

Project:							
Location:							
Model#: ARWP8030KBT2-UN4-BZ	Туре:						
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.







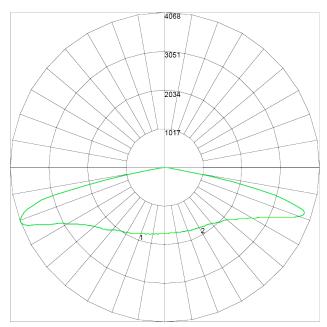






PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

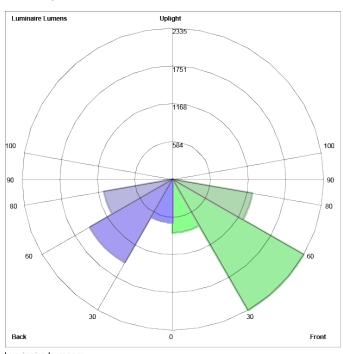


Maximum Candela = 4068.02 Located At Horizontal Angle = 270, Vertical Angle = 69 # 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.) # 2 - Vertical Plane Through Horizontal Angles (90 - 270)



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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 821.7 2335.0 1247.7 5.5 662.2 1477.9 1073.1 21.3 0.0 0.0	% Lamp N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A	% Luminaire 10.7 30.5 16.3 0.1 8.7 19.3 14.0 0.3 0.0
Total	7644.4	N.A.	100.0
BUG Rating	B3-U0-G3		

Luminaire Lumens: Front: Low-821.7, Medium= 2335.0, High=1247.7, Very High=5.5 Back: Low=662.2, Medium=1477.9, High=1073.1, Very High=21.3 Uplight: Low=0.0, High=0.0

Initial Lumen Output: 7664 Environmental Rating(s): IP66 Certification Standards: UL Safety US-

CA

Efficacy: 106 lm/W **UL Classification:** Wet Location Listed

CCN Number: IFAM7.E359675

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



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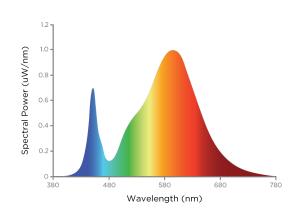
LED SPECIFICATIONS

R Tables

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

R9	0
R10	46
R11	76
R12	50
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: 72.96W

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: 0.2103A 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



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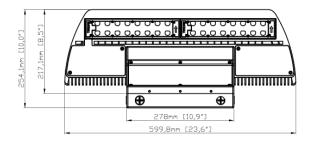
SHIPPING INFORMATION

OrderingCode(s): ARWP8050KBT4-UNV-WH ARWP-BB-M

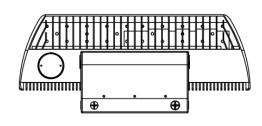
Box Quantity: 1

LINE DRAWING

Line Drawings







SERIES ARCHITECTURE

Series Architecture

ARWP-		-		-								-		
Part	Wat	tage	ССТ		Moun	ting	Opti	s Voltage I		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-UN4