

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

## SERIES SPECIFICATIONS

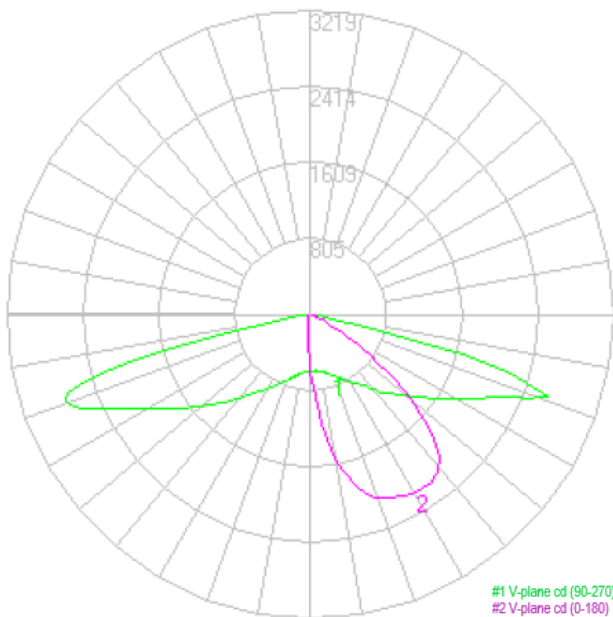


To supply TamLite ARPT Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Textured Powder Coat over Chromate Conversion Coat.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

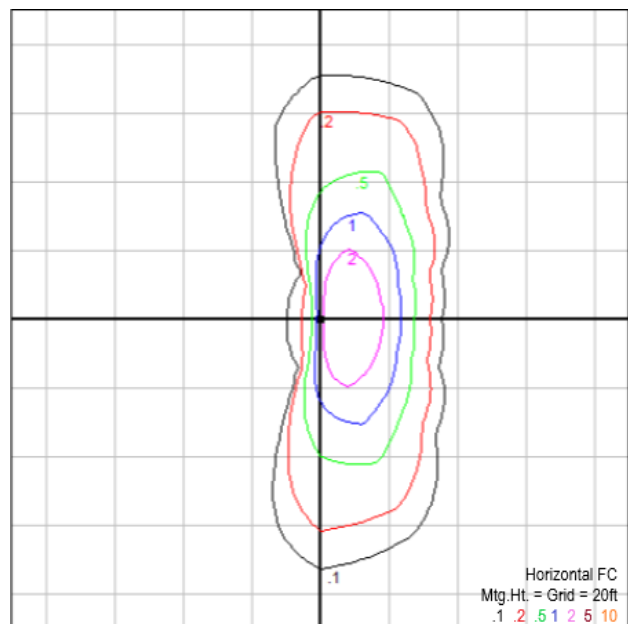


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

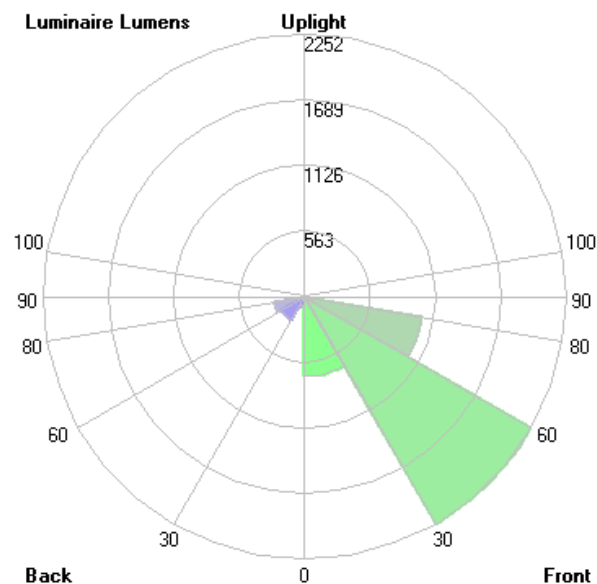


Isolux Diagram



|                            |       |
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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          |
| <b>Total</b>      | <b>4559.7</b>   | <b>100.0</b> |
| <b>BUG Rating</b> | <b>B1-U0-G1</b> |              |

