



Project: _____

Type: _____



Vista Plus 1x100W RGBW

The Vista Plus RGBW is an AC line powered, high brightness luminaire. Controllable with DMX512, the Vista Plus 100W RGBW is a new member of the Vista Plus family, along with the 200W and 400W. The daisy chain topology, and direct-wire nature of the fixture via the two integral cable whips allow for simple installation into existing installations and new structures, and is ideal for high-rise and tower illumination. This product is intended for use in high-quality colored light applications.



Product Specifications

Model	Vista Plus 1x100W RGBW	
Light Source	Discrete LED x 42	
Color Range	RGBW (White CCT: 4000K standard) Other White CCT and RGBA available ¹	
Beam Angle	3° native ² ; 5°, 8°, 10°, 15°, 20°, 30°, 40°, 55°, 80°, 50° x10°, 50° x5° via accessory Internal Louver (Standard)	
Luminous Flux	6012 lm	
Efficacy	57 lm/W	
Lumen Maintenance	L70 @25°C 81,000hrs	
Cover Lens	Tempered Glass	
Housing	Die Cast Aluminum	
Housing Finish Options	Gray (RAL7015), Black (RAL9005), White (RAL9003)	
Adjustment Options	±90° Vertical	
Dimensions (W x H x D)	649mm x 286.8mm x 144mm / 25.6" x 11.3" x 5.7"	
Weight	14.5kg / 31.96lbs.	
EPA (sq.ft)	Vista Plus 1x100W: Front: 1.02 Side: 0.42	Vista Plus 1x100W with Pole mount: Front: 1.3296 Side: 0.6576
Regulatory Listing & Safety Approval	cETLus, CE, UKCA, FCC, RoHS, REACH, ASTM B117-16, ANSI 3G, IK08	
Operating Temperature	-30°C to +55°C / -22°F to +131°F	
Minimum Starting Temperature	-20°C / -4°F	
Storage Temperature	-40°C to +80°C / -40°F to +176°F	
Environment	Outdoor (IP66), suitable for coastal environments	
Humidity	85%, non-condensing	

Electrical Specifications

Input Voltage³	120-277V _{AC} 50/60Hz
Power Consumption	100W
Power Factor	≥ 0.9

System Specifications

Technology	DynaMood®: BeamOne
Control	DMX512, RDM Enabled
Addressing Options	Address set via RDM
Power	AC Line
Power Supply	Integrated

1. No MOQ required. Please consult regional sales office for pricing and lead time.
 2. 3° native with actual measurement of avg. 3.8°
 3. Auto-switching. Single phase (line, neutral and ground).

LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

This product contains a light source of energy efficiency class G to Regulation (EU) No 2019/2015.
 Lumen measurement complies with LM-79-08 standard.
 Lumen maintenance is calculated based on LM-80 compliant measurement.

