

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

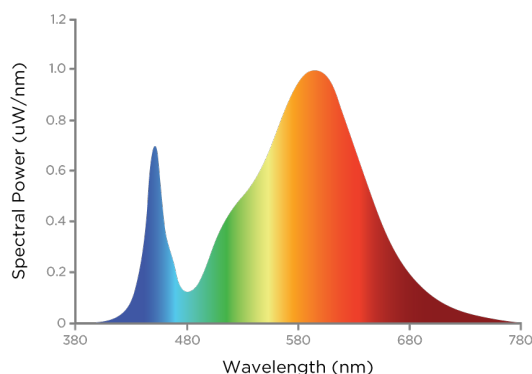
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LED SPECIFICATIONS

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: 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

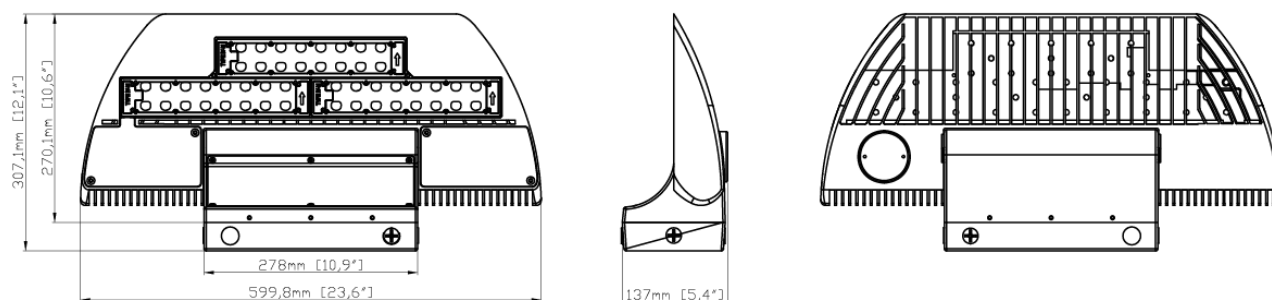
SHIPPING INFORMATION

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