

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

SERIES SPECIFICATIONS

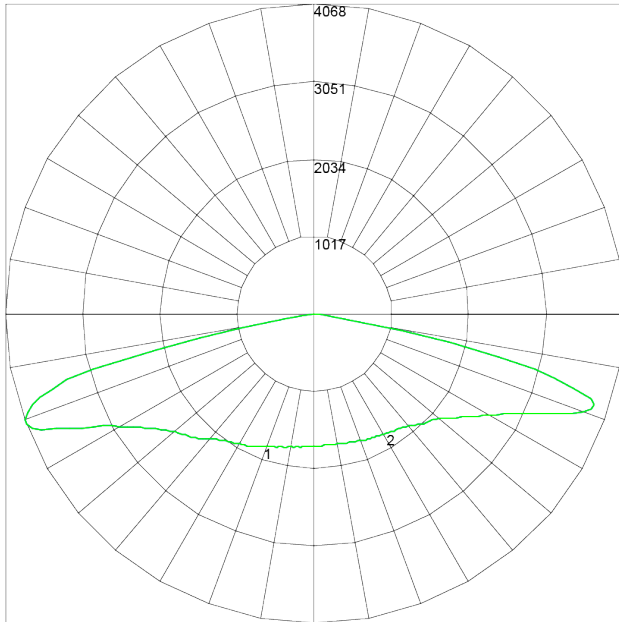


To supply Tamlite ARWP series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10V dimmable, constant current type Inventronics driver. The housing shall be constructed of die cast Aluminium finished with a textured powder coat over a chromate conversion coat. All hardware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



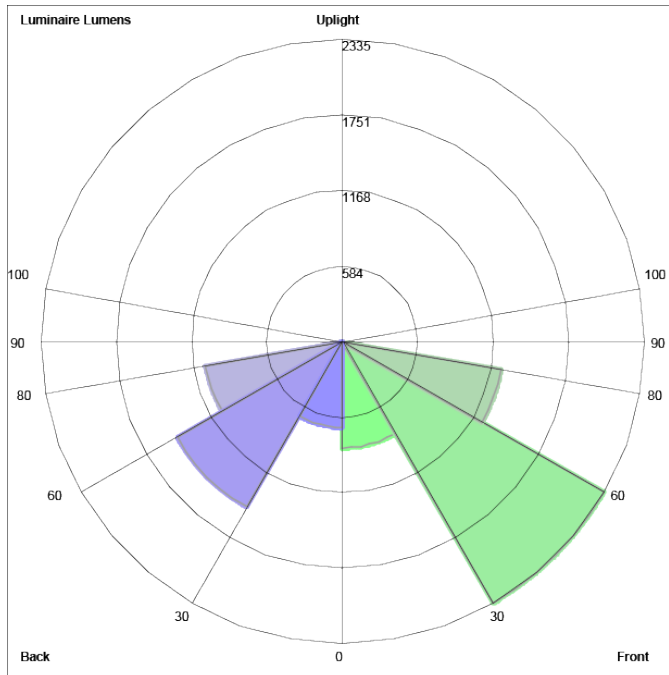
PERFORMANCE SPECIFICATIONS

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)

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: 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

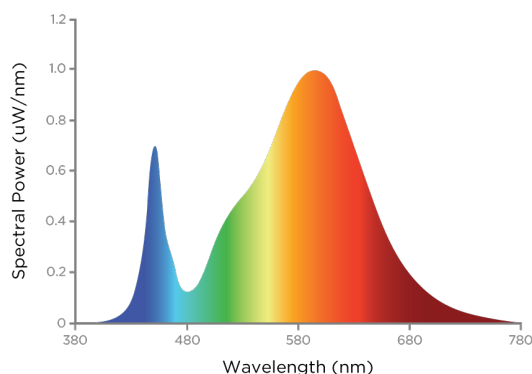
Limited Product Warranty: 10 Year(s)

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 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

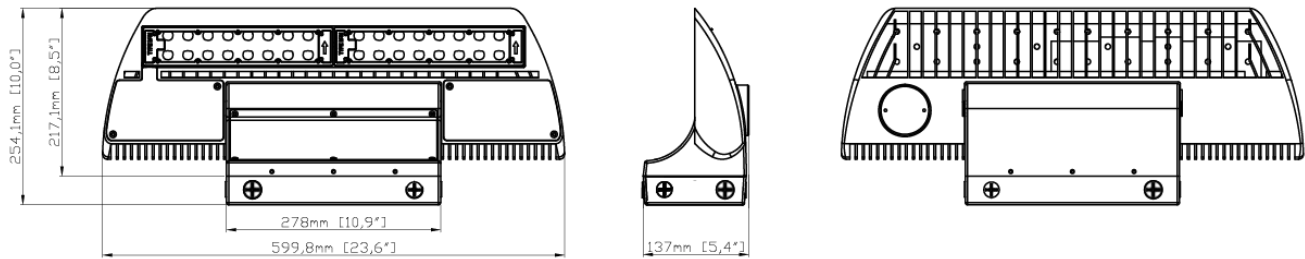
SHIPPING INFORMATION

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		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 AR-N3PC-UN4 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