

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

SERIES SPECIFICATIONS

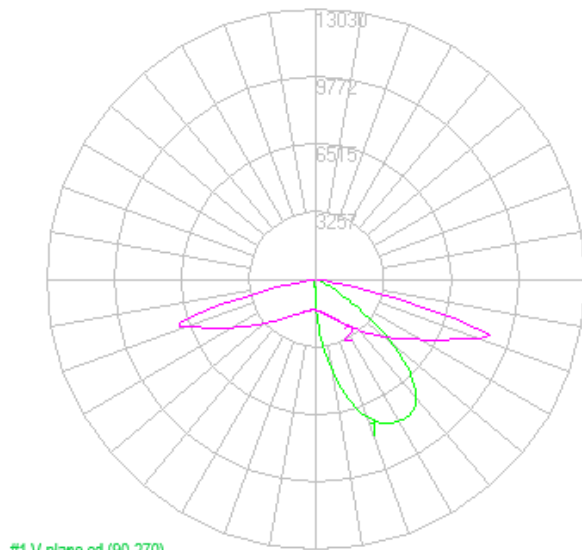


To supply TamLite ARPS Series of LED fixtures as specified. The luminaire shall operate at 347Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion coat.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



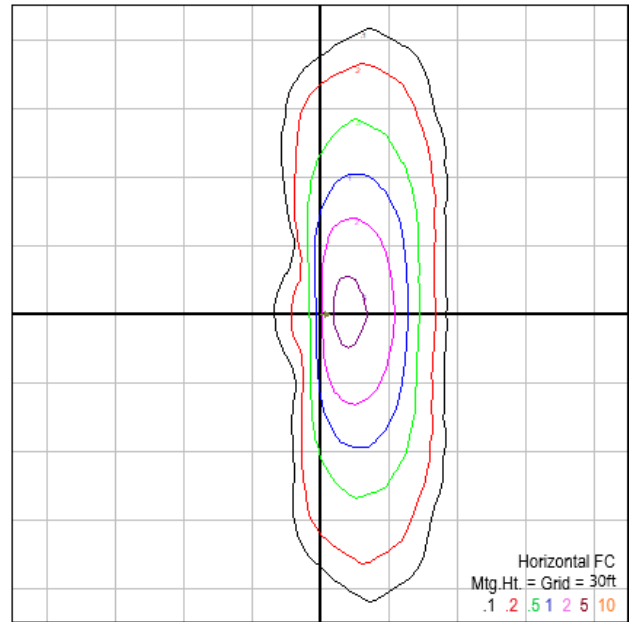
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

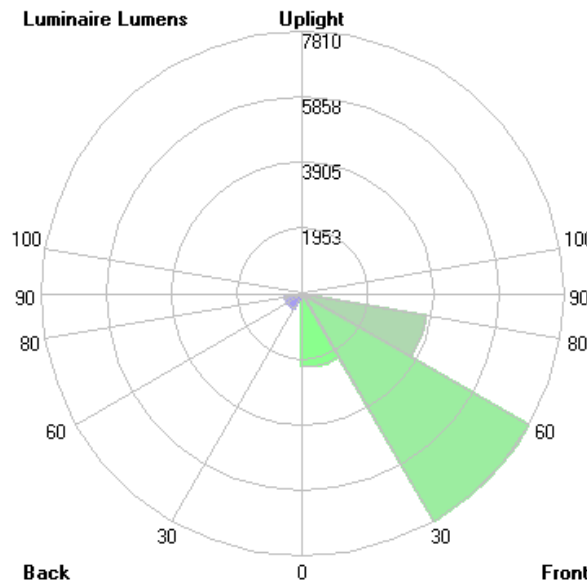


#1 V-plane cd (90-270)
#2 V-plane cd (0-180)

Isolux Diagram



BUG Graph



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lum
FL (0-30)	2176.8	14.4
FM (30-60)	7810.5	51.8
FH (60-80)	3750.4	24.9
FVH (80-90)	77.1	0.5
BL (0-30)	229.1	1.5
BM (30-60)	514.1	3.4
BH (60-80)	515.7	3.4
BVH (80-90)	7.0	0.0
UL (90-100)	0.0	0.0
UH (100-180)	0.0	0.0
Total	15080.7	100.0
BUG Rating	B2-U0-G2	

