

Project:		
Location:		
Model#:	ARPS1403K3RT2H-UN4-BZ	Type:
Client:		Qty:
Prepared by:		Date:

SERIES SPECIFICATIONS

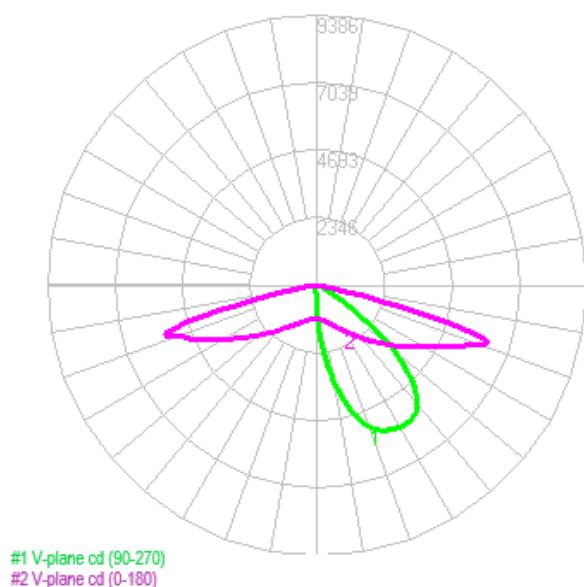


To supply Tamlite ARPS Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion coat. All hardware to be stainless steel. Bottom access wiring compartment to be hinged and sealed with a durable foamed gasket. Fixtures to come standard with a NEMA7 style twist lock socket and shorting cap. Optics to be constructed of PMMA be sealed via captive gasket and complete with a clear optics LED's shall be as specified Nichia® NVSW219 with a 3 SDCM colour tolerance. Fixture shall be UL Safety US-CA listed.

