

Project:	
Location:	
Model#: ARPS353K3RT2H-UN4-BK	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

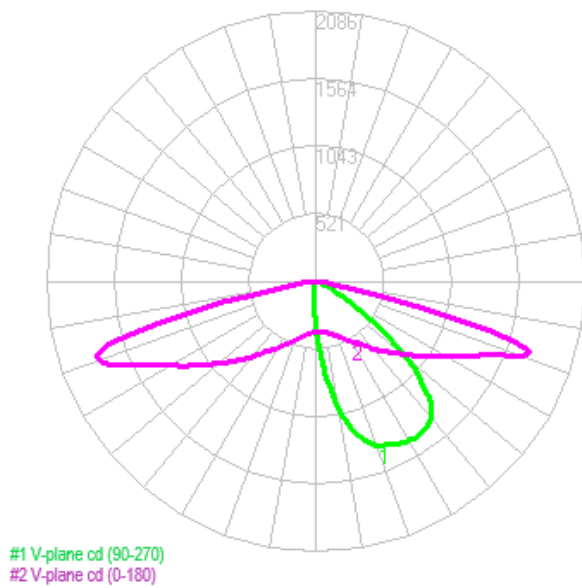


To supply Tamplate ARPS Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion coat. 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.

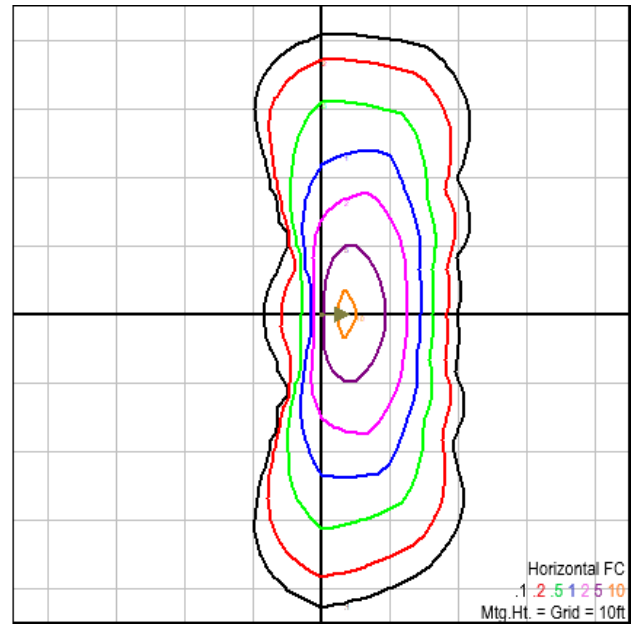


## PERFORMANCE SPECIFICATIONS

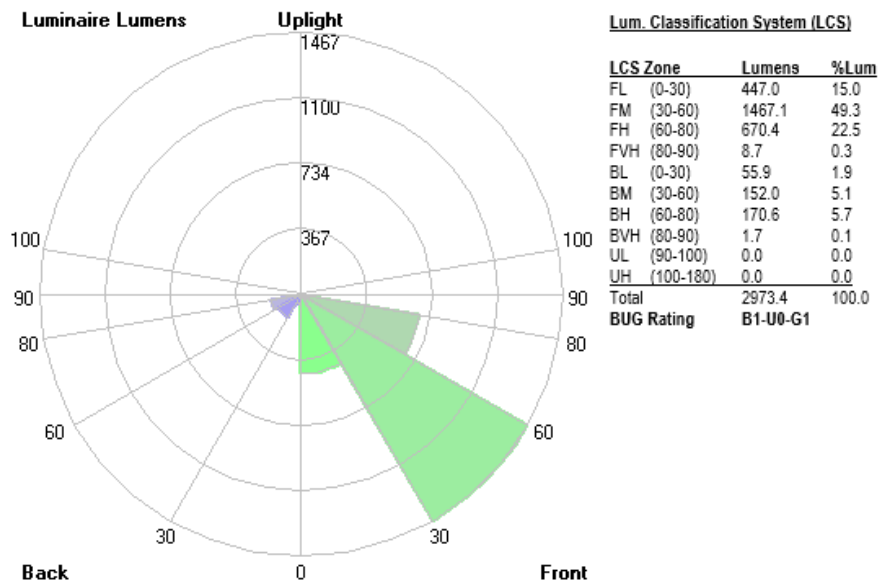
Luminance Distribution Chart



Isolux Diagram



BUG Graph



Initial Lumen Output: 2973lm

BUG Rating: B1-U0-G1

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 10 Year(s)

Efficacy: 84lm/W

Environmental Rating(s): IP66

Certification Standards: UL Safety US-CA

Luminaire Type: Type II-H - Medium

UL Classification: Wet Location Listed

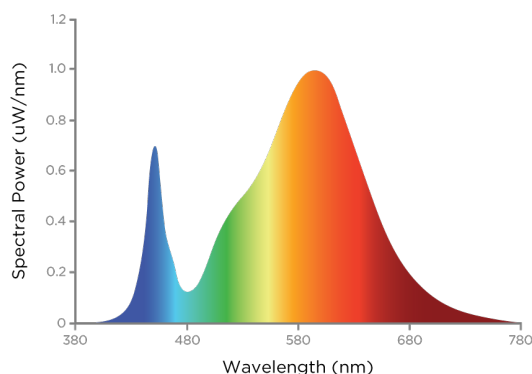
CCN Number: IFAM7.E359675

## LED SPECIFICATIONS

### R Tables

<b>R1</b>	73	<b>R9</b>	0
<b>R2</b>	77	<b>R10</b>	46
<b>R3</b>	80	<b>R11</b>	76
<b>R4</b>	76	<b>R12</b>	50
<b>R5</b>	74	<b>R13</b>	73
<b>R6</b>	70	<b>R14</b>	89
<b>R7</b>	80	<b>R15</b>	67
<b>R8</b>	61	<b>--</b>	--

