

PROJECT:	
LOCATION:	
MODEL#: ARWP12030KBT2-UN4-BK	TYPE:
CONTRACTOR:	QTY:
PREPARED BY:	DATE: __/__/__

## SERIES SPECIFICATIONS



To supply and install 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:** 13,515 lm  
**Luminaire Type:** Type II - Medium  
**Ambient Operating Temp:** -40°C to +40°C  
**Limited Product Warranty:** 10 Years

**Efficacy:** 126 lm/W  
**Environmental Rating(s):** IP66  
**Certification Standards:** cULus

**Max Candela:** 6702.997cd (67.5H, 69V)  
**UL Classification:** Wet Location Listed  
**CCN Number:** IFAM7.E359675

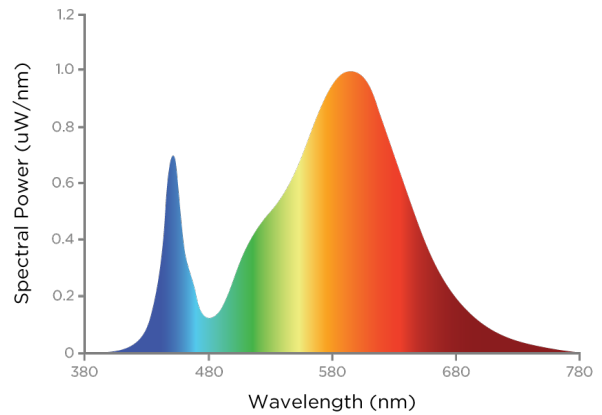
## LED SPECIFICATIONS

### 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:** 60,000 Hrs  
**Colour Tolerance:** 3 SDCM

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



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## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** Inventronics®  
**Fixture Draw:** 107.6 W  
**Max On-Delay:** < 1 S  
**THD @347Vac(%):** <15%  
**Dimming:** 1-10VDC, (10% Min Light Level)  
**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

**Input Voltage:** 347 Vac  
**Current Draw@347Vac:** 0.3101  
**Auxiliary Control:** 12 VDC  
**Driver MTBF:** 116000  
**Over Temperature Protection:** Decreases output current, returning to normal after over temperature is removed.

**Input Frequency:** 50-60 Hz  
**Inrush Current:** 0.32 A2S  
**Power Factor @347Vac:** >.90  
**Max Operating Case Temperature:** 90°C  
**Short Circuit Protection:** Auto Recovery. The output shall return to normal when the fault condition is removed.

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Black (RAL-9011)  
**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

## SHIPPING INFORMATION

**OrderingCode(s):** ARWP12030KBT2-UN4-BK, ARWP-BB-M  
**Box Quantity:** 1

## SERIES ARCHITECTURE

### Series Architecture

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 140W	50k 5000K		T3 Type III		WH White	N3S NEMA 3 Socket
	120 120W	AM Amber		T3H Type III with House Side Shield		CC Custom	N7S NEMA 7 Socket
				T4 Type IV			O Occupancy Sensor
				T4H Type IV with House Side Shield			FSIR-100 Programing Remote for Occupancy
				T5 Type V			
				T5H Type V with House Side Shield			

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