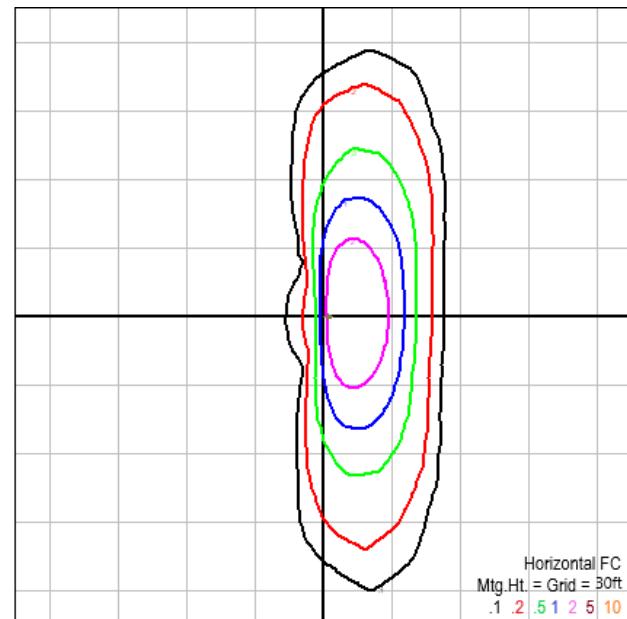


PERFORMANCE SPECIFICATIONS

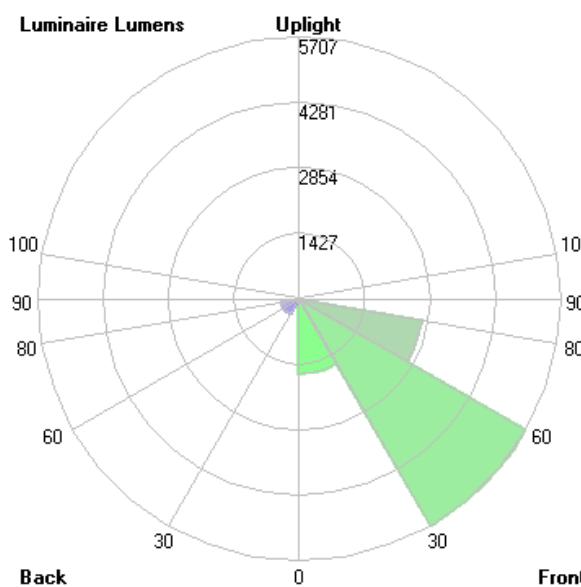
Luminance Distribution Chart



Isolux Diagram



BUG Graph



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lum
FL (0-30)	1637.8	14.8
FM (30-60)	5707.5	51.5
FH (60-80)	2721.4	24.6
FVH (80-90)	53.1	0.5
BL (0-30)	170.1	1.5
BM (30-60)	387.3	3.5
BH (60-80)	389.7	3.5
BVH (80-90)	4.8	0.0
UL (90-100)	0.0	0.0
UH (100-180)	0.0	0.0
Total	11071.7	100.0
BUG Rating	B1-U0-G2	

Initial Lumen Output: 11070lm

Luminaire Type: Type II-H - Medium

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

Efficacy: 81lm/W

BUG Rating: B1-U0-G2

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 10 Year(s)

Max Candela: 9385cd (80 h, 71.5V)

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

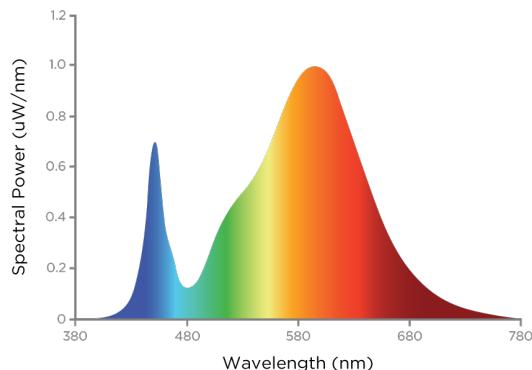
LED SPECIFICATIONS

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=0.4338 y=0.4030

Manufacturer: Nichia®

L70: 60000 Hrs.

Colour Tolerance: 3 SDCM

Part Number: NVSW219

Colour Temperature: 3000K

Duv: 0.006

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: Inventronics®
Input Frequency: 50/60 Hz
Inrush Current: 7.6 A2S
Power Factor at 347Vac: > 0.90
Max Operating Case Temperature: 90C
Dimming Current mA: .25 mA
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Driver Part Number: ESD-150SxxxDT
Fixture Draw: 141.2W
Max On-Delay: < 0.75 S
THD at 347Vac(%): < 10%
Surge Suppression: 10kV
Over Temperature Protection: Auto recovery. Current returns to normal after over temperature is removed.

Input Voltage: 347Vac
Current Draw at 347Vac: 0.41
Auxiliary Control: 12 Vdc
Driver MTBF: 203,000 hrs
Dimming: 1-10Vdc, (10% Min Light Level)
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: 3" round pole
Lens Type: clear optics
Entries: gasketed wire entry

Finish Type: Textured powder coat over chromate conversion coat
Housing Material: ADC12 aluminium
Weight: 7.5 kg

