

Project:	
Location:	
Model#: ARPS18530K3RT2H-UN4-BK	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

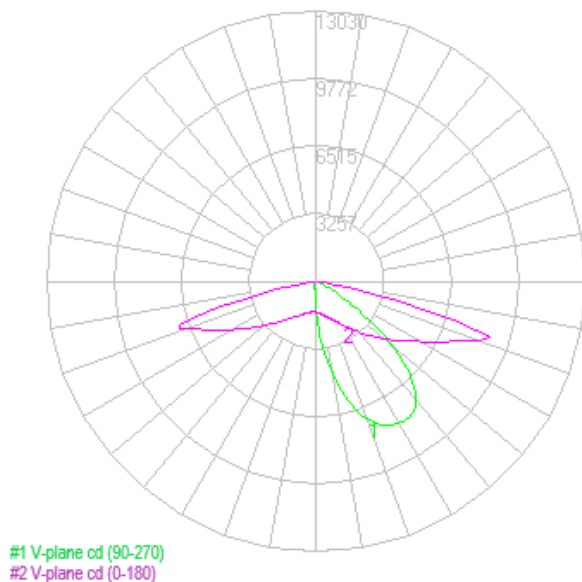


To supply TamLite ARPS Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion coat.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

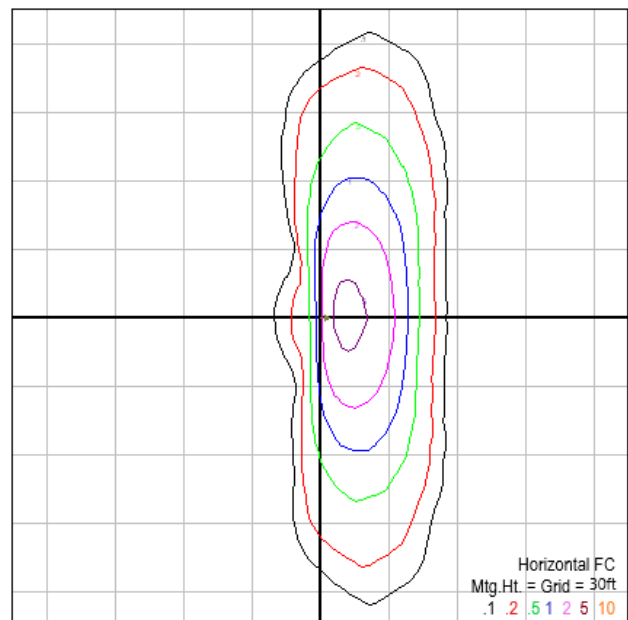


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



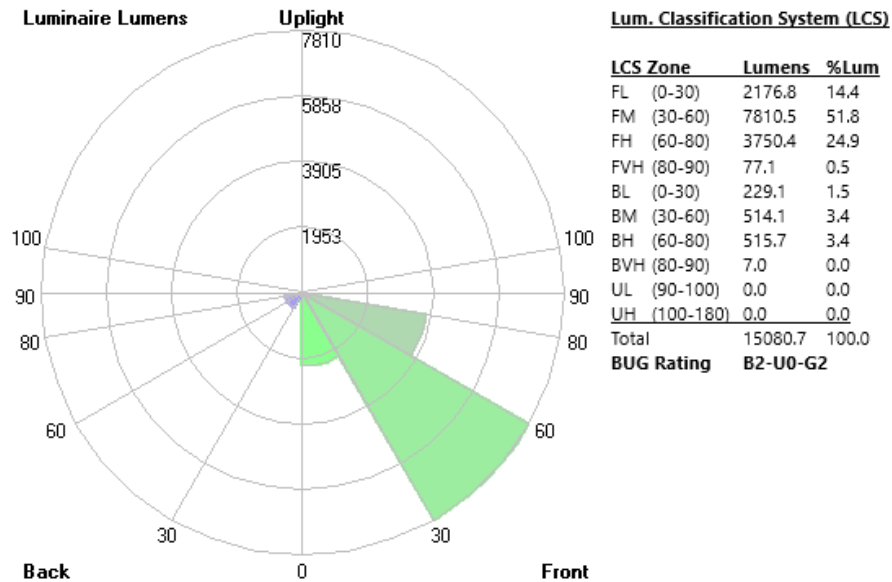
Isolux Diagram





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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

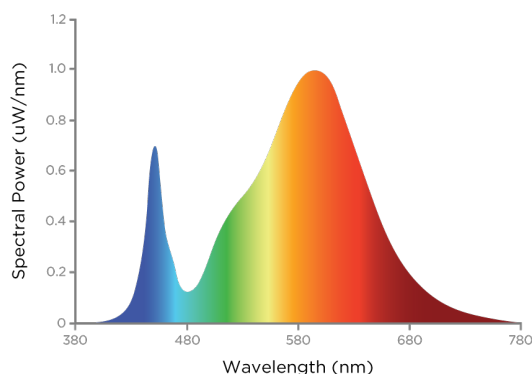
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LED SPECIFICATIONS

