



Project:	
Location:	
Model#: ARWP2030KBT2-UNV-BK	Type:
Client:	Qty:
Prepared by:	Date:

#### SERIES SPECIFICATIONS

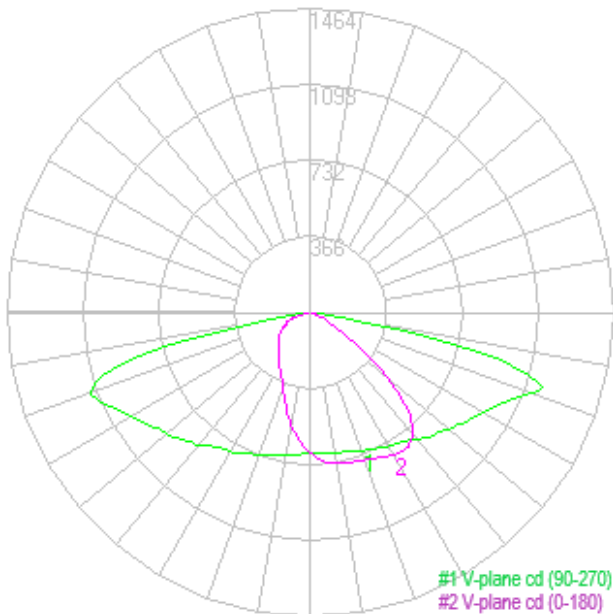


To supply Tamlite ARWP series of LED fixtures as specified. The luminaire shall operate at 120-277Vac and use a 1-10V dimmable, constant current type Inventronics driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware 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

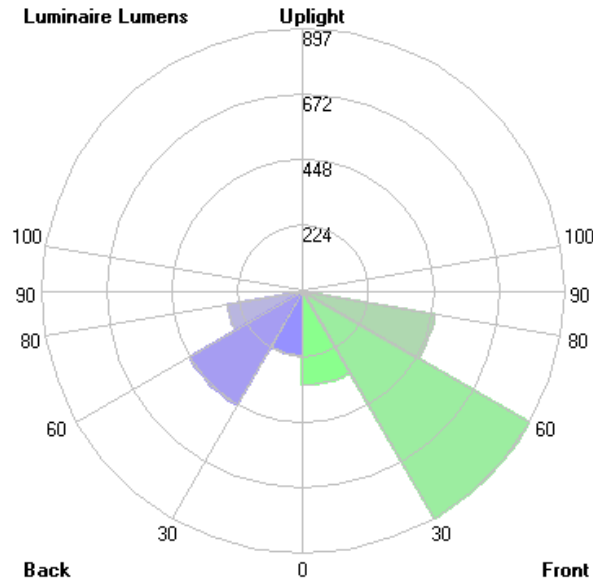
##### Luminance Distribution Chart





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### BUG Graph



### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lum
FL (0-30)	321.6	12.2
FM (30-60)	896.7	34.1
FH (60-80)	458.3	17.4
FVH (80-90)	10.2	0.4
BL (0-30)	219.6	8.4
BM (30-60)	450.0	17.1
BH (60-80)	264.7	10.1
BVH (80-90)	5.6	0.2
UL (90-100)	0.0	0.0
UH (100-180)	0.0	0.0
<b>Total</b>	<b>2626.7</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B1-U0-G1</b>	

**Initial Lumen Output:** 2627lm  
**Luminaire Type:** Type II - Medium  
**Ambient Operating Temp:** -40C to +40C  
**Limited Product Warranty:** 10 Year(s)

**Efficacy:** 144lm/W  
**Environmental Rating(s):** IP66  
**Certification Standards:** UL Safety US-CA

**Max Candela:** 1463.67cd (80H, 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:** 18W  
**Inrush Current:** 0.32A2S  
**Power Factor @277Vac:** >.90  
**Driver MTBF:** 116,000hrs  
**Over Temperature Protection:** Decreases output current, returning to normal after over temperature is removed.

**Input Voltage:** 120~277Vac  
**Current Draw@ 120Vac:** 0.1500A  
**Max On-Delay:** < 1S  
**THD @ 120Vac(%):** <10%  
**Max Operating Case Temperature:** 90C  
**Short Circuit Protection:** Auto Recovery.  
The power supply shall self-recover when the fault condition is removed.

**Input Frequency:** 50-60Hz  
**Current Draw@ 277Vac:** 0.0650A  
**Auxiliary Control:** 12Vdc  
**THD @277Vac(%):** <10%  
**Dimming:** 0-10Vdc, (0% Min Light Level)  
**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

## 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

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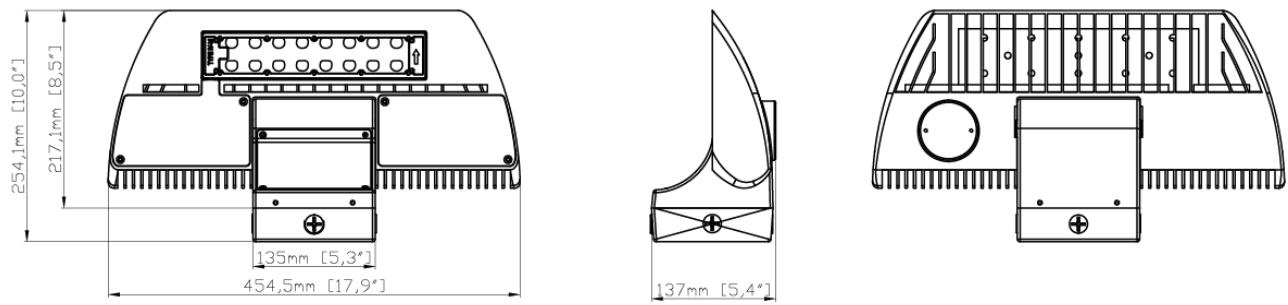
## SHIPPING INFORMATION

OrderingCode(s): ARWP2030KBT2-UNV-BK, 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-UNV