

Project:	
Location:	
Model#: ARPS753K3RT2H-UN4-BK	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

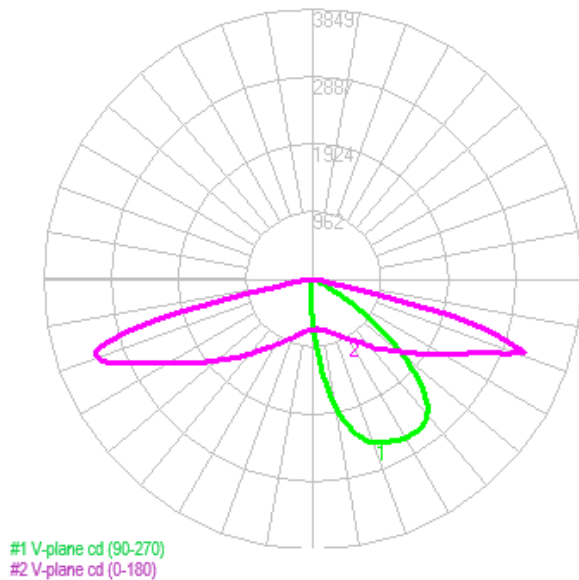


To supply TamLite ARPS Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion coat.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

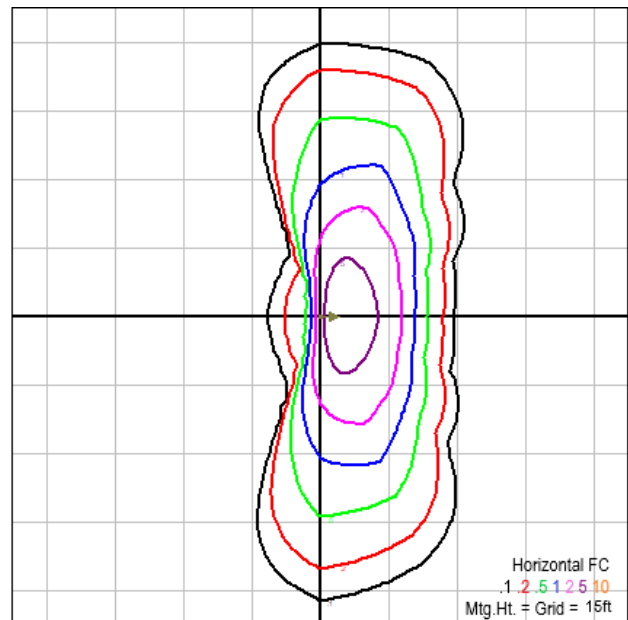


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



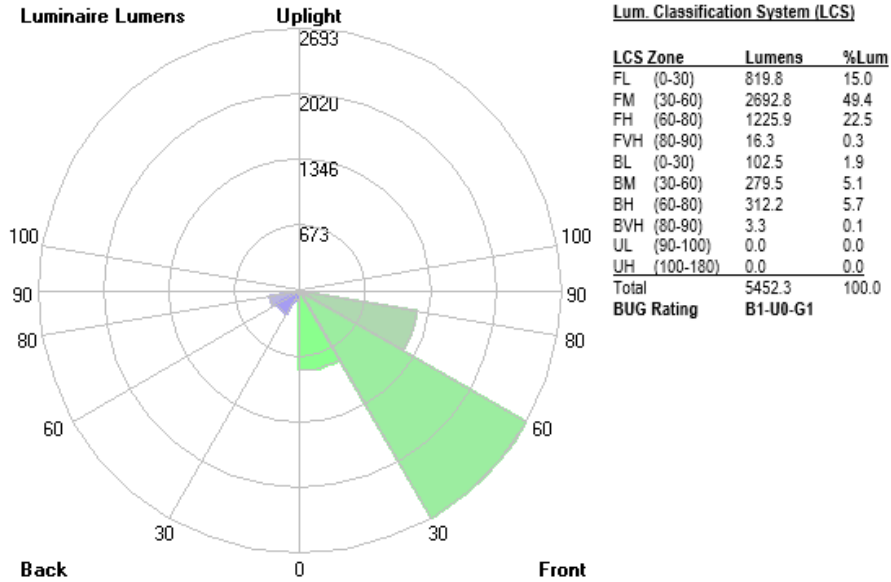
Isolux Diagram





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**BUG Graph**



**Initial Lumen Output:** 5452lm

**Luminaire Type:** Type II-H - Medium

**UL Classification:** Wet Location Listed

**CCN Number:** IFAM7.E359675

**Efficacy:** 77lm/W

**BUG Rating:** B1-U0-G1

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

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

**Max Candela:** 3848cd (67.5H, 66V)

**Environmental Rating(s):** IP66

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

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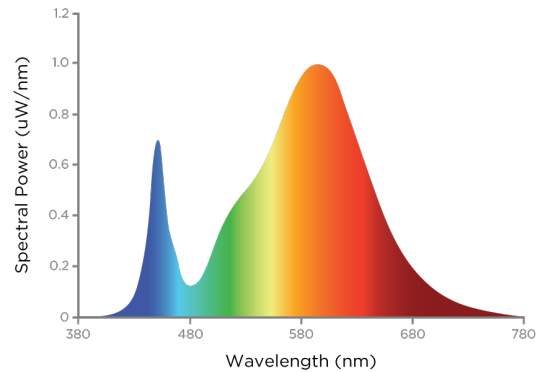
## LED SPECIFICATIONS

### 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:** 50-60Hz  
**Inrush Current:** 134 A2S  
**Power Factor @347Vac:** >.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:** ESC-075SxxxDT  
**Fixture Draw:** 72.55W  
**Max On-Delay:** < 1 S  
**THD @347Vac(%):** <15%  
**Surge Suppression:** 10kV  
**Over Temperature Protection:** Auto recovery. Current returns to normal after over temperature is removed.