**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

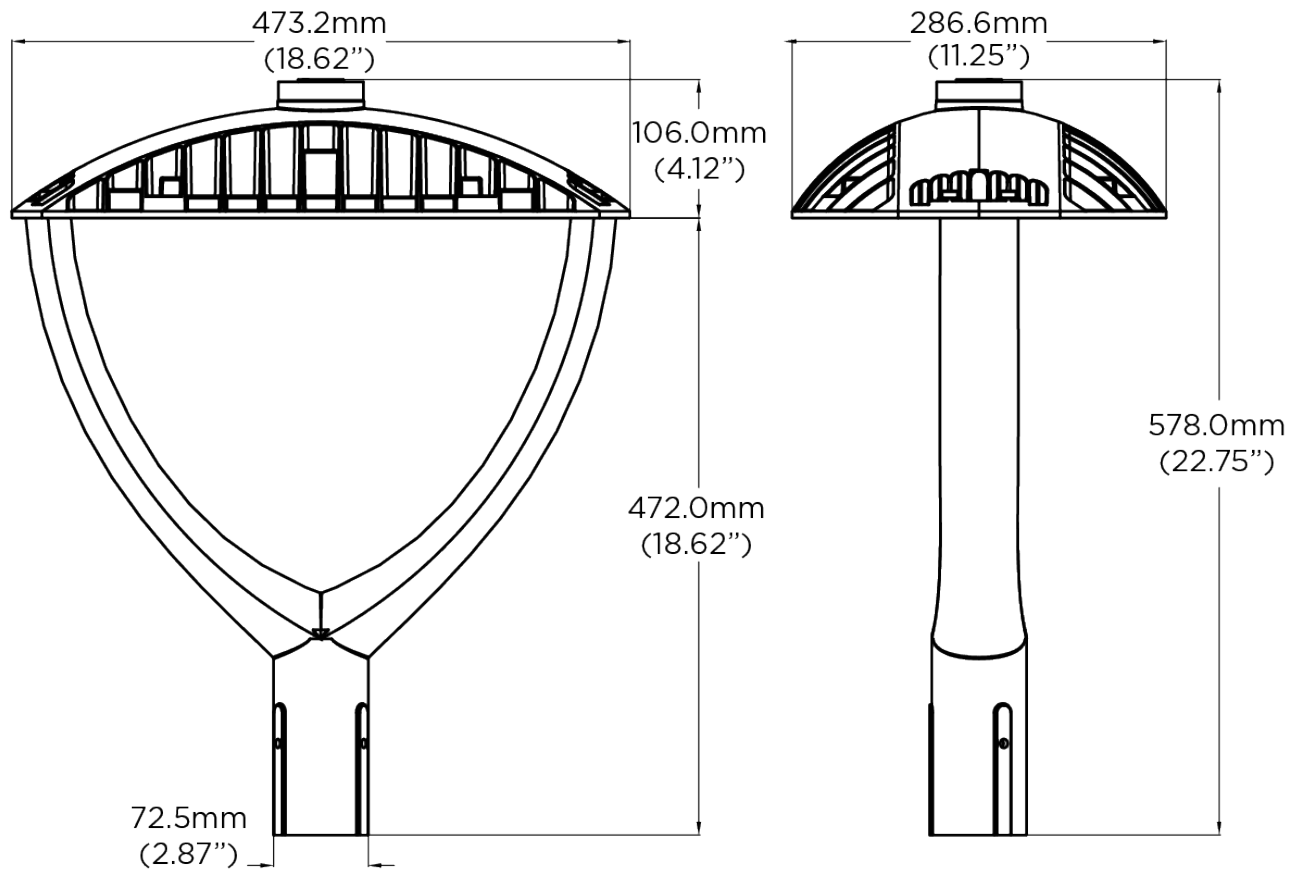
Box Weight: 9.2 kg

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