

Project:	
Location:	
Model#: ARPS353K3RT2-UNV-BZ	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

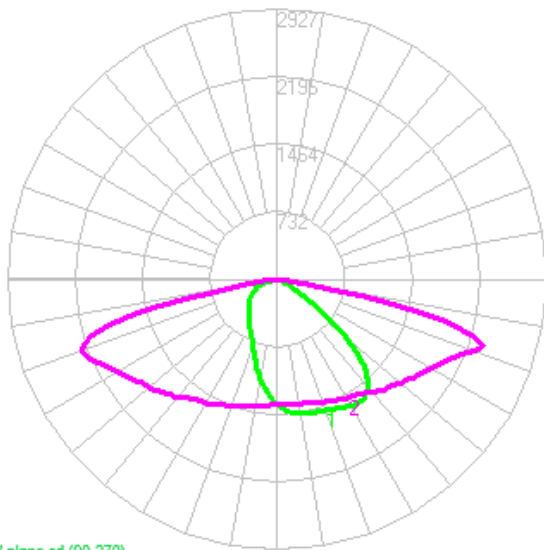


To supply TamLite ARPS Series of LED fixtures as specified. The luminaire shall operate at 120-277Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion 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.



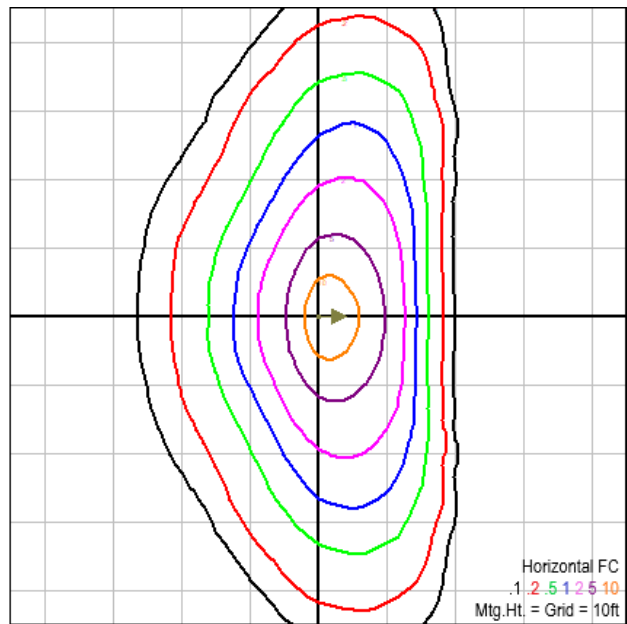
## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



#1 V-plane cd (90-270)  
#2 V-plane cd (0-180)

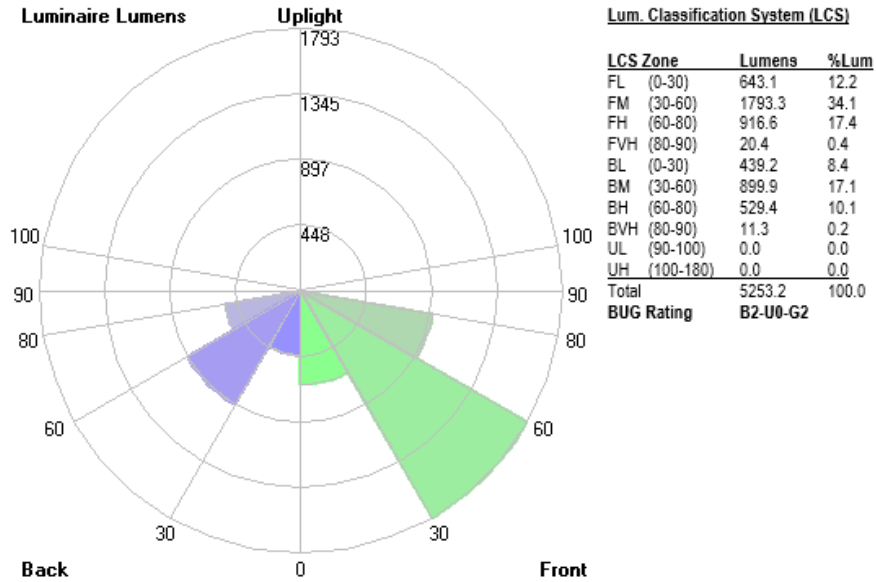
Isolux Diagram





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**BUG Graph**



**Initial Lumen Output:** 5253lm

**BUG Rating:** B2-U0-G2

**Ambient Operating Temp:** -40C to +40C

**Limited Product Warranty:** 10 Year(s)

**Efficacy:** 145lm/W

**Environmental Rating(s):** IP66

**Certification Standards:** UL Safety US-CA

**Luminaire Type:** Type II - Medium

**UL Classification:** Wet Location Listed

**CCN Number:** IFAM7.E359675

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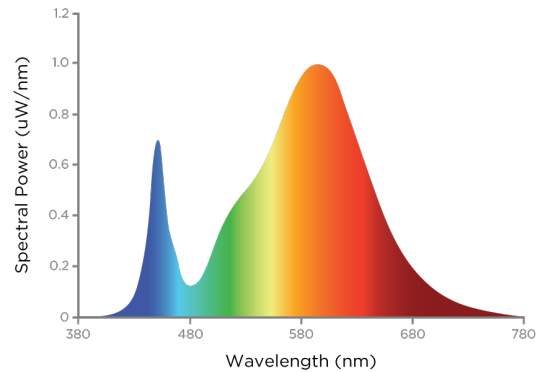
**LED SPECIFICATIONS**

**R Tables**

<b>R1</b>	73
<b>R2</b>	77
<b>R3</b>	80
<b>R4</b>	76
<b>R5</b>	74
<b>R6</b>	70
<b>R7</b>	80
<b>R8</b>	61

<b>R9</b>	0
<b>R10</b>	46
<b>R11</b>	76
<b>R12</b>	50
<b>R13</b>	73
<b>R14</b>	89
<b>R15</b>	67
<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  
**Current Draw at 277Vac:** 0.1336  
**Auxiliary Control:** 12 Vdc  
**THD at 277Vac(%):** < 10%  
**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:** EUC-042SxxxDS  
**Fixture Draw:** 37W  
**Inrush Current:** 0.32 A2S  
**Power Factor at 120Vac:** > 0.90  
**THD at 347Vac(%):**  
**Surge Suppression:** 10kV  
**Over Temperature Protection:** Auto recovery. Current returns to normal after over temperature is removed.