### 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:** 0.32 A2S

**Power Factor at 347Vac:** > 0.90

**Max Operating Case Temperature:** 90C

**Dimming Current mA:** 0.25 mA

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

FCC Part 15 Class B, RoHS

**Driver Part Number:** LTC-040SxxxDSP

**Fixture Draw:** 35W

**Max On-Delay:** < 1 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:** 0.1009

**Auxiliary Control:** 12 Vdc

**Driver MTBF:** 459,000 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:** 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:** 4.7 kg

**Wiring:** internal junction

**Lens Material:** PMMA

**EPA:** 1.39 sqft

## SHIPPING INFORMATION

**OrderingCode(s):** ARPS353KT2H-UN4-BK, AR-PSSQ-BK, AR-PS3R5R-BK

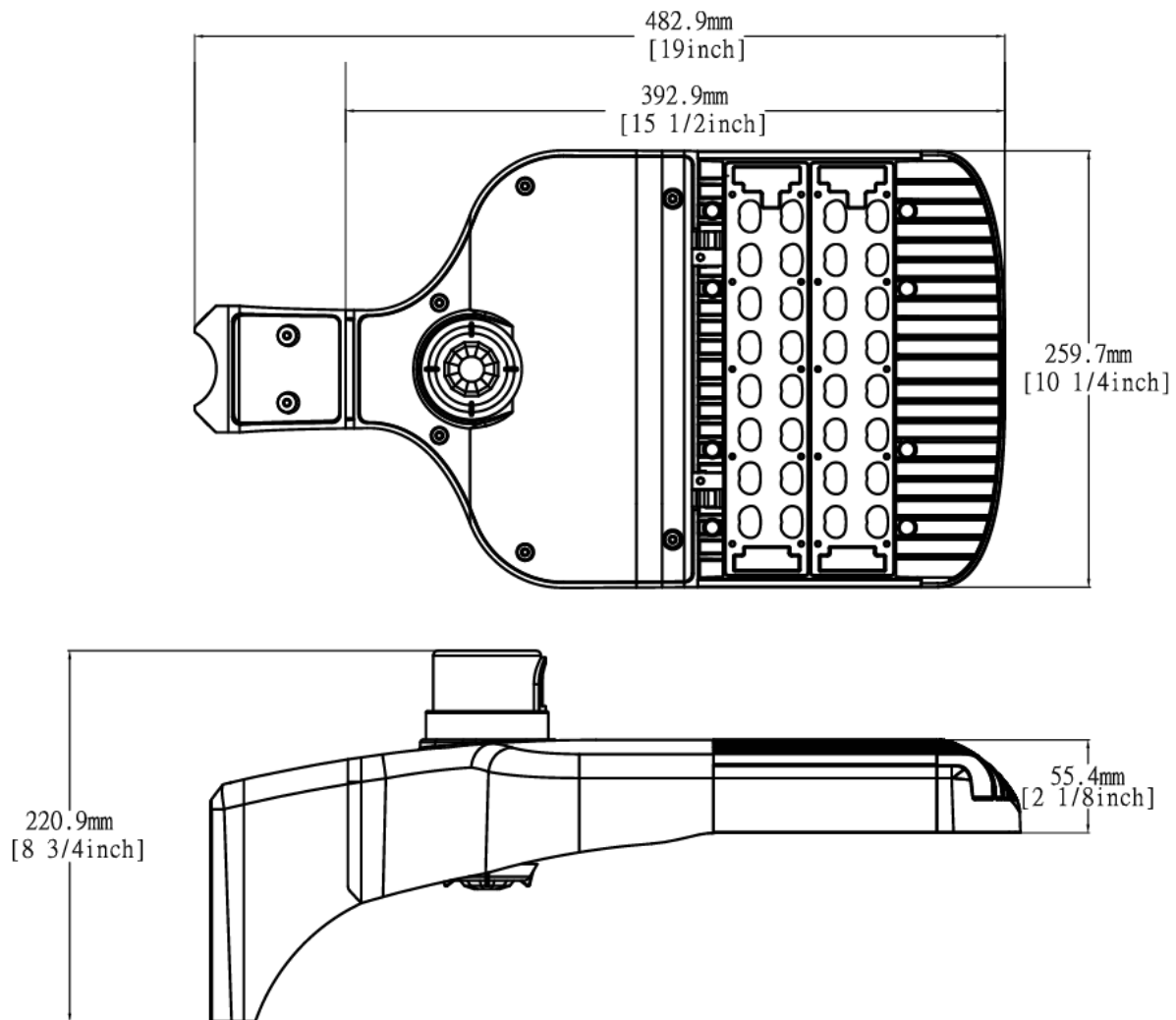
**Box Weight:** 4.7 kg

**Box Quantity:** 1

**Box Dimensions (L-W-H):** 495 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
							T4	Type IV					AR-SPIKE	Bird Spike
							T4H	with House Side Shield					FSIR-100	Programming remote, sold separately
					SF	Slip Fitter	T5	Type V						
							T5H	with House Side Shield						

**Optional Extras:** AR-SPIKE AR-N3PC-UNV