

| | |
|-----------------------------|-------|
| Project: | |
| Location: | |
| Model#: ARPS353K3RT2-UNV-BZ | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

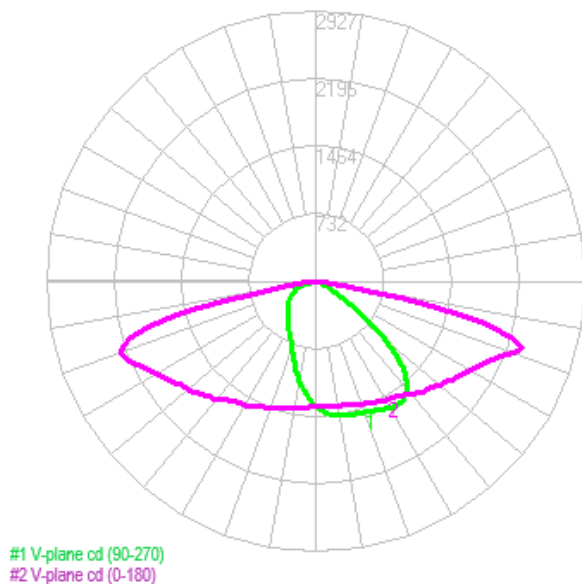


To supply TamLite ARPS Series of LED fixtures as specified. The luminaire shall operate at 120-277Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion 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 listed.

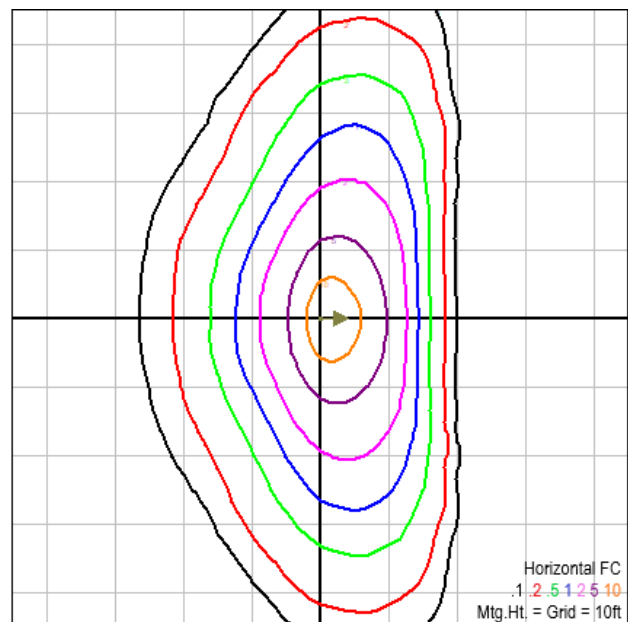


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



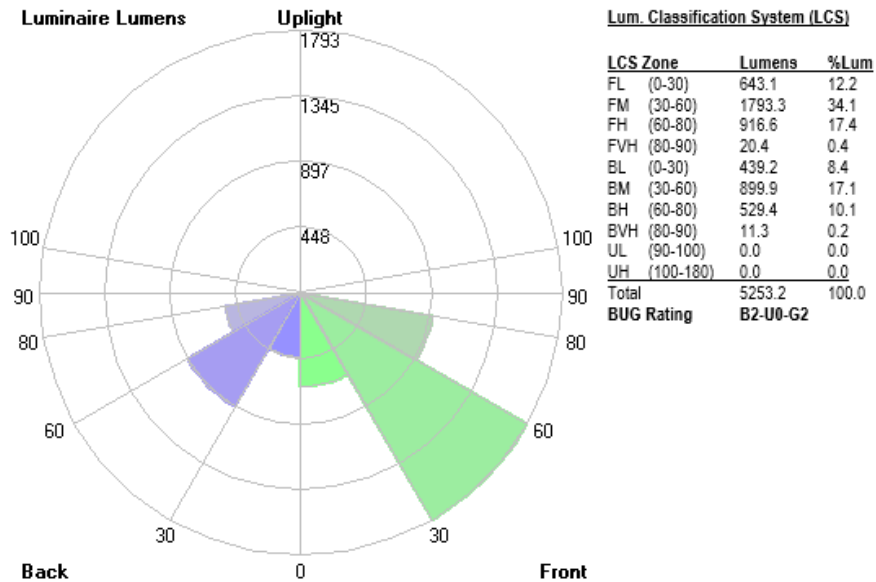
Isolux Diagram





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BUG Graph



Initial Lumen Output: 5253lm

BUG Rating: B2-U0-G2

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 10 Year(s)

Efficacy: 145lm/W

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

Luminaire Type: Type II - Medium

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

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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: 0.006

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®
Input Frequency: 50/60 hz
Current Draw at 277Vac: 0.1336
Auxiliary Control: 12 Vdc
THD at 277Vac(%): < 10%
Max Operating Case Temperature: 90C
Dimming Current mA: .25 mA
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Driver Part Number: EUC-042SxxxDS
Fixture Draw: 37W
Inrush Current: 0.32 A2S
Power Factor at 120Vac: > 0.90
THD at 347Vac(%):
Surge Suppression: 10kV
Over Temperature Protection: Auto recovery. Current returns to normal after over temperature is removed.

Input Voltage: 120-277Vac
Current Draw at 120Vac: 0.3083
Max On-Delay: < 1 S
Power Factor at 277Vac: > 0.90
Driver MTBF: 327,000 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.

