



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

SERIES SPECIFICATIONS

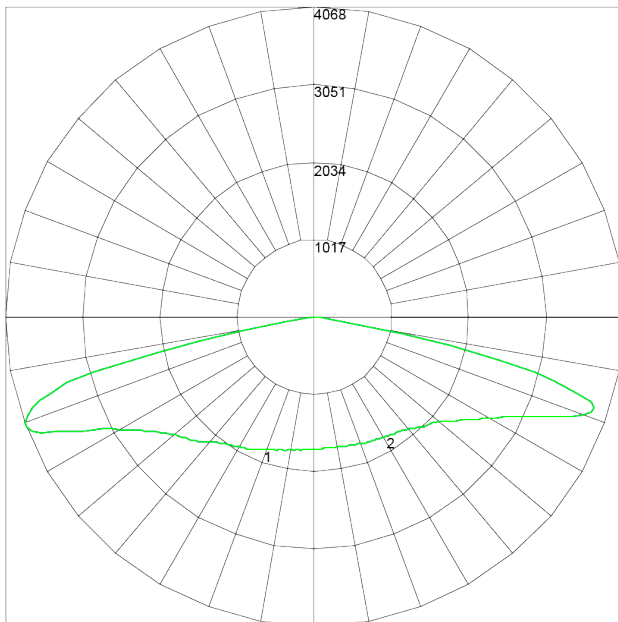


To supply Tamlite ARWP series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10V dimmable, constant current type Inventronics driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware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

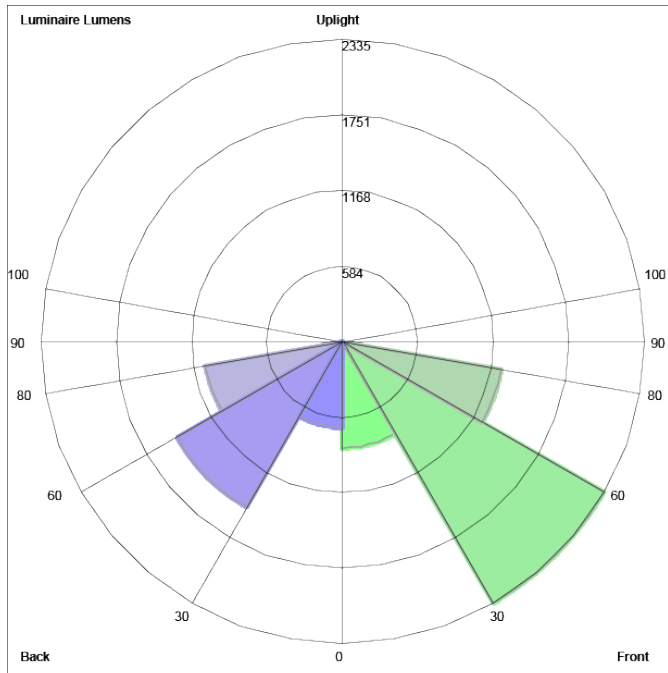


Maximum Candela = 4068.02 Located At Horizontal Angle = 270, Vertical Angle = 69
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)



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BUG Graph



LUMINAIRE 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		

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: 7664lm

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

Efficacy: 106lm/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	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: 72.96W
Max On-Delay: < 1S
THD @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@347Vac: 0.2103A
Auxiliary Control: 12Vdc
Driver MTBF: 116,000hrs
Over Temperature Protection: Decreases output current, returning to normal after over temperature is removed.

Input Frequency: 50-60Hz
Inrush Current: 0.32A2S
Power Factor @347Vac: >.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: Black (RAL-9011)
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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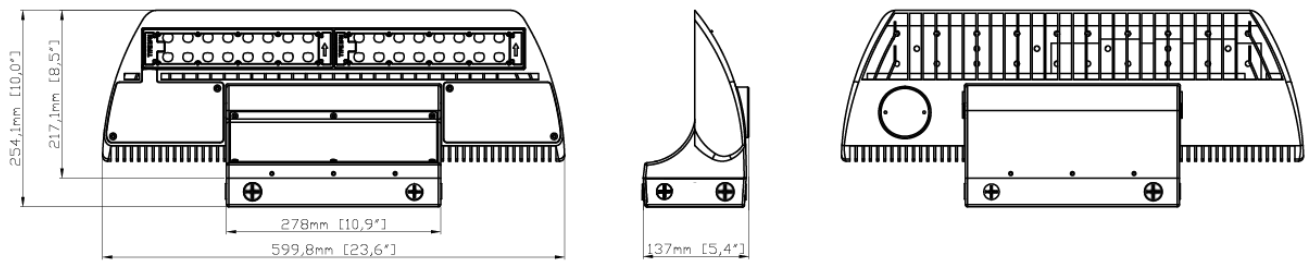
SHIPPING INFORMATION

OrderingCode(s): ARWP8050KBT4-UNV-CC 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