

| | |
|-----------------------------|-------|
| Project: | |
| Location: | |
| Model#: ARWP8030KBT2-UN4-BZ | Type: |
| Client: | Qty: |
| Prepared by: | Date: |

SERIES SPECIFICATIONS

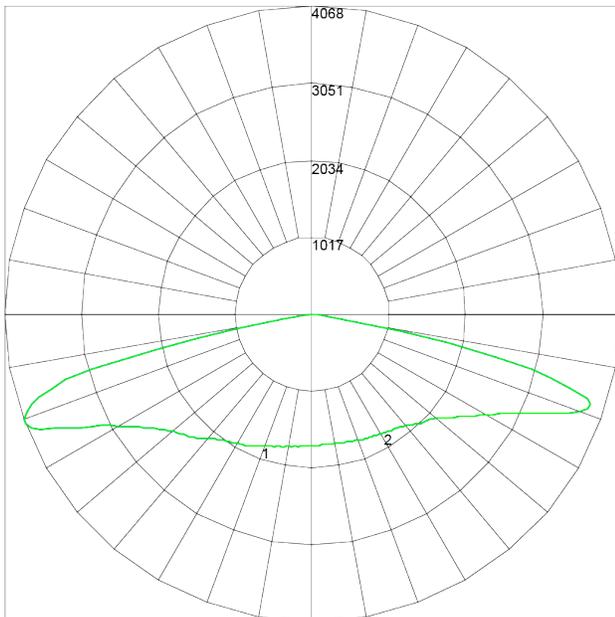


To supply Tamlite ARWP series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10V dimmable, constant current type Inventronics driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware 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

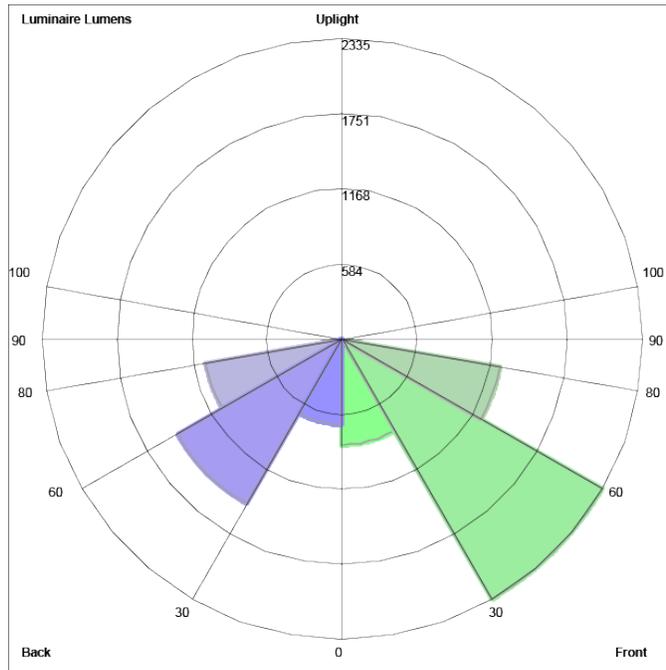


Maximum Candela = 4068.02 Located At Horizontal Angle = 270, Vertical Angle = 69
 # 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)



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BUG Graph



LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|-----------------|-------------|--------------|
| FL - Front-Low (0-30) | 821.7 | N.A. | 10.7 |
| FM - Front-Medium (30-60) | 2335.0 | N.A. | 30.5 |
| FH - Front-High (60-80) | 1247.7 | N.A. | 16.3 |
| FVH - Front-Very High (80-90) | 5.5 | N.A. | 0.1 |
| BL - Back-Low (0-30) | 662.2 | N.A. | 8.7 |
| BM - Back-Medium (30-60) | 1477.9 | N.A. | 19.3 |
| BH - Back-High (60-80) | 1073.1 | N.A. | 14.0 |
| BVH - Back-Very High (80-90) | 21.3 | N.A. | 0.3 |
| UL - Uplight-Low (90-100) | 0.0 | N.A. | 0.0 |
| UH - Uplight-High (100-180) | 0.0 | N.A. | 0.0 |
| Total | 7644.4 | N.A. | 100.0 |
| BUG Rating | B3-U0-G3 | | |

Luminaire Lumens:
 Front: Low=821.7, Medium= 2335.0, High=1247.7, Very High=5.5
 Back: Low=662.2, Medium=1477.9, High=1073.1, Very High=21.3
 Uplight: Low=0.0, High=0.0

Initial Lumen Output: 7664

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

Efficacy: 106 lm/W

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

Luminaire Type: Type II - Medium

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 10 Year(s)

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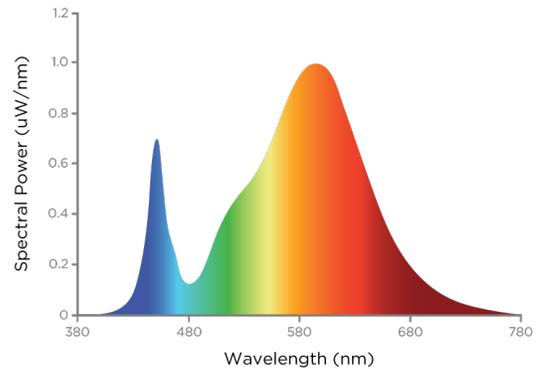
LED SPECIFICATIONS

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=0.4370 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: 72.96W
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: 0.2103A
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 output shall return to normal 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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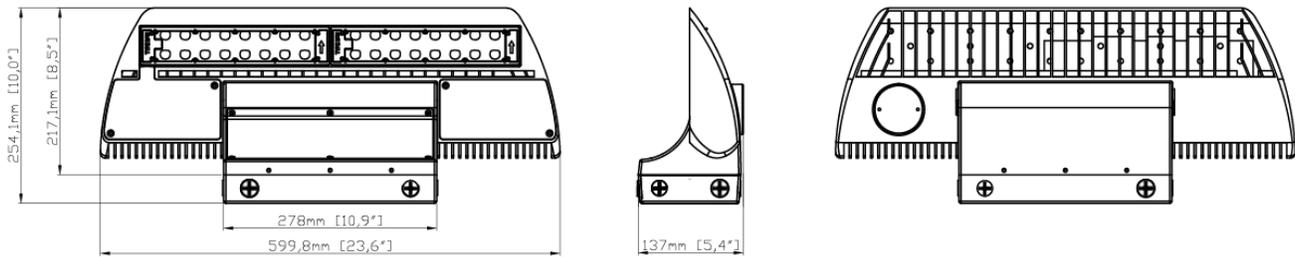
SHIPPING INFORMATION

OrderingCode(s): ARWP8050KBT4-UNV-WH ARWP-BB-M

Box Quantity: 1

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

| ARWP- | | | | | | | | | | | | | |
|-------|----------|-----------|----------|------------|--------|--------------------------------|---------------------------------|------------|--------|-------------|-------------|---|---------------|
| Part | Wattage | CCT | Mounting | | Optics | | Voltage | | Finish | 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 | |
| | | | | | T4H | Type IV with House Side Shield | | | | | FSIR-100 | Programming Remote for Occupancy Sensor | |
| | | | | | T5 | Type V | | | | | | | |
| | | | | | T5H | Type V with House Side Shield | | | | | | | |

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