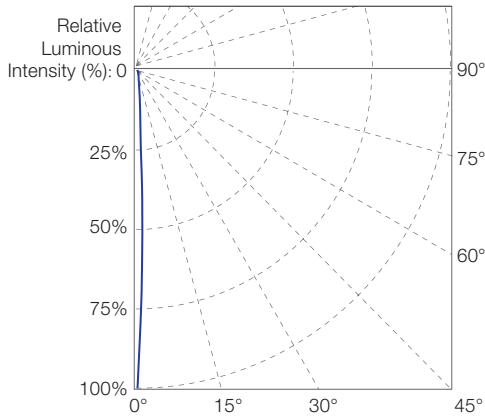


Source Specifications

Optics 3° native²

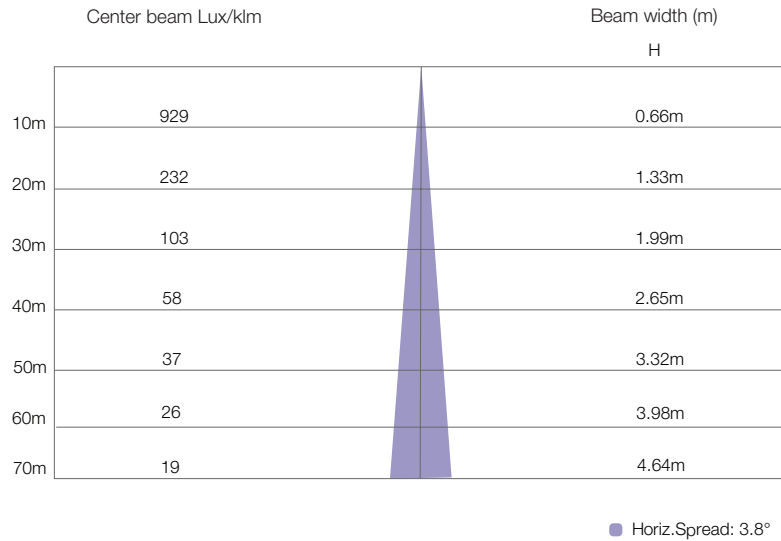
Candela Distribution

Light Output



Color	Luminous Flux (lm)	Center Intensity (cd)	Efficacy (lm/W)
RGBW FULL ON	6012	561827	57
RGB ON	2568	249353	47
Red ON	574	55745	38
Green ON	1752	168702	53
Blue ON	294	25901	16
White ON	3568	319464	64

Illuminance at a Distance



For fc divide by 10.7

For feet multiply by 3.28

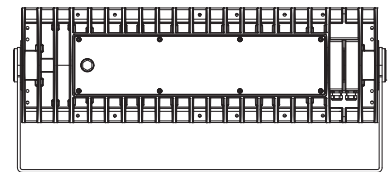
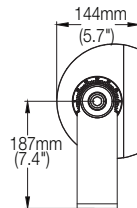
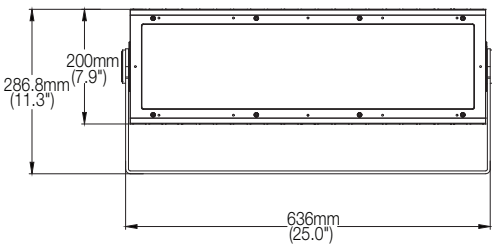
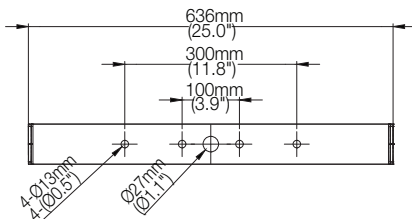
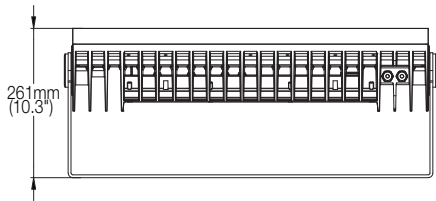
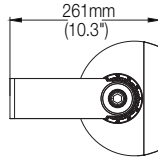
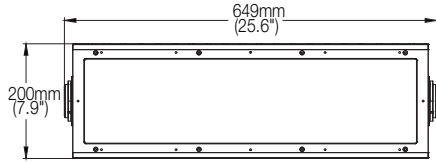
IES and LDT files are available for download from the Traxon website.

Data may subject to change, please always download the latest copy from Traxon website.

2. 3° native with actual measurement of avg. 3.8°.



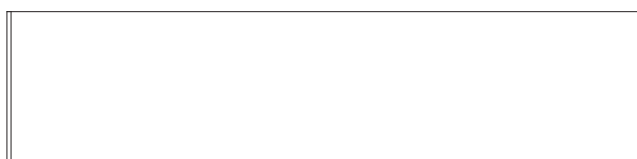
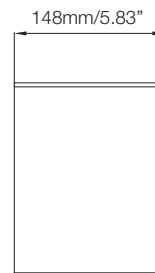
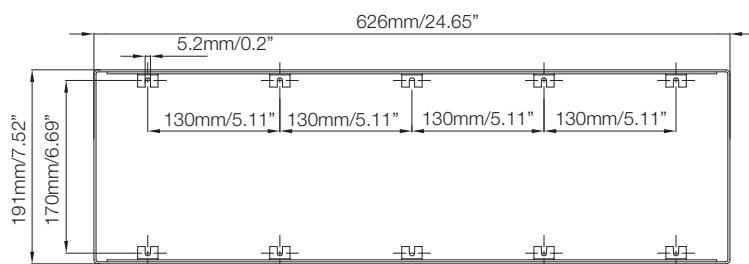
Fixture