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

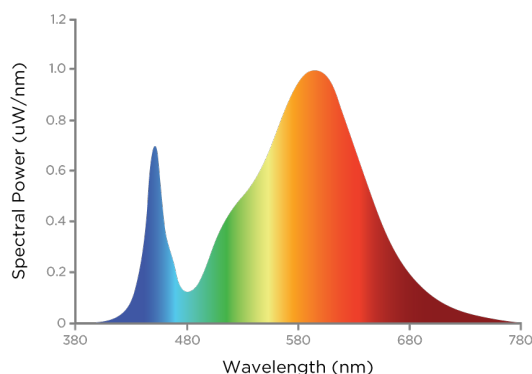
Certification Standards: UL Safety US-CA

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

SHIPPING INFORMATION

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

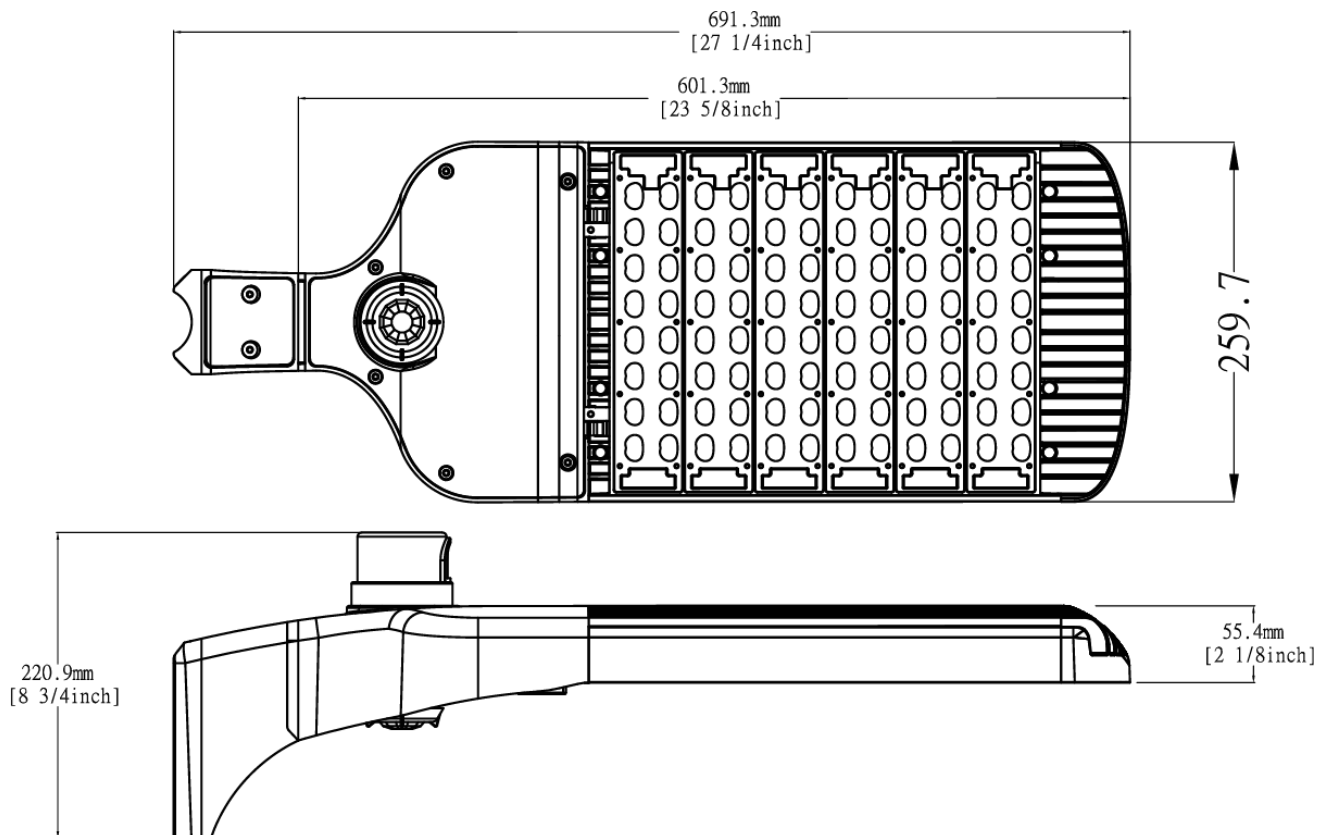
Box Weight: 8.1 kg

Box Quantity: 1

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

LINE DRAWING

Line Drawings



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 Slip Fitter	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
							T5	Type V						
							T5H	with House Side Shield						

Optional Extras: AR-SPIKE AR-N3PC-UNV