

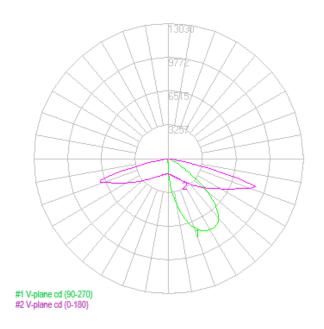
	Project:								
	Location:								
	Model#: ARPS1853K3RT2H-UN4-BZ	Туре:							
	Client:	Qty:							
	Prepared by:	Date:							

### **SERIES SPECIFICATIONS**

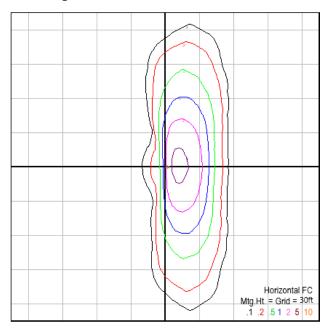
To supply Tamlite ARPS Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion coat.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



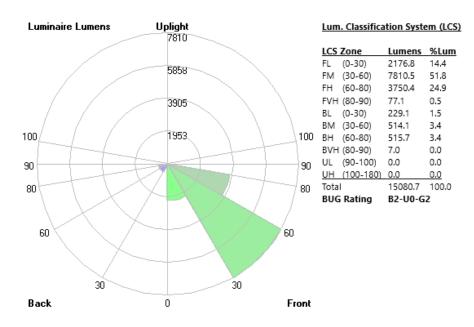
### **Isolux Diagram**





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# **BUG Graph**



Initial Lumen Output: 15081Im 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 (80 h, 72V) Environmental Rating(s): IP66

Certification Standards: UL Safety US-

CA



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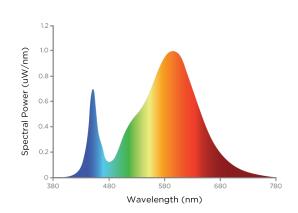
### **LED SPECIFICATIONS**

### **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					

# 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: 1.3 A2S
Power Factor at 347Vac: > 0.90
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 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: 0.5599 Auxiliary Control: 12 Vdc Driver MTBF: 209,000 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

Entries: gasketed wire entry

Finish Colour: Bronze (RAL-8019)
Mounting:: 3" round pole
Lens Type: clear optics

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



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### SHIPPING INFORMATION

OrderingCode(s): ARPS1853KT2H-UN4-BZ, AR-PSSQ-BZ, AR-PS3R-BZ

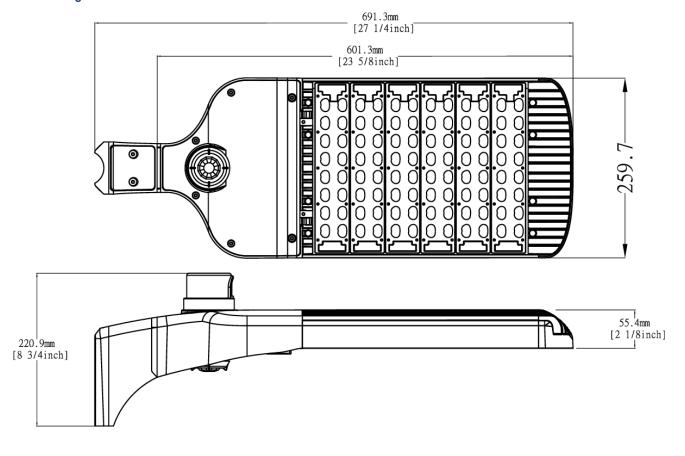
Box Weight: 8.1 kg Box Quantity: 1

Box Dimensions (L-W-H): 695 x 340 x

180 mm

# LINE DRAWING

# **Line Drawings**





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# SERIES ARCHITECTURE

# **Series Architecture**

ARPS -							· · · ·							
Part	rt Wattage		сст		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	0	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	тзн	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 seperately
							T5	Type V						
							T5H	with House Side Shield						

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