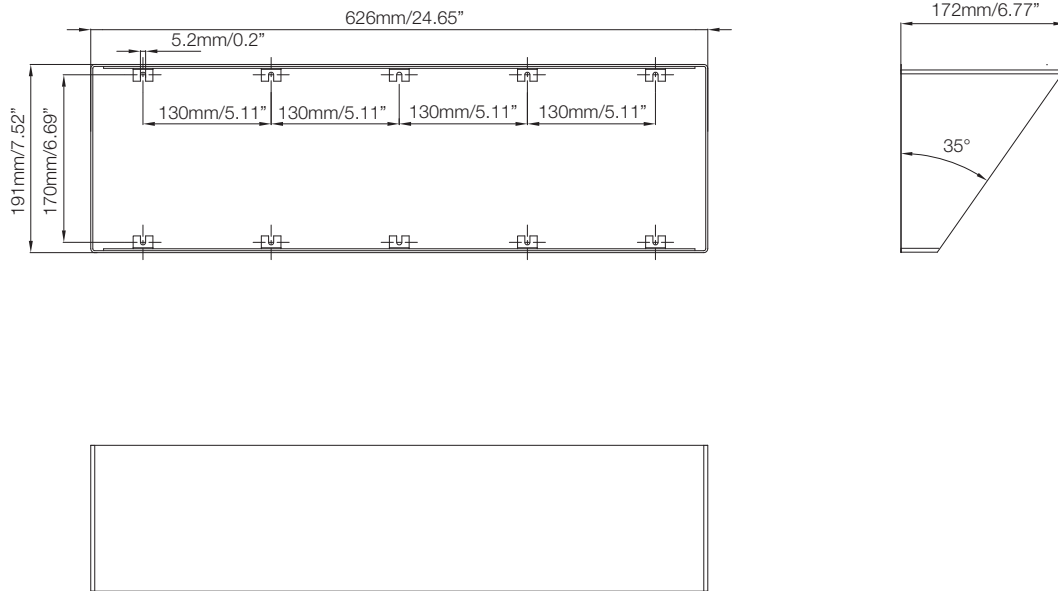
Vista Plus 100W open wire cable lengths

	Power input cable	Data in/out cable (combined)
Cable Length (open wire)	1830mm (72")	1830mm (72")
Cable Outer Diameter	7.8mm (0.31")	8.1mm (0.32")

