

Project:								
Location:								
Model#: ARWP2030KBT2-UNV-BZ	Туре:							
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.







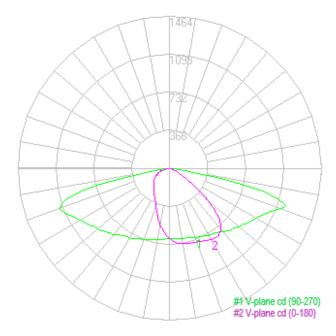






PERFORMANCE SPECIFICATIONS

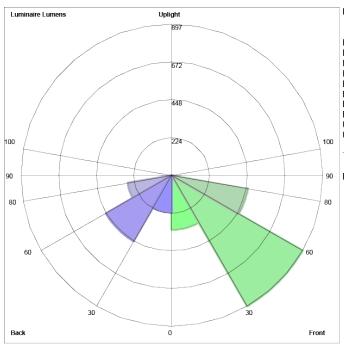
Luminance Distribution Chart





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BUG Graph



LUMINAIRE CLASSIFICATION SYSTEM (LCS)

FL - Front-Low (0-30) FM - Front-Medium (30-60) FH - Front-High (60-80) FVH - Front-Very High (80-90) BL - Back-Low (0-30) BM - Back-Medium (30-60) BH - Back-High (60-80) BVH - Back-Very High (80-90) UL - Uplight-Low (90-100) UH - Uplight-High (100-180)	Lumens 321.6 896.7 458.3 10.2 219.6 450.0 264.7 5.6 0.0 0.0 0.0	% Lamp N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A	% Luminaire 12.2 34.1 17.4 0.4 8.4 17.1 10.1 0.2 0.0
Total	2626.7	N.A.	100.0
BUG Rating	B1-U0-G1		

Luminaire Lumens:
Front: Low=321.6, Medium=896.7, High=458.3, Very High=10.2
Back: Low=219.6, Medium=450.0, High=264.7, Very High=5.6
Uplight: Low=0.0, High=0.0

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

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

Max Candela: 1463.67cd (80 h, 72V) **UL Classification:** Wet Location Listed

CCN Number: IFAM7.E359675



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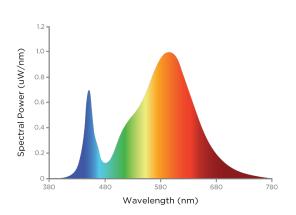
LED SPECIFICATIONS

R Tables

R1	73
R2	77
R3	80
R4	76
R5	74
R6	70
R7	80
R8	61

R9	0				
R10	46				
R11	76 50				
R12					
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: 18W Inrush Current: 0.32A2S Power Factor at 277Vac: > 0.90 Driver MTBF: 116,000 hrs

Over Temperature Protection: Decreases output current, returning to normal after

over temperature is removed.

Input Voltage: 120-277Vac Current Draw at 120Vac: 0.1500A

Max On-Delay: < 1S THD at 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: 50/60 hz Current Draw at 277Vac: 0.0650A Auxiliary Control: 12Vdc

THD at 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: 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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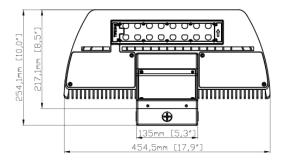
SHIPPING INFORMATION

OrderingCode(s): ARWP2030KBT2-UNV-BZ, ARWP-BB-S

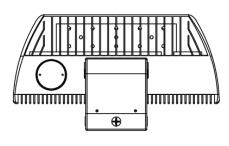
Box Quantity: 1

LINE DRAWING

Line Drawings







SERIES ARCHITECTURE

Series Architecture

ARWP-	ARWP													
Part	Part Wattage CCT		Mounting		Optics		Voltage		Finish		Accessories			
ARWP	20	20W	30k	3000K	Blank	Wall Mount	T2	Type II	UNV	120-277VAC	ΒZ	Bronze	BBS	Back Box Small
	40	40W	40k	4000K	В	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			ТЗН	Type III with House Side Shield			CC	Custom	AR-N3PC-UN4	NEMA 7 Socket
							T4	Type IV					0	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