

Project:	
Location:	
Model#: ARWP12030KBT2-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

**Initial Lumen Output:** 13515

**Luminaire Type:** Type II - Medium

**Ambient Operating Temp:** -40C to +40C

**Limited Product Warranty:** 10 Year(s)

**Efficacy:** 126 lm/W

**Environmental Rating(s):** IP66

**Certification Standards:** UL Safety US-CA

**Max Candela:** 6702.997cd (67.5H, 69V)

**UL Classification:** Wet Location Listed

**CCN Number:** IFAM7.E359675

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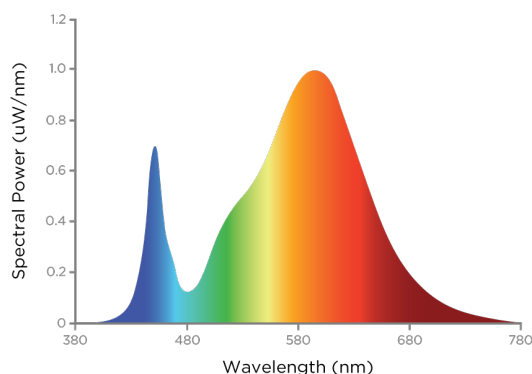
## LED SPECIFICATIONS

### 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
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### 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:** 107.6W

**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:** 0.3101A

**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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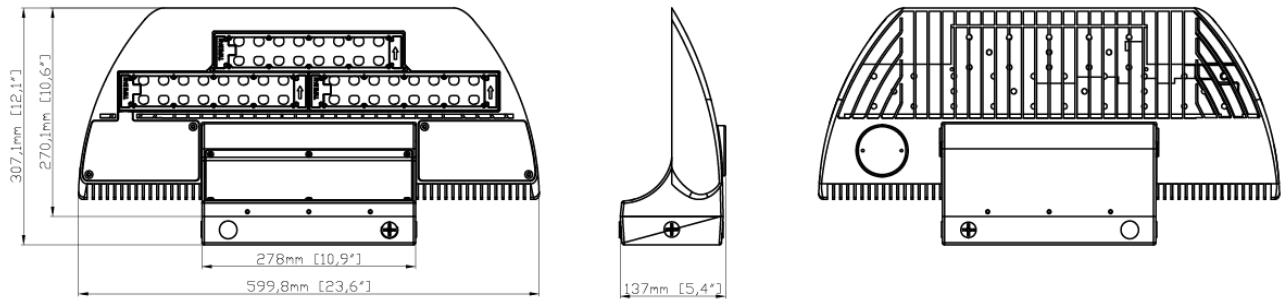
## SHIPPING INFORMATION

OrderingCode(s): ARWP12030KBT2-UN4-BZ, 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	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