

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

SERIES SPECIFICATIONS

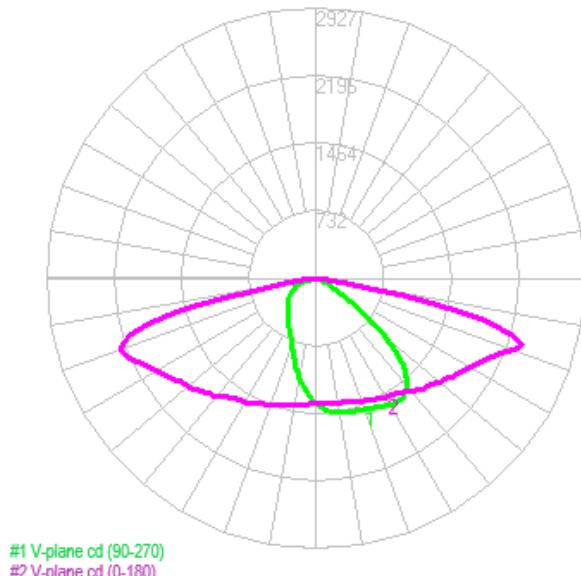


To supply Tamlite ARPS Series of LED fixtures as specified. The luminaire shall operate at 120-277Vac and use a 1-10Vdc, (10% Min Light Level) dimmable, constant current type Inventronics® driver. The housing shall be constructed of ADC12 aluminium with a Textured powder coat over chromate conversion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