**Input Voltage:** 347Vac  
**Current Draw@347Vac:** 0.21  
**Auxiliary Control:** 12 VDC  
**Driver MTBF:** 250,000hrs  
**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:** 5.8 kg

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

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SHIPPING INFORMATION

OrderingCode(s): ARPS753KT2H-UNV-BK, AR-PSSQ-BK, AR-PS3R5R-BK

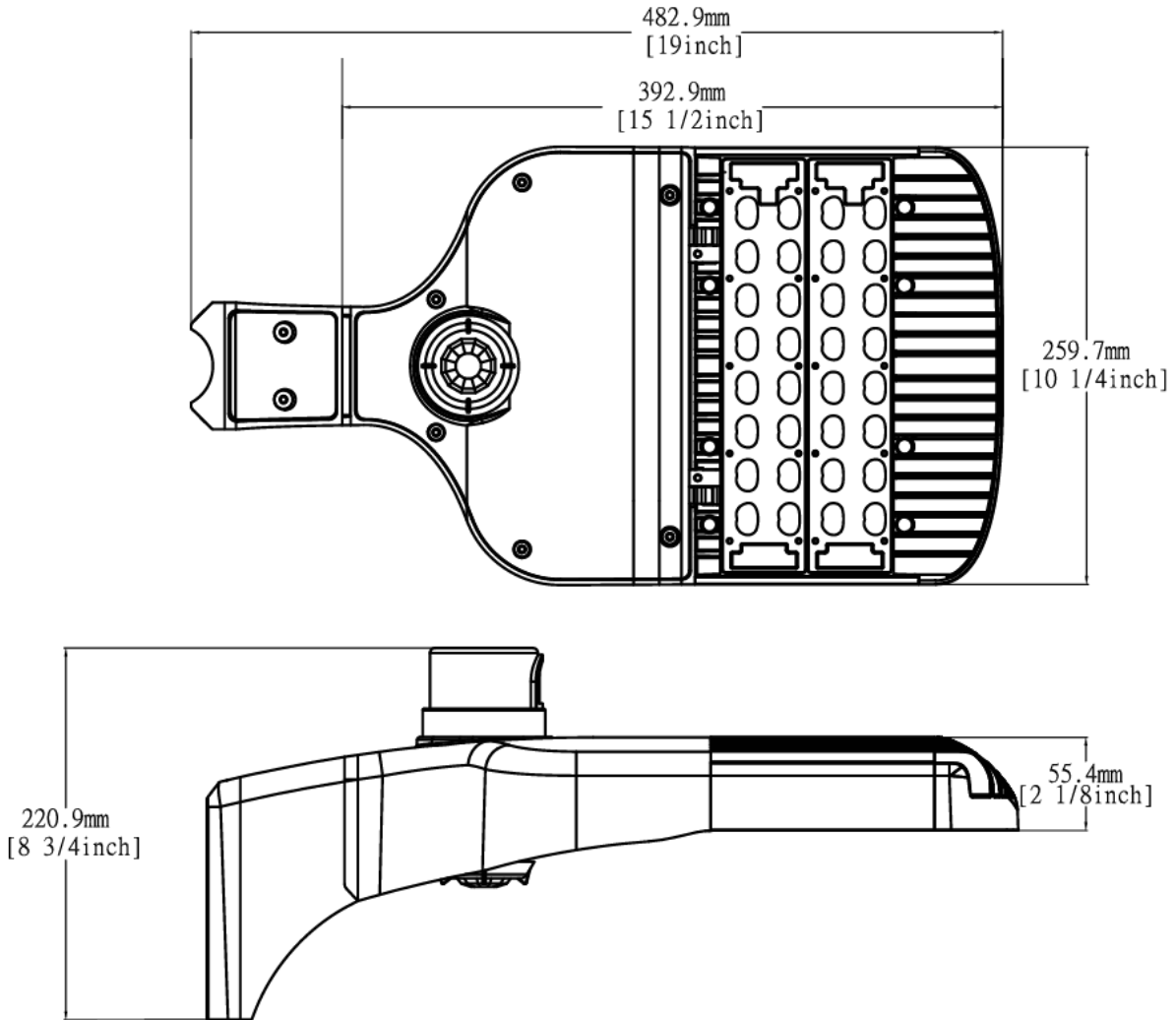
Box Weight: 5.8 kg

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-SPIKE, AR-N3PC-UN4