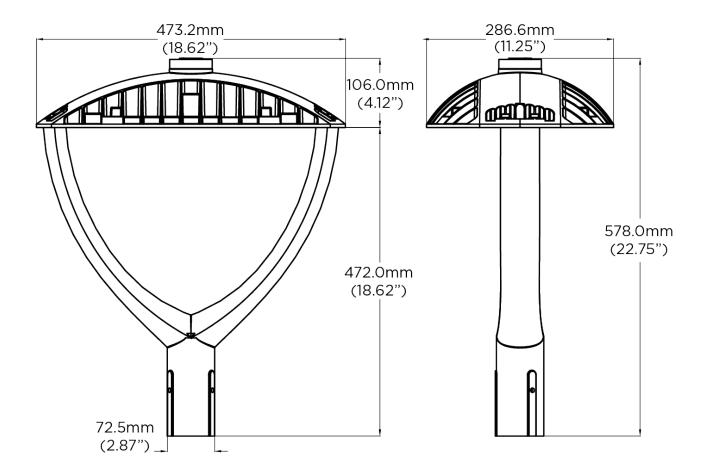
OrderingCode(s): ARPT4030KT2H-UN4-BZ

Box Weight: 8.8 kg **Box Quantity:** 1 **Box Dimensions (L-W-H):** 520 x 500 x

220 mm

LINE DRAWING

Line Drawings





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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 | | rillisii | | 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