

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

## SERIES SPECIFICATIONS

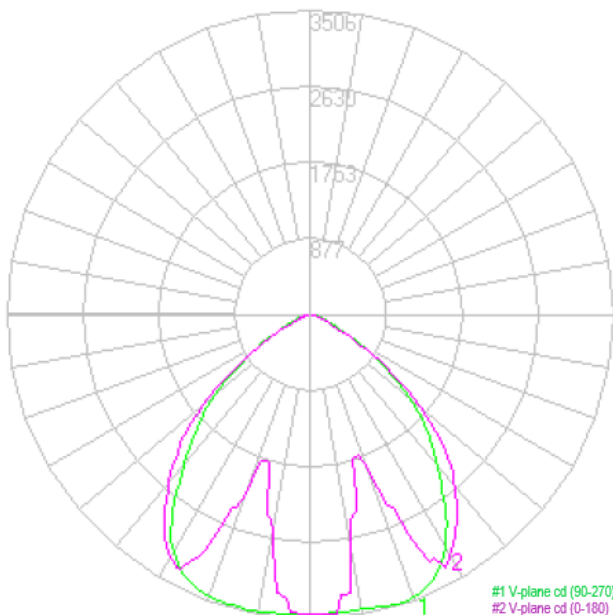


To supply TamLite ARPT Series of LED fixtures as specified. The luminaire shall operate at 120-277Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 Aluminium with a Textured Powder Coat over Chromate Conversion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

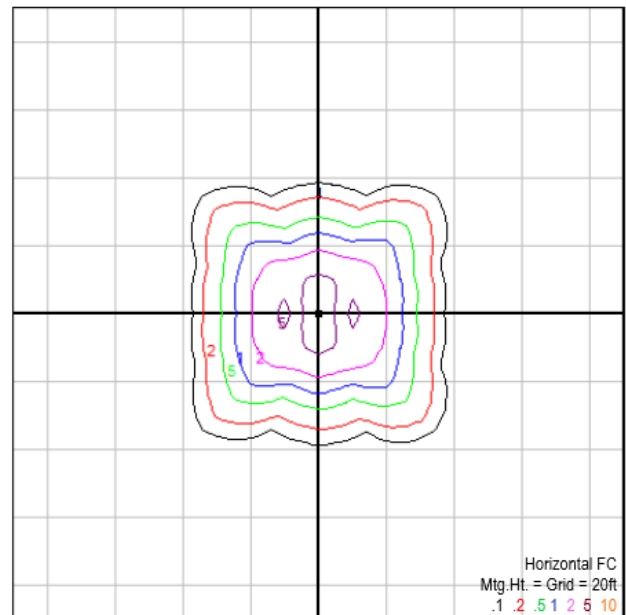


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



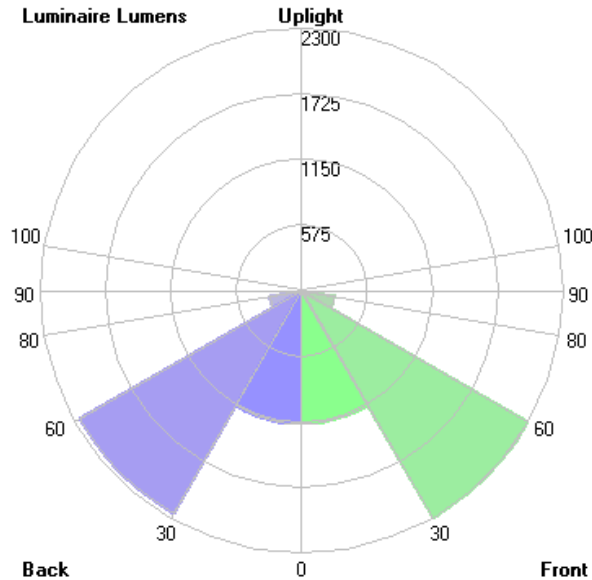
Isolux Diagram





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### 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          |
| <b>Total</b>      | <b>7487.6</b>   | <b>100.0</b> |
| <b>BUG Rating</b> | <b>B3-U0-G0</b> |              |

**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

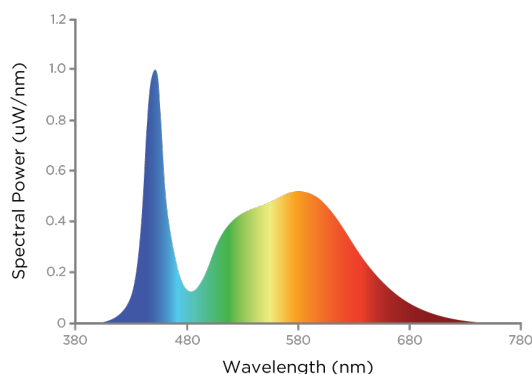
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## LED SPECIFICATIONS