Wiring: internal junction
Lens Material: PMMA
EPA: 0.1560771072

SHIPPING INFORMATION

OrderingCode(s): ARPS1403KT2H-UN4-BZ, AR-PSSQ, AR-PS3R

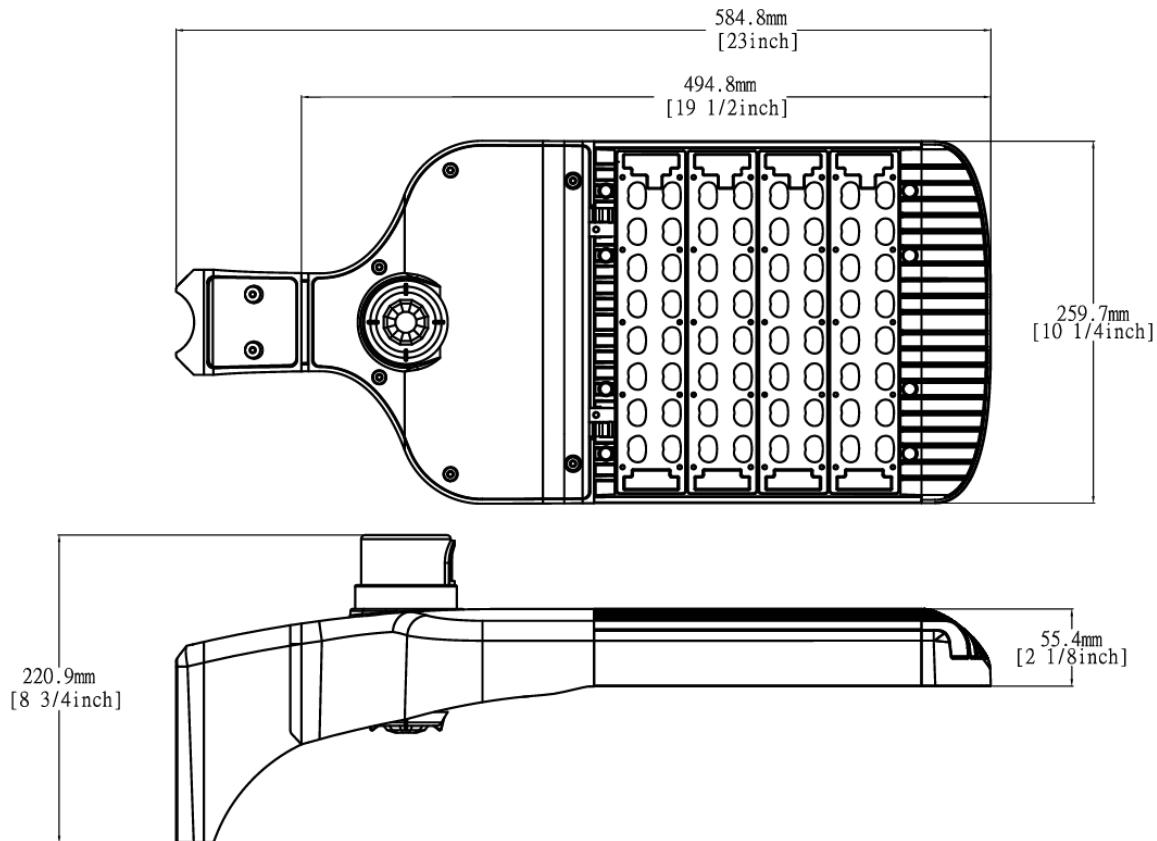
Box Weight: 7.5 kg

Box Quantity: 1

Box Dimensions (L-W-H): 595 x 340 x 180 mm

LINE DRAWING

Line Drawings



SERIES ARCHITECTURE

Series Architecture

ARPS

Part	Wattage		CCT		Mounting		Optics		Voltage		Finish		Accessories	
ARPS	35	35W	30K	3000K	SQ	SQ Pole Mount	T2	Type II	UNV	120-277VAC	BZ	Bronze	[blank]	None
	75	75W	40K	4000K	3R	3" RD Pole	T2H	with House Side Shield	UN4	347VAC	BK	Black	O	Occupancy Sensor
	140	140W	50K	5000K	4R	4" RD Pole	T3	Type III	WRV	120-347VAC	WH	White	AR-N3PC-UNV	120VAC Photo control
	185	185W	AM	Amber	5R	5" RD Pole	T3H	with House Side Shield			CC	Custom	AR-N3PC-UN4	347VAC Photo control
					SF	Slip Fitter	T4	Type IV					AR-SPIKE	Bird Spike
							T4H	with House Side Shield					FSIR-100	Programming remote, sold separately
							T5	Type V						
							T5H	with House Side Shield						

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