

ARCHISHAPE® 2.0 Linear MIDI

Datasheet



ARCHISHAPE® 2.0 Linear MIDI is an ultra slim, highly reliable, and energy efficient exterior LED liner with unique water-proof structure and excellent lighting effect. The robust ARCHISHAPE® 2.0 Linear product series offers a variety of color and white CCT options, beam angles and power ranges with either static on/off or dynamic control options via standard DMX-512. It is ideal for wall washing application to create dynamic lighting experiences while maintaining superior color consistency.

This product is intended for use in high-quality colored light applications.

Benefits

Slim size

- Easy fit in different architectural structures

Dedicated optic design

- Even washing effect
- Optimized color mixing

DMX control

- Dynamic lighting control

Easy installation and maintenance

- Auto-addressing
- Quick installation and reliable connection by self-locking water-proof connectors

Applications

- Building façades
- General area flood lights
- Landscapes
- Bridges

This product contains a light source of energy efficiency class G to Regulation (EU) No 2019/2015.

ARCHISHAPE® 2.0 Linear MIDI

Technical Data

Optical Specifications

		300mm	500mm	1000mm
		12W	18W	36W
Luminous Flux	3000K	855 lm	1370 lm	2740 lm
	4000K	900 lm	1440 lm	2880 lm
	RGB	413 lm	630 lm	1584 lm
	RGBW (W: 4000K)	383 lm	766 lm	1533 lm
Efficacy	White	80 lm/W (4000K)		
	RGB	35 lm/W-42 lm/W		
	RGBW (W: 4000K)	35 lm/W-45 lm/W		
CCT		3000K, 4000K, RGB, RGBW		
CRI		80 (White LED)		
SDCM		5 (White LED)		
Beam Angle	White	11°, 15° × 30°, 15° × 55°, 25°, 36°		
	RGB	36°, 10° × 55°		
	RGBW	20° × 30°, 25° × 50°		

Electrical and Mechanical Specifications

Input Voltage	24V DC		
Power Consumption	12W	18W	36W
Dimensions (L × W × H) (Exclude Mounting Bracket)	300mm × 41mm × 29mm	500mm × 41mm × 29mm	1000mm × 41mm × 29mm
Weight	0.8kg	1.2kg	2kg
Cover Lens	Semi-tempered glass cover		
Housing	Aluminum housing		

System Specifications

Control	ON/OFF		
Max. Interconnection	16 units	8 units	4 units
Adjustment Options	±90° tilt		
Operating Temperature	-20°C to +50°C		
Storage Temperature	-40°C to +80°C		
Environment	Outdoor (IP66)		
Lumen Maintenance	L70@25°C - 50,000hrs		
Safety Approval	Electrical Protection Class III, CE, CB		

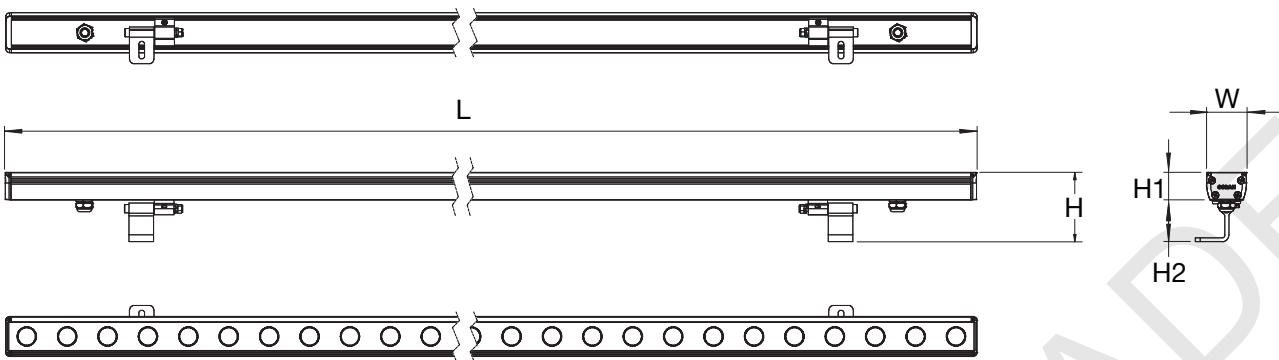
Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

ARCHISHAPE® 2.0 Linear MIDI

Dimensions



Dimensions

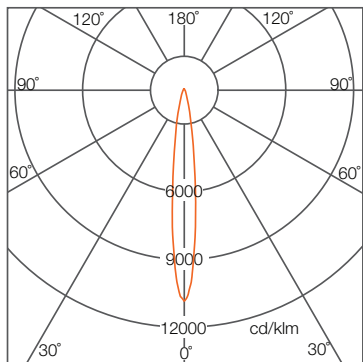
	300mm*	500mm	1000mm
L	300mm	500mm	1000mm
W	41mm		
H	72mm		
H1	28mm		
H2	43mm		

* The length of RGB Linear is 330mm.

