

Project:		
Location:		
Model#:	ARPS18530K3RT2H-UN4-BK	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.

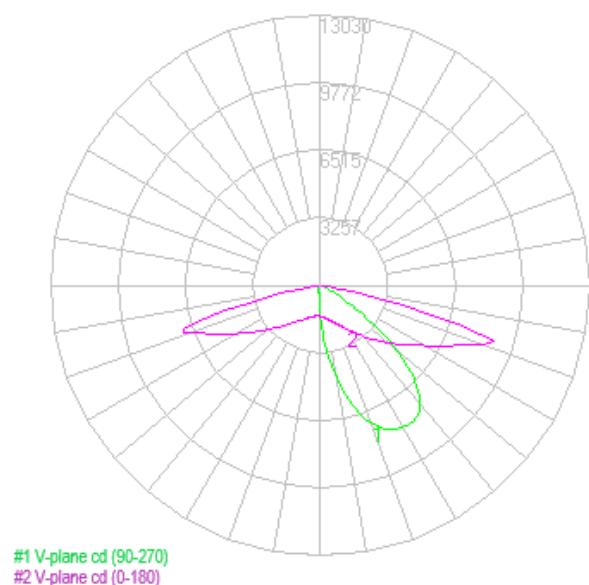


IP66

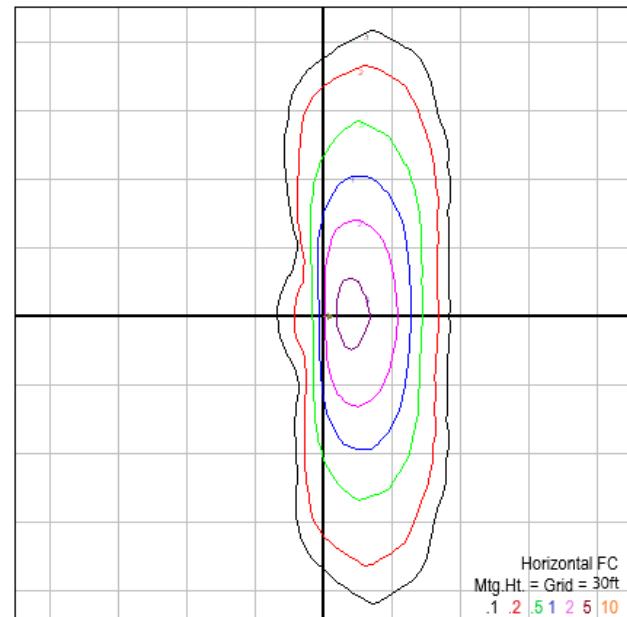


## PERFORMANCE SPECIFICATIONS

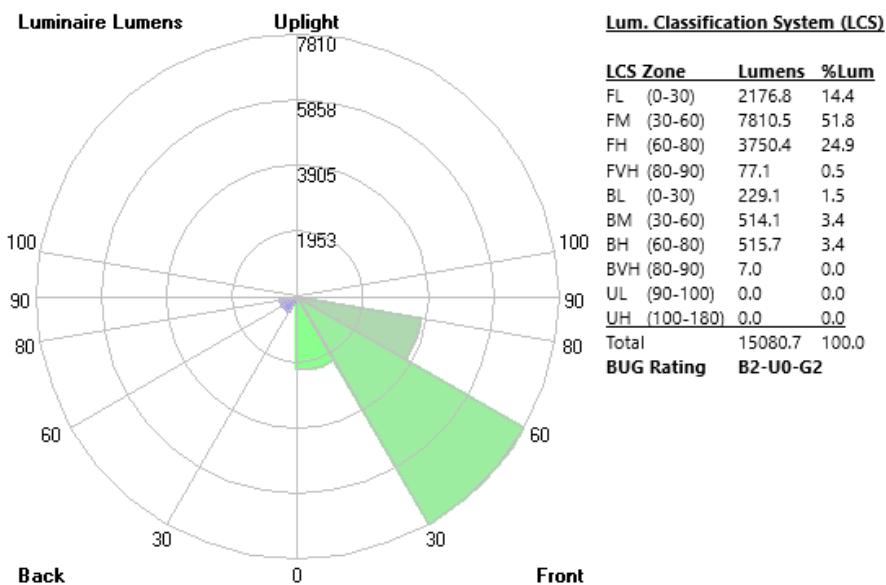
Luminance Distribution Chart



Isolux Diagram



BUG Graph



Initial Lumen Output: 15081lm

Luminaire Type: Type II-H - Medium

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

Efficacy: 80lm/W

BUG Rating: B2-U0-G2

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 10 Year(s)

Max Candela: 13029cd (80H, 72V)

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

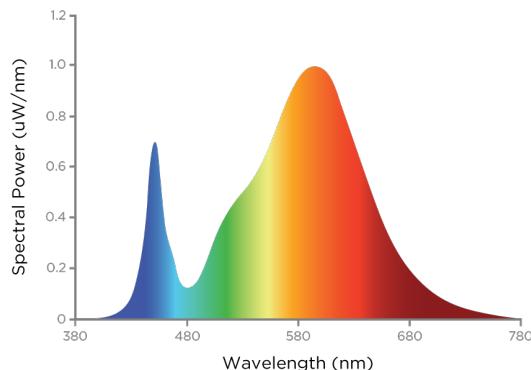
## LED SPECIFICATIONS

### 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
--	--

### 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:** 50-60Hz

**Inrush Current:** 1.3 A2S

**Power Factor @ 347Vac:** >.90

**Max Operating Case Temperature:** 90C

**Dimming Current mA:** .45mA

**Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

**Driver Part Number:** ESD-240SxxxDT

**Fixture Draw:** 194.3W

**Max On-Delay:** < 1.5 S

**THD @ 347Vac(%):** <10%

**Surge Suppression:** 10kV

**Over Temperature Protection:** Auto

recovery. Current returns to normal after over temperature is removed.