R Tables

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

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

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SHIPPING INFORMATION

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

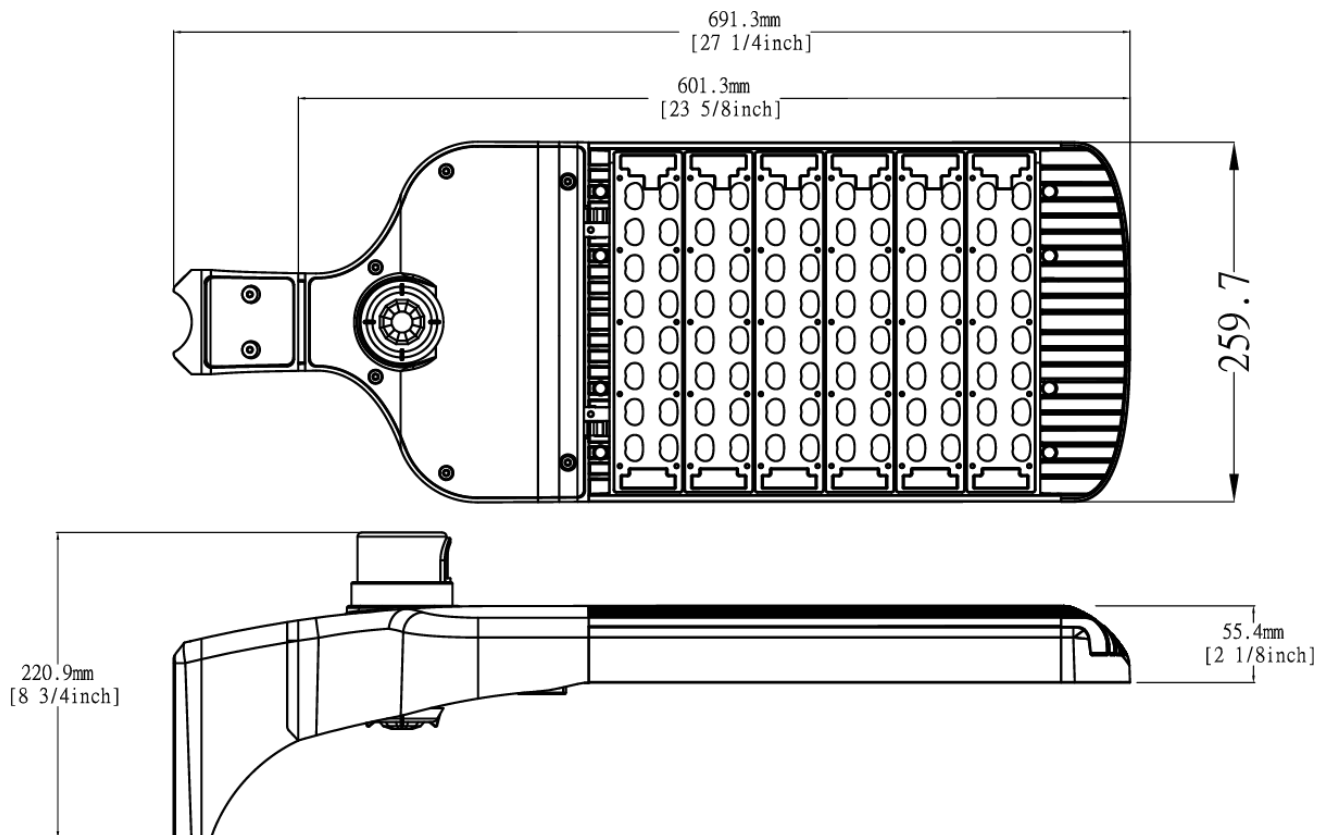
Box Weight: 8.1 kg

Box Quantity: 1

Box Dimensions (L-W-H): 695 x 340 x 180 mm

LINE DRAWING

Line Drawings





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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]
	75	75W	40K	4000K	3R	3" RD Pole	T2H	with House Side Shield	UN4	347VAC	BK	Black	O
	140	140W	50K	5000K	4R	4" RD Pole	T3	Type III	WRV	120-347VAC	WH	White	AR-N3PC-UNV
	185	185W	AM	Amber	5R	5" RD Pole	T3H	with House Side Shield			CC	Custom	AR-N3PC-UN4
					SF	Slip Fitter	T4	Type IV					AR-SPIKE
							T4H	with House Side Shield					FSIR-100
							T5	Type V					
							T5H	with House Side Shield					

Optional Extras: AR-SPIKE AR-N3PC-UNV