PHYSICAL SPECIFICATIONS

Finish Colour: Bronze (RAL-8019)
Mounting:: 3" round pole
Lens Type: clear optics
Entries: gasketed wire entry

Finish Type: Textured powder coat over chromate conversion coat
Housing Material: ADC12 aluminium
Weight: 4.7 kg

Wiring: internal junction
Lens Material: PMMA
EPA: 1.39 sqft

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SHIPPING INFORMATION

OrderingCode(s): ARPS353KT2-UNV-BZ, AR-PSSQ-BZ, AR-PS3R-BZ

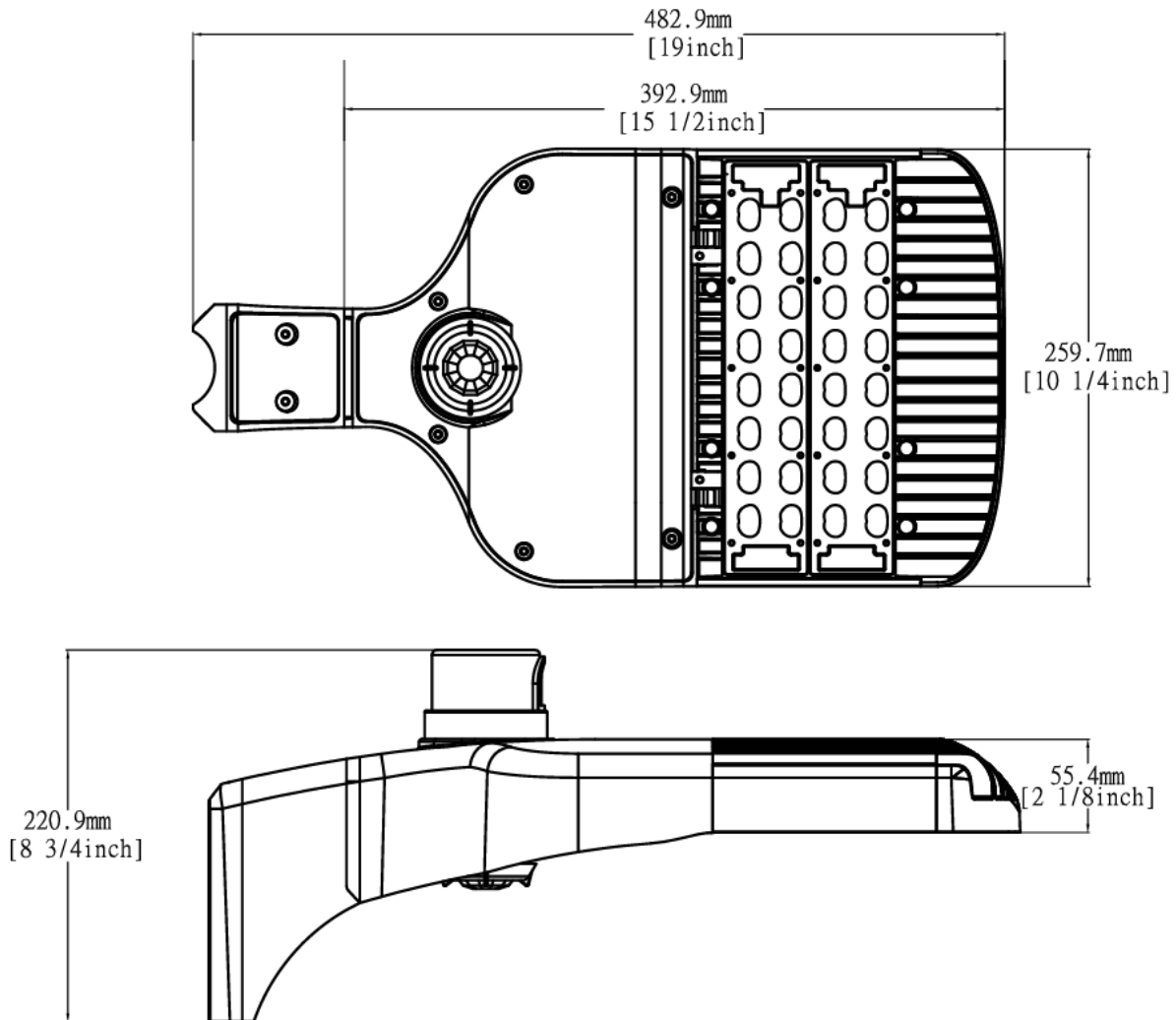
Box Weight: 4.7 kg

Box Quantity: 1

Box Dimensions (L-W-H): 495 x 340 x 180 mm

LINE DRAWING

Line Drawings





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SERIES ARCHITECTURE

Series Architecture

| ARPS | | | | | | | | | | | | | |
|------|---------|------|-----|-------|----------|---------------|--------|------------------------|---------|------------|--------|--------|-------------|
| Part | Wattage | | CCT | | Mounting | | Optics | | Voltage | | Finish | | Accessories |
| ARPS | 35 | 35W | 30K | 3000K | SQ | SQ Pole Mount | T2 | Type II | UNV | 120-277VAC | BZ | Bronze | [blank] |
| | 75 | 75W | 40K | 4000K | 3R | 3" RD Pole | T2H | with House Side Shield | UN4 | 347VAC | BK | Black | O |
| | 140 | 140W | 50K | 5000K | 4R | 4" RD Pole | T3 | Type III | WRV | 120-347VAC | WH | White | AR-N3PC-UNV |
| | 185 | 185W | AM | Amber | 5R | 5" RD Pole | T3H | with House Side Shield | | | CC | Custom | AR-N3PC-UN4 |
| | | | | | SF | Slip Fitter | T4 | Type IV | | | | | AR-SPIKE |
| | | | | | | | T4H | with House Side Shield | | | | | FSIR-100 |
| | | | | | | | T5 | Type V | | | | | |
| | | | | | | | T5H | with House Side Shield | | | | | |

Optional Extras: AR-PSWM, AR-SPIKE, AR-N3PC-UN4