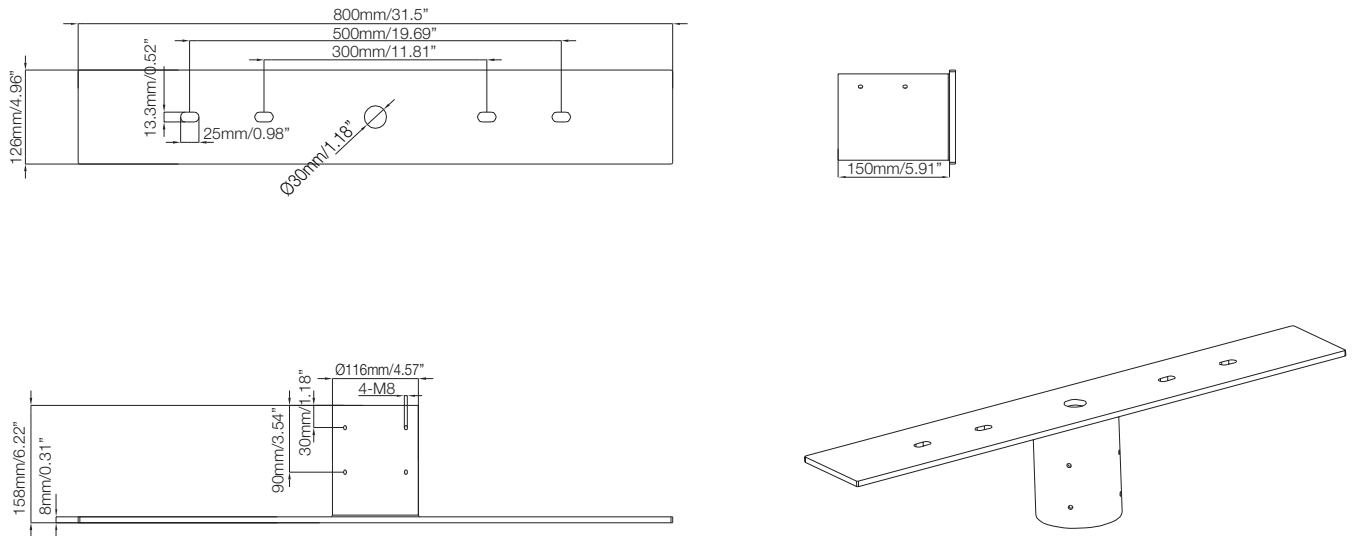
Full Glare Shield



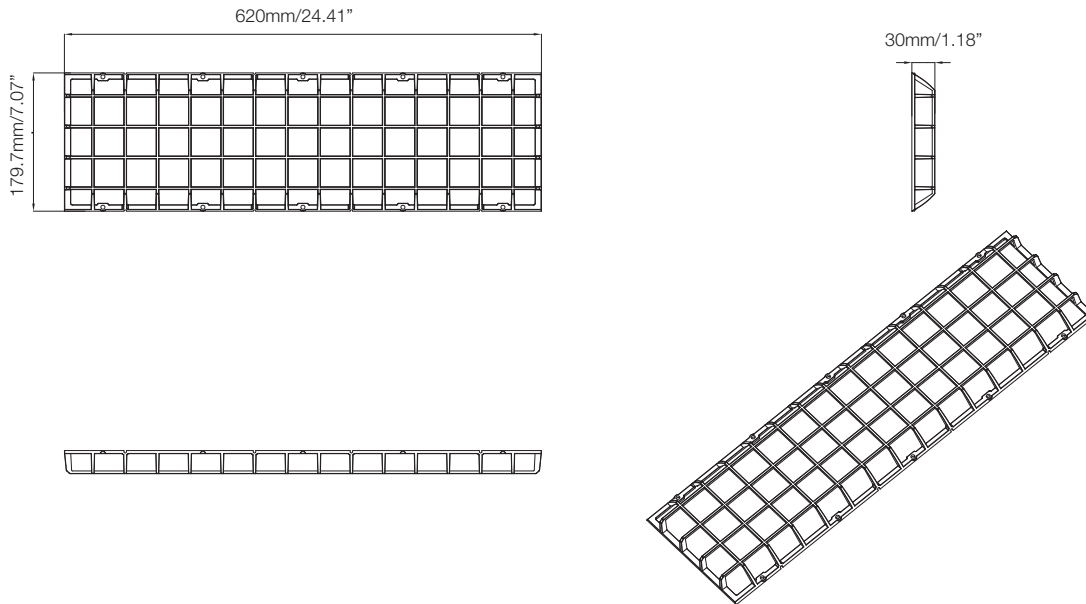
Half Glare Shield



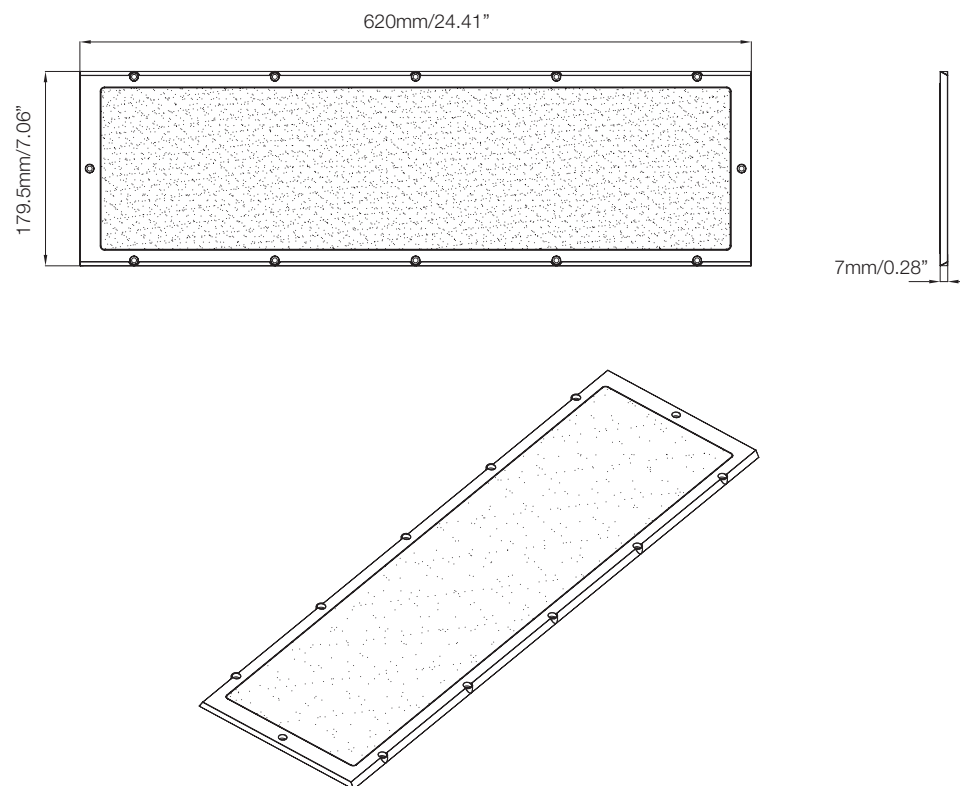
Pole-Mounting Supporter

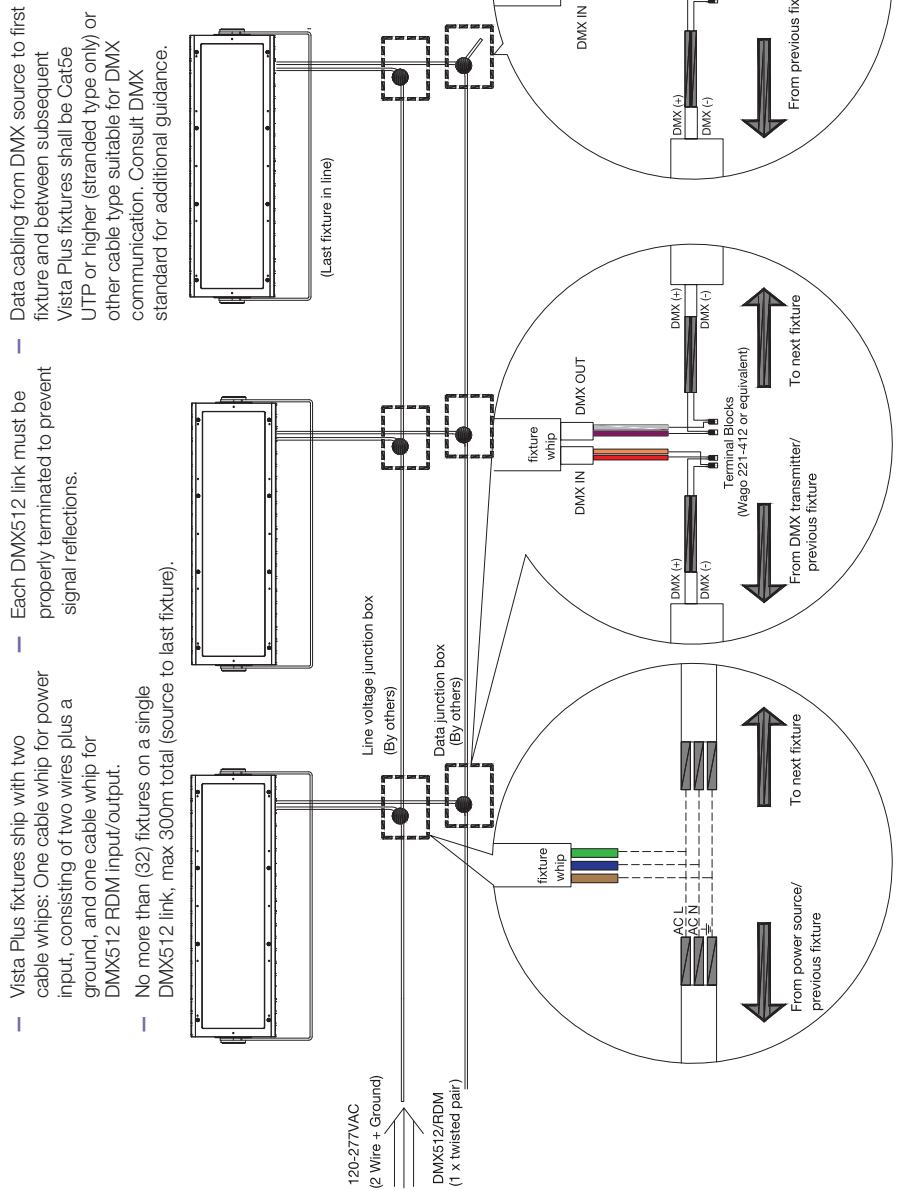


Rock Guard



Spread Lens Frame





- Vista Plus fixtures ship with two cable whips: One cable whip for power input, consisting of two wires plus a ground, and one cable whip for DMX512 RDM input/output.
- No more than (32) fixtures on a single DMX512 link, max 300m total (source to last fixture).
- Each DMX512 link must be properly terminated to prevent signal reflections.