**Input Voltage:** 347Vac

**Current Draw@347Vac:** 0.5599

**Auxiliary Control:** 12 VDC

**Driver MTBF:** 209,000hrs

**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:** Black (RAL-9011)

**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:** 8.1 kg

**Wiring:** internal junction

**Lens Material:** PMMA

**EPA:** 0.1932

## SHIPPING INFORMATION

**OrderingCode(s):** ARPS1853KT2H-UN4-BK, AR-PSSQ-BK, AR-PS3R5R-BK

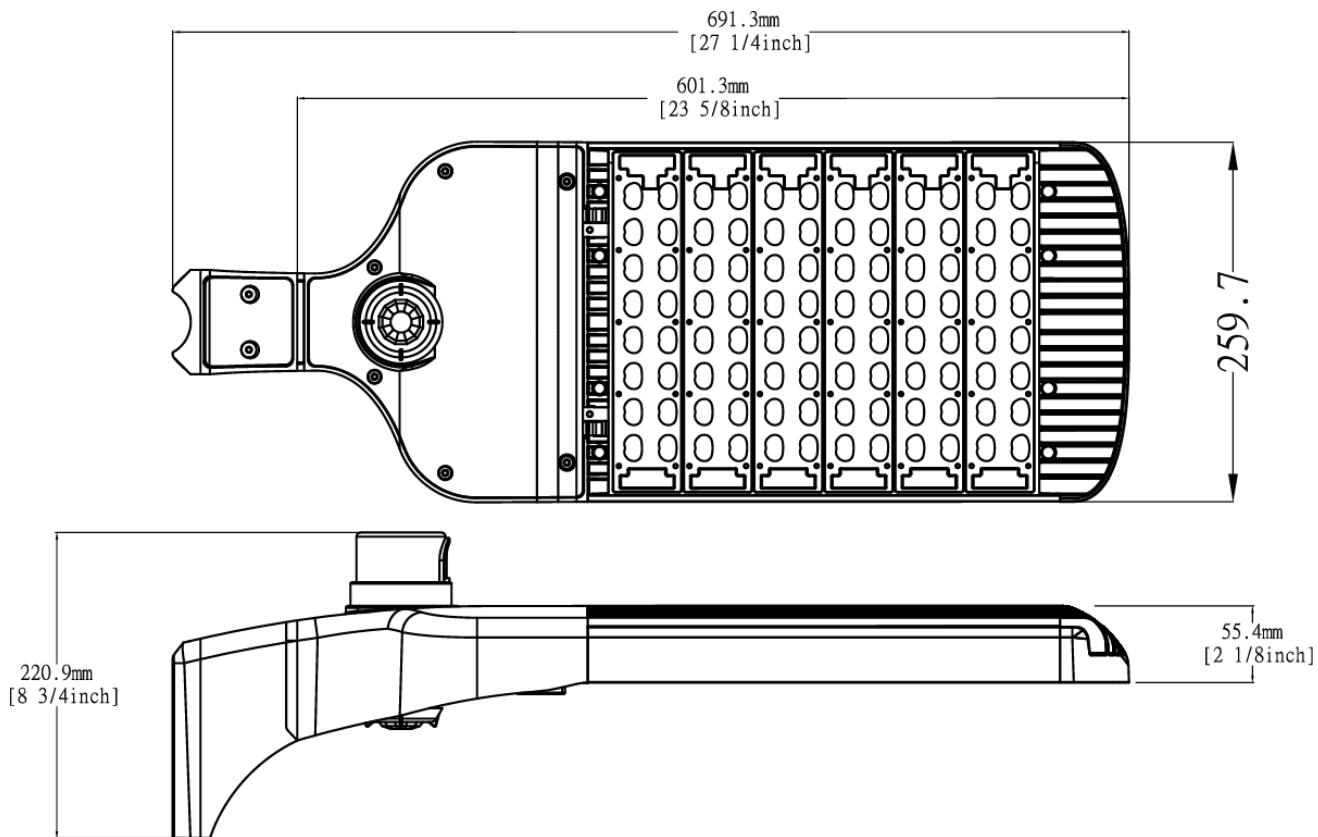
**Box Weight:** 8.1 kg

**Box Quantity:** 1

**Box Dimensions (L-W-H):** 695 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 Filter	T4	Type IV					AR-SPIKE	Bird Spike
							T4H	with House Side Shield					FSIR-100	Programming remote, sold seperately
							T5	Type V						
							T5H	with House Side Shield						

Optional Extras: AR-SPIKE AR-N3PC-UNV