**Input Voltage:** 120-277Vac  
**Current Draw at 120Vac:** 0.3083  
**Max On-Delay:** < 1 S  
**Power Factor at 277Vac:** > 0.90  
**Driver MTBF:** 327,000 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:** 4.7 kg

**Wiring:** internal junction  
**Lens Material:** PMMA  
**EPA:** 1.39 sqft

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SHIPPING INFORMATION

OrderingCode(s): ARPS353KT2-UNV-BZ, AR-PSSQ-BZ, AR-PS3R-BZ

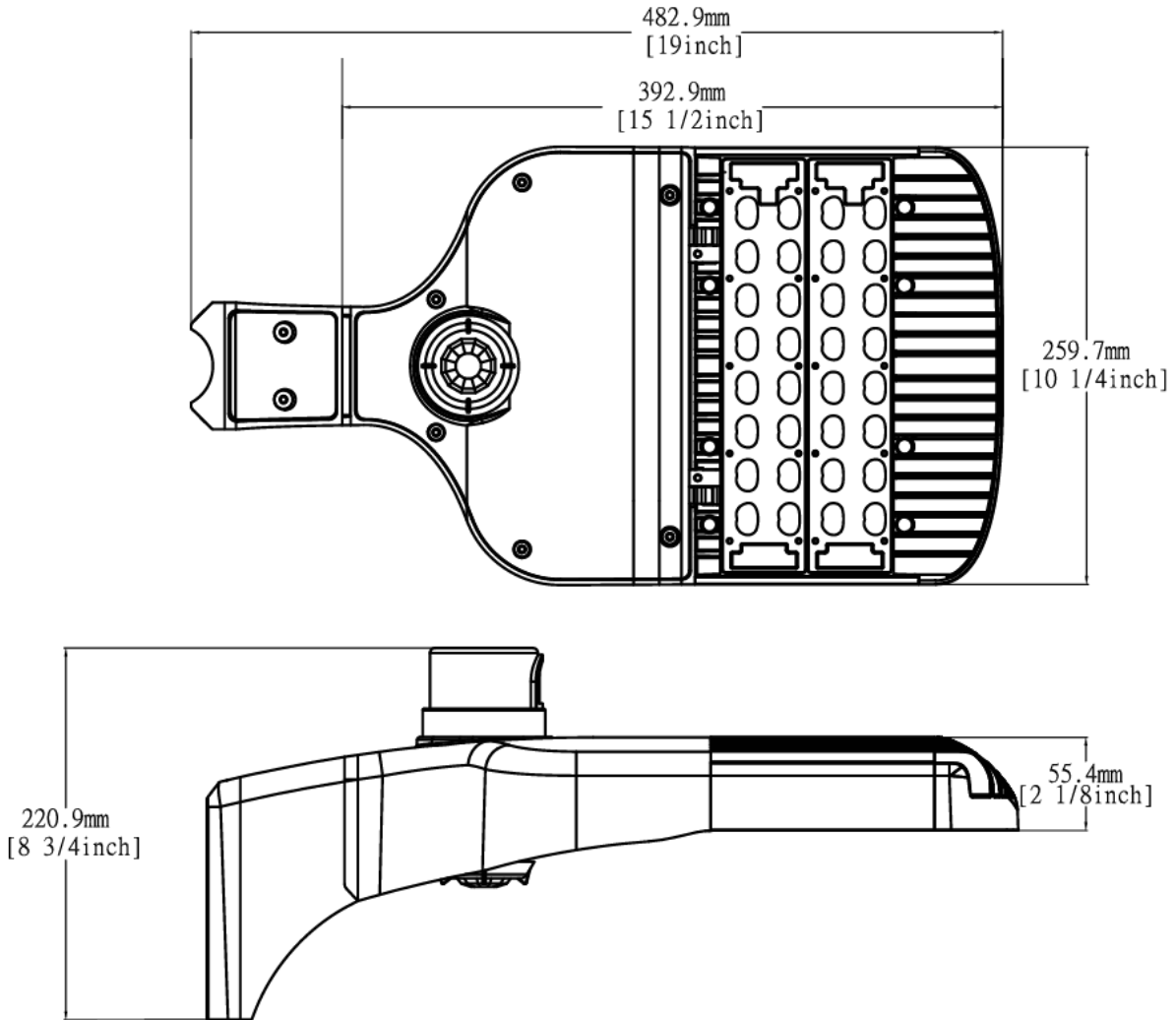
Box Weight: 4.7 kg

Box Quantity: 1

Box Dimensions (L-W-H): 495 x 340 x 180 mm

LINE DRAWING

Line Drawings





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**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
					SF	Slip Fitter	T4	Type IV						AR-SPIKE
						T4H	with House Side Shield						FSIR-100	Programming remote, sold separately
						T5	Type V							
						T5H	with House Side Shield							

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