- Data cabling from DMX source to first fixture and between subsequent Vista Plus fixtures shall be Cat5e UTP or higher (stranded type only) or other cable type suitable for DMX communication. Consult DMX standard for additional guidance.

General Notes

- All data cabling must adhere to ANSI E1.11-2008 (R2013) – Entertainment Technology – USITT DMX512-A, Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories.
- Fixture is RDM compatible.
- Fixtures allow a universal input of 120VAC to 277VAC.
- Data termination shall utilize cage clamp terminal blocks, or equivalent. Wire nuts are not permissible and will void warranty.
- The method of line voltage termination, both for data and power, is at the discretion of the installing contractor, and/or engineer. Splicing and/or joining of cables must adhere to all applicable electrical codes.
- Cables must be spliced/joined in a weatherproof enclosure/junction box, which is to be properly rated and provided by others.

Vista Plus 1x100W RGBW

Ordering

Model Number

PP	V5	9	4	4	1	1	X
	Vista Plus	Control	Color	CCT		Optic	Finish
	V5: 100W x 1	9: DMX	4: RGBW	4: 4000K		1: 3°	1: Gray
							2: Black
							3: White

Fixtures

Model No.	Description	Item Code
PP.V5.944111	VISTA PLUS 1x100W RGBW 3° GRAY	AM410120055
PP.V5.944112	VISTA PLUS 1x100W RGBW 3° BLACK	AM410130055
PP.V5.944113	VISTA PLUS 1x100W RGBW 3° WHITE	AM410140055

