

Project:	
Location:	
Model#: ARWP8030KBT2-UN4-BZ	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

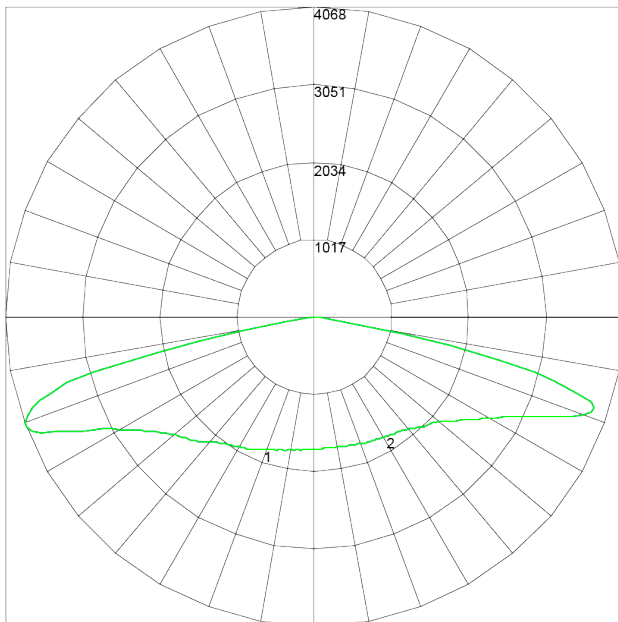


To supply Tamlite ARWP series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10V dimmable, constant current type Inventronics driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware 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

### Luminance Distribution Chart

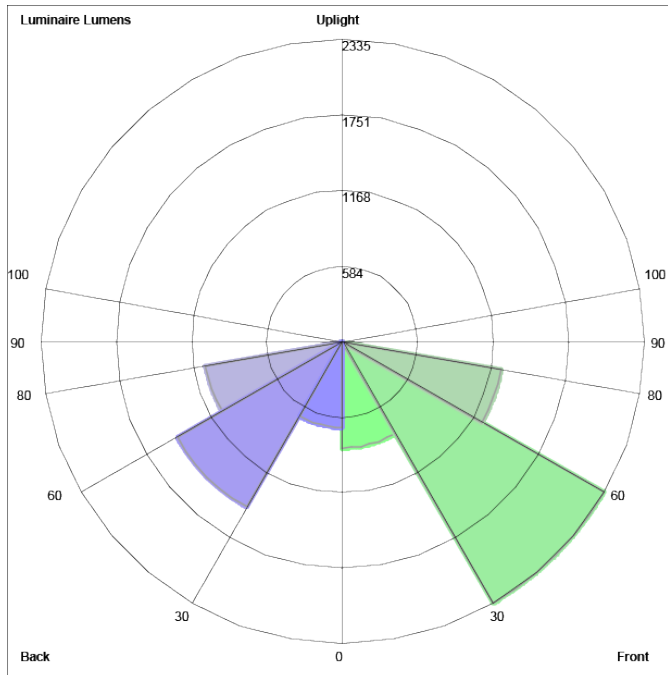


Maximum Candela = 4068.02 Located At Horizontal Angle = 270, Vertical Angle = 69  
 # 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)  
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)



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## BUG Graph



Luminaire 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

## LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	821.7	N.A.	10.7
FM - Front-Medium (30-60)	2335.0	N.A.	30.5
FH - Front-High (60-80)	1247.7	N.A.	16.3
FVH - Front-Very High (80-90)	5.5	N.A.	0.1
BL - Back-Low (0-30)	662.2	N.A.	8.7
BM - Back-Medium (30-60)	1477.9	N.A.	19.3
BH - Back-High (60-80)	1073.1	N.A.	14.0
BVH - Back-Very High (80-90)	21.3	N.A.	0.3
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	7644.4	N.A.	100.0
BUG Rating	B3-U0-G3		

**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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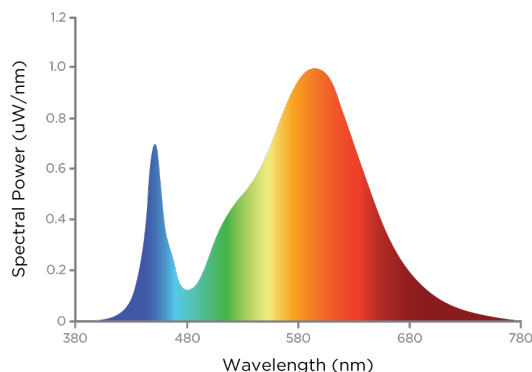
## LED SPECIFICATIONS

### 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
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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:** 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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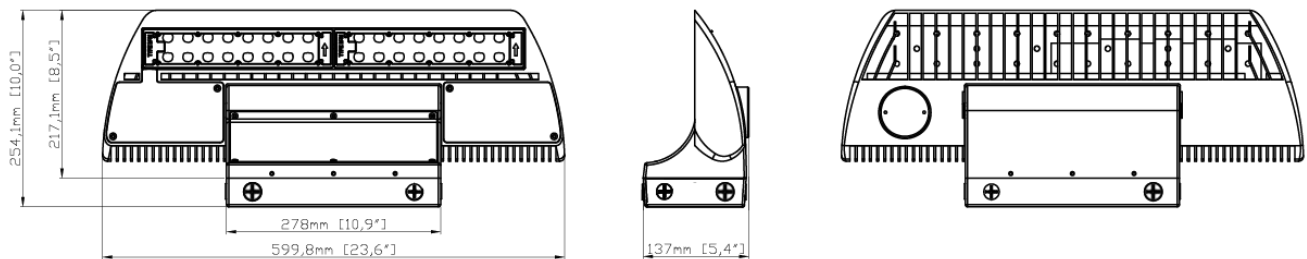
## SHIPPING INFORMATION

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

Box Quantity: 1

## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

ARWP-									
Part	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