

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

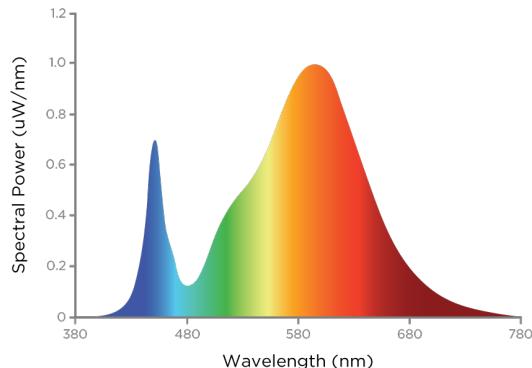
LED SPECIFICATIONS

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

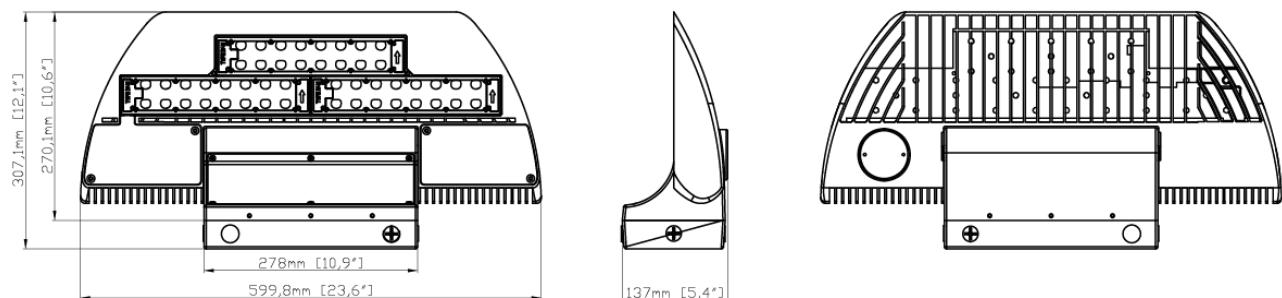
SHIPPING INFORMATION

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
			Blank	Wall Mount	T2	Type II	UNV	120-277VAC	BZ	Bronze	
ARWP	20 20W	30k	3000K	Blank	Wall Mount	T2	Type II	UNV	120-277VAC	BZ	Bronze
	40 40W	40k	4000K	B	Back Box	T2H	Type II with House Side Shield	UN4	347VAC	BK	Black
	80 80W	50k	5000K			T3	Type III			WH	White
	120 120W	AM	Amber			T3H	Type III with House Side Shield			CC	Custom
						T4	Type IV				AR-N3PC-UNV
						T4H	Type IV with House Side Shield				AR-N3PC-UN4
						T5	Type V			O	NEMA 3 Socket
						T5H	Type V with House Side Shield			FSIR-100	NEMA 7 Socket
											Occupancy Sensor
											Programing Remote for Occupancy Sensor

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