### R Tables

|    |    |     |    |
|----|----|-----|----|
| R1 | 74 | R9  | 0  |
| R2 | 77 | R10 | 44 |
| R3 | 78 | R11 | 77 |
| R4 | 76 | R12 | 51 |
| R5 | 75 | R13 | 73 |
| R6 | 69 | R14 | 87 |
| R7 | 79 | R15 | 68 |
| R8 | 62 | --  | -- |

### 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

|                           |       |
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## SHIPPING INFORMATION

OrderingCode(s): ARPT8050KT5-UNV-BZ

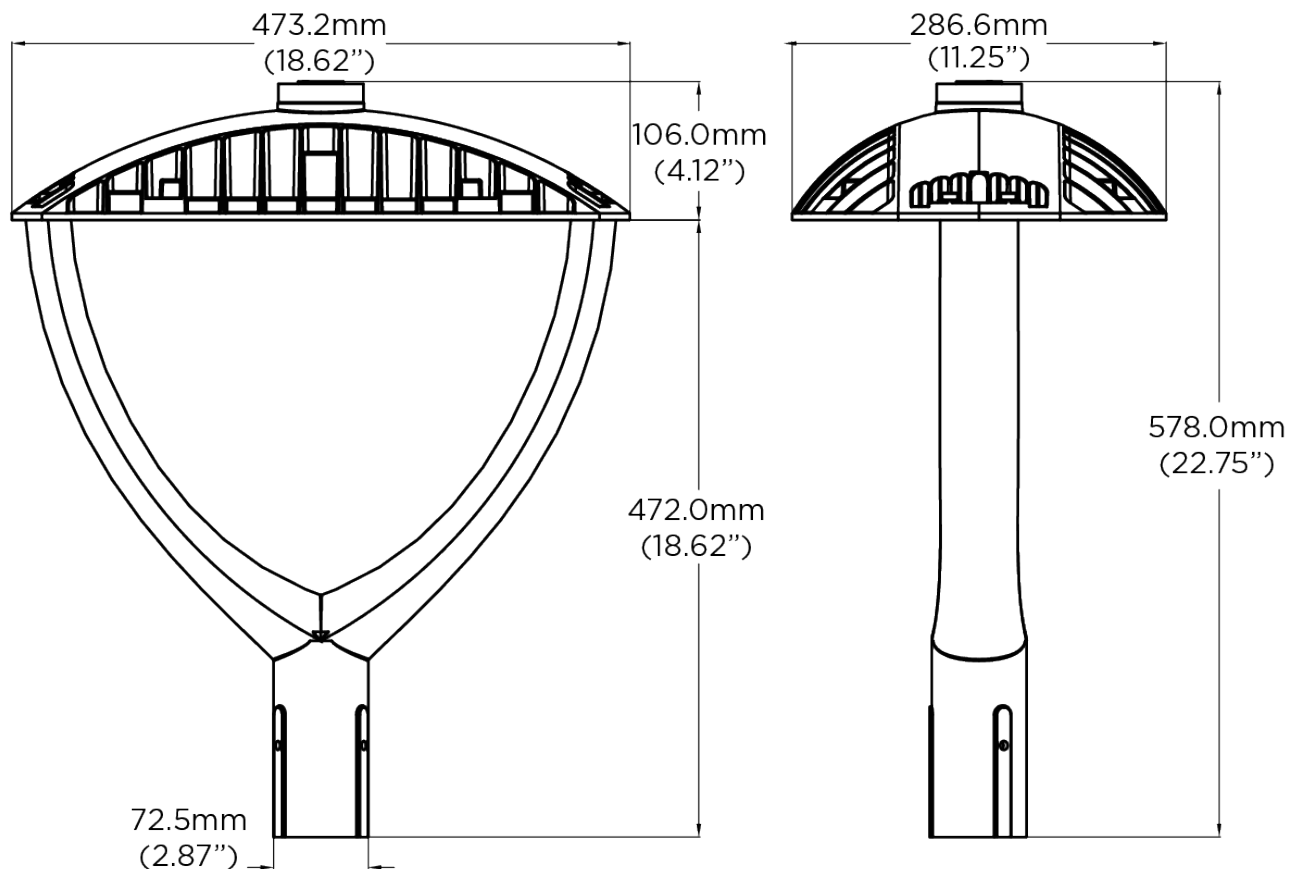
Box Weight: 9.2 kg

Box Quantity: 1

Box Dimensions (L-W-H): 520 x 500 x 220 mm

## LINE DRAWING

### Line Drawings





|                           |       |
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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-UNV