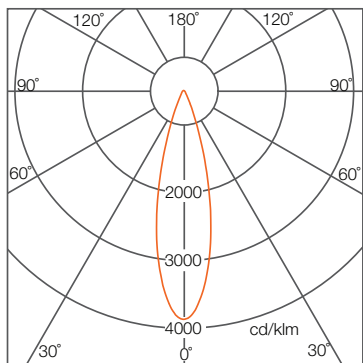
ARCHISHAPE® 2.0 Linear MIDI
Photometrics

Light Distribution Curve

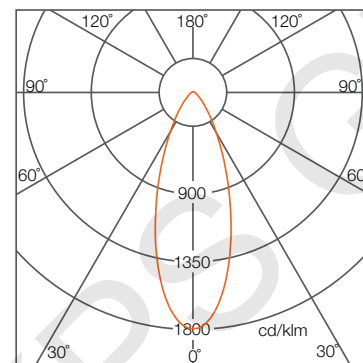
White, 11°



White, 25°



White, 36°



Illuminance at a distance

	Center Beam Lux/klm	Beam Width
0.5m	40656	0.11m
1m	10164	0.21m
1.5m	4517	0.32m
2m	2541	0.42m
2.5m	1626	0.53m
3m	1129	0.63m

For feet multiply by 3.28

Spread: 12.0°
For fc divide by 10.7

	Center Beam Lux/klm	Beam Width
0.5m	15489	0.23m
1m	3872	0.47m
1.5m	1721	0.70m
2m	968	0.94m
2.5m	620	1.17m
3m	430	1.41m

For feet multiply by 3.28

Spread: 26.4°
For fc divide by 10.7

	Center Beam Lux/klm	Beam Width
0.5m	7366	0.33m
1m	1842	0.66m
1.5m	818	0.99m
2m	460	1.32m
2.5m	295	1.64m
3m	205	1.97m

For feet multiply by 3.28

Spread: 36.4°
For fc divide by 10.7

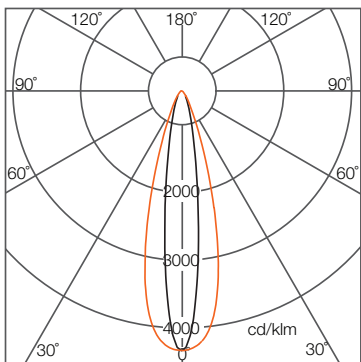
Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

ARCHISHAPE® 2.0 Linear MIDI

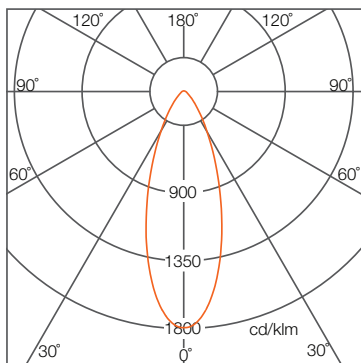
Photometrics

Light Distribution Curve

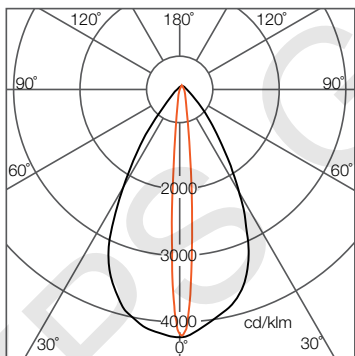
White, 15° x 30°



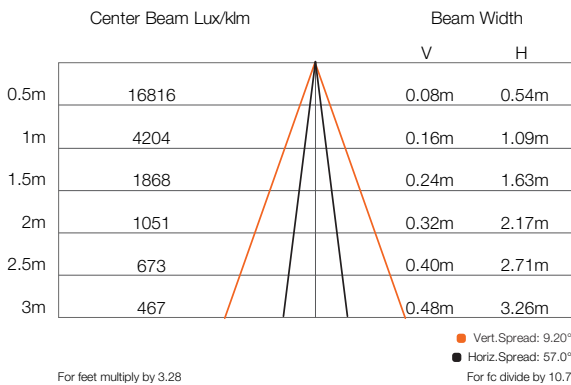
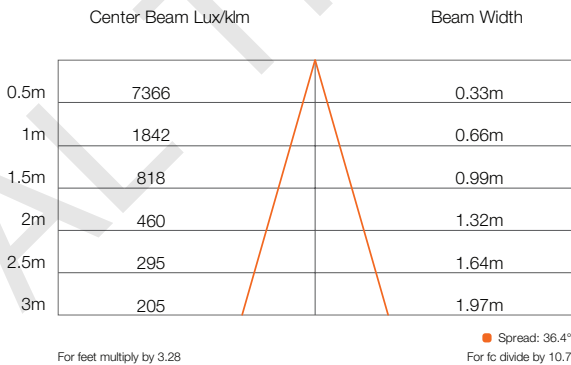
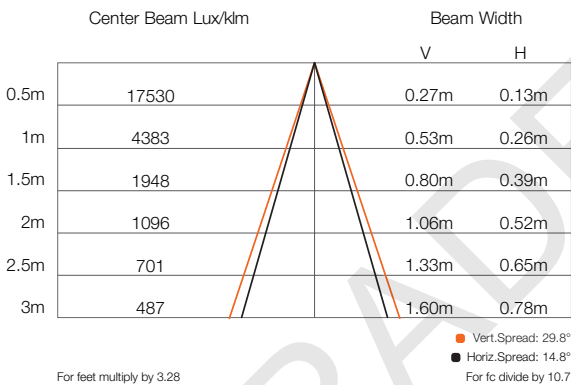
RGB, 36°