Accessories

Model No.	Description	Item Code
PP.VA.510001	VISTA PLUS 100W ANTI-GLARE HALF SHIELD	AM410300055
PP.VA.520001	VISTA PLUS 100W ANTI-GLARE FULL SHIELD	AM410310055
PP.VA.530001	VISTA PLUS 100W ROCK GUARD	AM410320055
PP.VA.541001	VISTA PLUS 100W SPREAD LENS MODULE - 5°	AM410330055
PP.VA.542001	VISTA PLUS 100W SPREAD LENS MODULE - 8°	AM410340055
PP.VA.543001	VISTA PLUS 100W SPREAD LENS MODULE - 10°	AM410350055
PP.VA.544001	VISTA PLUS 100W SPREAD LENS MODULE - 15°	AM410360055
PP.VA.545001	VISTA PLUS 100W SPREAD LENS MODULE - 20°	AM410370055
PP.VA.546001	VISTA PLUS 100W SPREAD LENS MODULE - 30°	AM410380055
PP.VA.547001	VISTA PLUS 100W SPREAD LENS MODULE - 40°	AM410390055
PP.VA.548001	VISTA PLUS 100W SPREAD LENS MODULE - 55°	AM410400055
PP.VA.549001	VISTA PLUS 100W SPREAD LENS MODULE - 80°	AM410410055
PP.VA.54A001	VISTA PLUS 100W SPREAD LENS MODULE - 50° x 10°	AM410420055
PP.VA.54B001	VISTA PLUS 100W SPREAD LENS MODULE - 50° x 5°	AM410430055
PP.VA.541002	VISTA PLUS 100W SPREAD LENS MODULE - 5° BL	AM410470055
PP.VA.542002	VISTA PLUS 100W SPREAD LENS MODULE - 8° BL	AM410480055
PP.VA.543002	VISTA PLUS 100W SPREAD LENS MODULE - 10° BL	AM410490055
PP.VA.544002	VISTA PLUS 100W SPREAD LENS MODULE - 15° BL	AM410500055
PP.VA.545002	VISTA PLUS 100W SPREAD LENS MODULE - 20° BL	AM410510055
PP.VA.546002	VISTA PLUS 100W SPREAD LENS MODULE - 30° BL	AM410520055
PP.VA.547002	VISTA PLUS 100W SPREAD LENS MODULE - 40° BL	AM410530055
PP.VA.548002	VISTA PLUS 100W SPREAD LENS MODULE - 55° BL	AM410540055
PP.VA.549002	VISTA PLUS 100W SPREAD LENS MODULE - 80° BL	AM410550055
PP.VA.54A002	VISTA PLUS 100W SPREAD LENS MODULE - 50° x 10° BL	AM410560055
PP.VA.54B002	VISTA PLUS 100W SPREAD LENS MODULE - 50° x 5° BL	AM410570055
PP.VA.541003	VISTA PLUS 100W SPREAD LENS MODULE - 5° WT	AM410610055
PP.VA.542003	VISTA PLUS 100W SPREAD LENS MODULE - 8° WT	AM410620055
PP.VA.543003	VISTA PLUS 100W SPREAD LENS MODULE - 10° WT	AM410630055
PP.VA.544003	VISTA PLUS 100W SPREAD LENS MODULE - 15° WT	AM410640055
PP.VA.545003	VISTA PLUS 100W SPREAD LENS MODULE - 20° WT	AM410650055



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Accessories

Model No.	Description	Item Code
PP.VA.546003	VISTA PLUS 100W SPREAD LENS MODULE - 30° WT	AM410660055
PP.VA.547003	VISTA PLUS 100W SPREAD LENS MODULE - 40° WT	AM410670055
PP.VA.548003	VISTA PLUS 100W SPREAD LENS MODULE - 55° WT	AM410680055
PP.VA.549003	VISTA PLUS 100W SPREAD LENS MODULE - 80° WT	AM410690055
PP.VA.54A003	VISTA PLUS 100W SPREAD LENS MODULE - 50° x 10° WT	AM410700055
PP.VA.54B003	VISTA PLUS 100W SPREAD LENS MODULE - 50° x 5° WT	AM410710055
PP.VA.510002	VISTA PLUS 100W ANTI-GLARE HALF SHIELD BL	AM410440055
PP.VA.520002	VISTA PLUS 100W ANTI-GLARE FULL SHIELD BL	AM410450055
PP.VA.530002	VISTA PLUS 100W ROCK GUARD BL	AM410460055
PP.VA.510003	VISTA PLUS 100W ANTI-GLARE HALF SHIELD WT	AM410580055
PP.VA.520003	VISTA PLUS 100W ANTI-GLARE FULL SHIELD WT	AM410590055
PP.VA.530003	VISTA PLUS 100W ROCK GUARD WT	AM410600055
PP.VA.050001	VISTA PLUS POLE-MOUNTING SUPPORT	AM380750055
PP.VA.050002	VISTA PLUS POLE-MOUNTING SUPPORT BL	AM380900055
PP.VA.050003	VISTA PLUS POLE-MOUNTING SUPPORT WT	AM381050055