

| | |
|-----------------------------|-------|
| Project: | |
| Location: | |
| Model#: ARWP4030KBT2-UN4-BZ | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

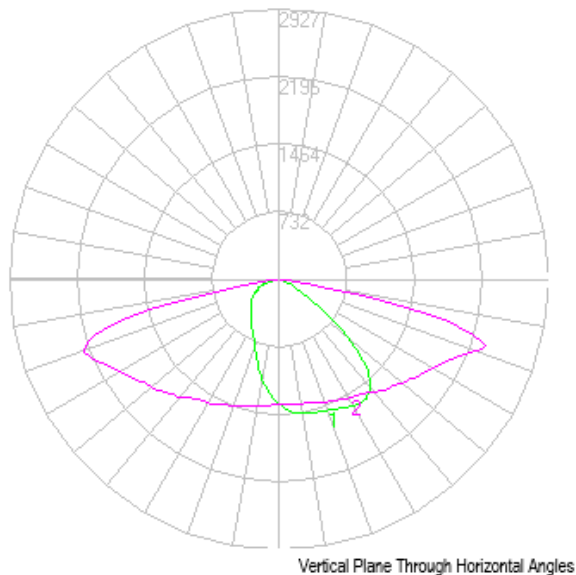


To supply TamLite ARWP series of LED fixtures as specified. The luminaire shall operate at 347-480Vac and use a 1-10V dimmable, constant current type Inventronics driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware to be stainless steel. Bottom access wiring compartment to be hinged and sealed with a durable formed gasket. Optics to be constructed of Acrylic and be sealed via captive gasket. LED's shall be as specified NICHIA® NVSL219B with a 3 step SDCM colour tolerance. Fixture shall be cULus Listed.



PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Initial Lumen Output: 5253
Luminaire Type: Type II - Medium
Ambient Operating Temp: -40C to +40C
Limited Product Warranty: 10 Year(s)

Efficacy: 145 lm/W
Environmental Rating(s): IP66
Certification Standards: UL Safety US-CA

Max Candela: 2927.34cd (80 h, 72V)
UL Classification: Wet Location Listed
CCN Number: IFAM7.E359675

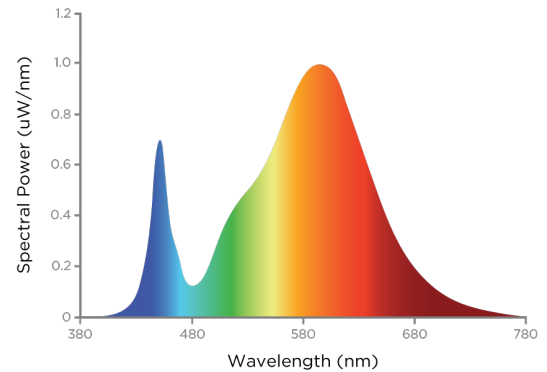
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LED SPECIFICATIONS

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=0.4370 y=0.4041

Manufacturer: Nichia®
L70: 60000 Hrs.
Colour Tolerance: 3 SDCM

Part Number: NVSW219
Colour Temperature: 3000K
Duv: 0.0018

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®
Fixture Draw: 36.48W
Max On-Delay: < 1S
THD at 347Vac(%): < 15%
Dimming: 0-10Vdc, (0% Min Light Level)
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Input Voltage: 347Vac
Current Draw at 347Vac: 0.1051A
Auxiliary Control: 12Vdc
Driver MTBF: 116,000 hrs
Over Temperature Protection: Decreases output current, returning to normal after over temperature is removed.

Input Frequency: 50/60 hz
Inrush Current: 0.32A2S
Power Factor at 347Vac: > 0.90
Max Operating Case Temperature: 90C
Short Circuit Protection: Auto Recovery.
The power supply shall self-recover when the fault condition is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Bronze (RAL-8019)
Mounting: Vertical Wall Surface
Lens Type: Clear

Finish Type: Polyester powder coat over a chromate finish
Housing Material: ADC12 Aluminium
Entries: Gasketed Wire Entry

Wiring: Gasketed Wire Entries
Lens Material: PMMA

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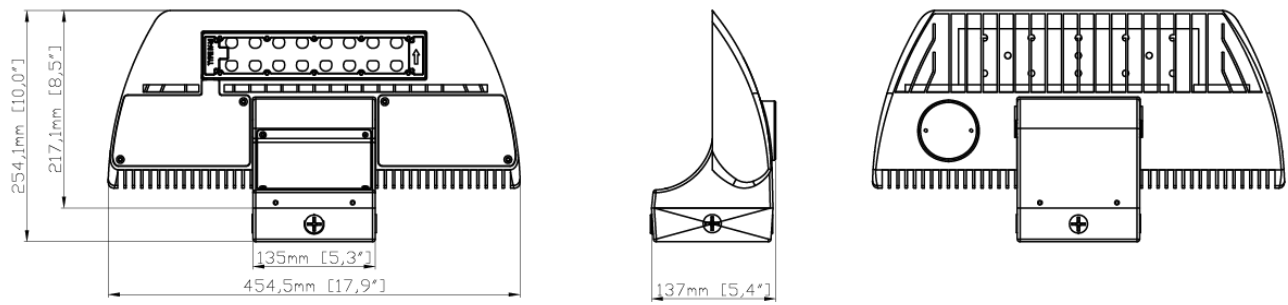
SHIPPING INFORMATION

OrderingCode(s): ARWP4050KBT3-UNV-BK, AR-N7S ARWP-BB-S, ARWP-BB-S

Box Quantity: 1

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

| ARWP- | | | | | | | | | | | |
|-------|---------|------|-----|-------|----------|------------|--------|---------------------------------|---------|------------|---|
| Part | Wattage | | CCT | | Mounting | | Optics | | Voltage | | Accessories |
| ARWP | 20 | 20W | 30k | 3000K | Blank | Wall Mount | T2 | Type II | UNV | 120-277VAC | BZ Bronze BBS Back Box Small |
| | 40 | 40W | 40k | 4000K | B | Back Box | T2H | Type II with House Side Shield | UN4 | 347VAC | BK Black BBM Back Box Medium |
| | 80 | 80W | 50k | 5000K | | | T3 | Type III | | | WH White AR-N3PC-UNV NEMA 3 Socket |
| | 120 | 120W | AM | Amber | | | T3H | Type III with House Side Shield | | | CC Custom AR-N3PC-UN4 NEMA 7 Socket |
| | | | | | | | T4 | Type IV | | | O Occupancy Sensor |
| | | | | | | | T4H | Type IV with House Side Shield | | | FSIR-100 Programing Remote for Occupancy Sensor |
| | | | | | | | T5 | Type V | | | |
| | | | | | | | T5H | Type V with House Side Shield | | | |

Optional Extras: AR-N7S, AR-N3PC-UN4