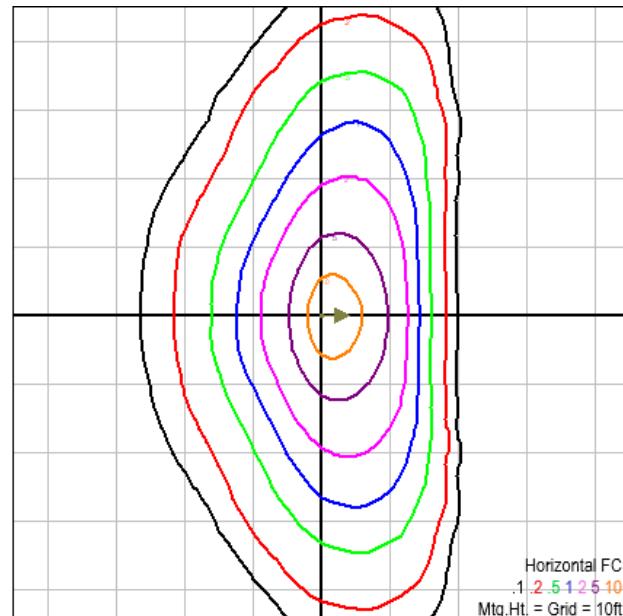


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

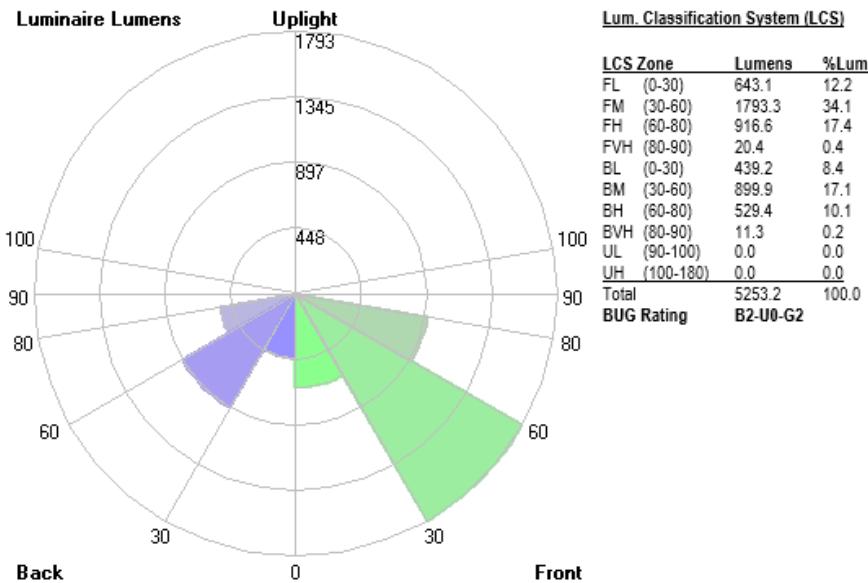


Isolux Diagram



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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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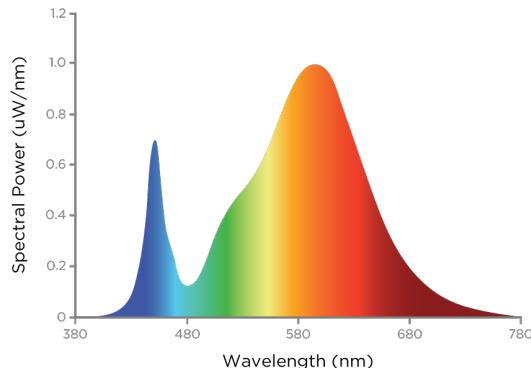
LED SPECIFICATIONS

R Tables

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: 50/60 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

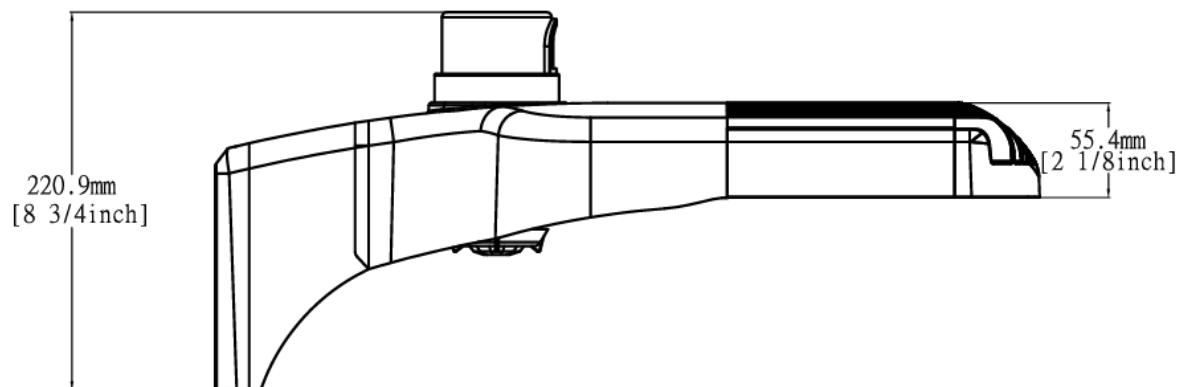
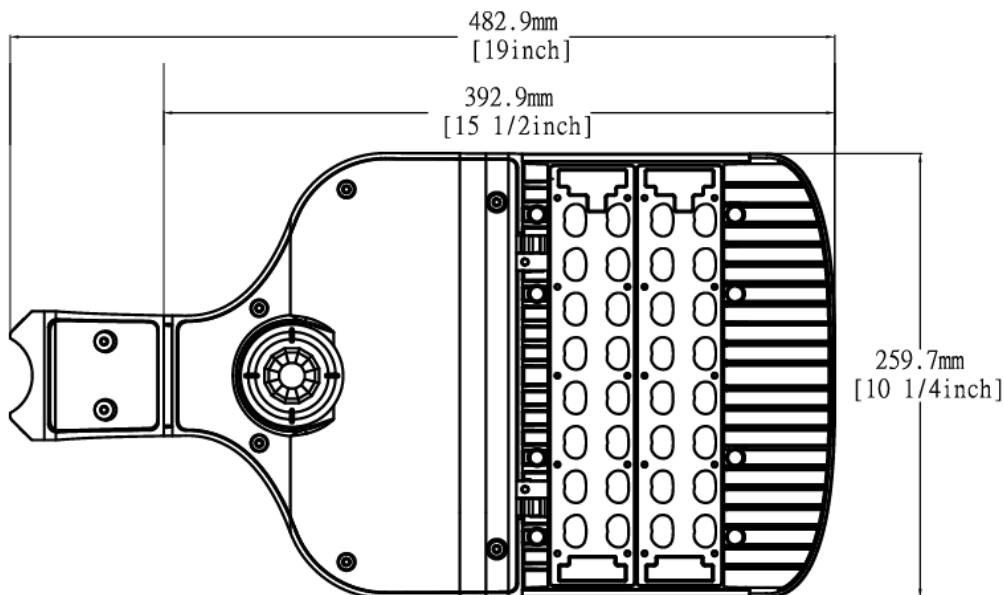
Box Weight: 4.7 kg

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

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