RGB, 10° x 55°



Illuminance at a distance



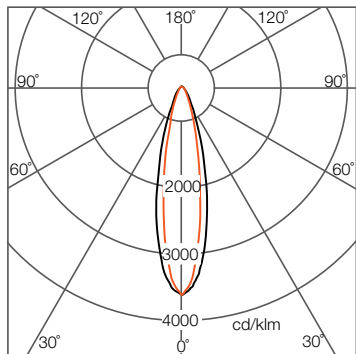
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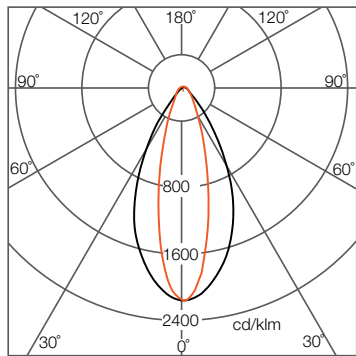
Photometrics

Light Distribution Curve

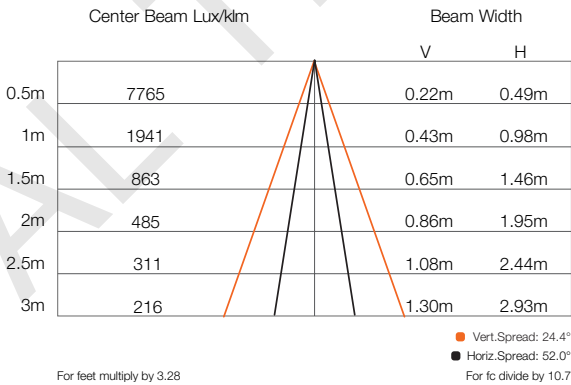
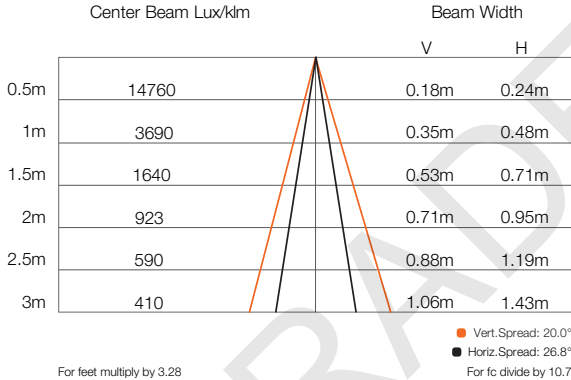
RGBW, 20° x 30°



RGBW, 25° x 50°



Illuminance at a distance

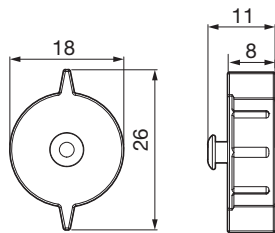


Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

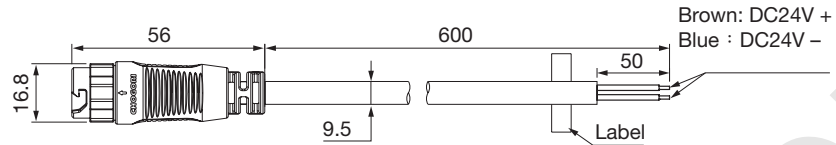
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System Diagram

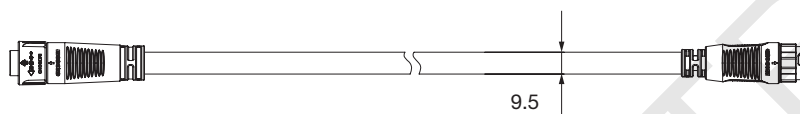
DC On/Off version-Accessories



ASL 2&3-pin Connector Socket End Cap CE
AM259050055

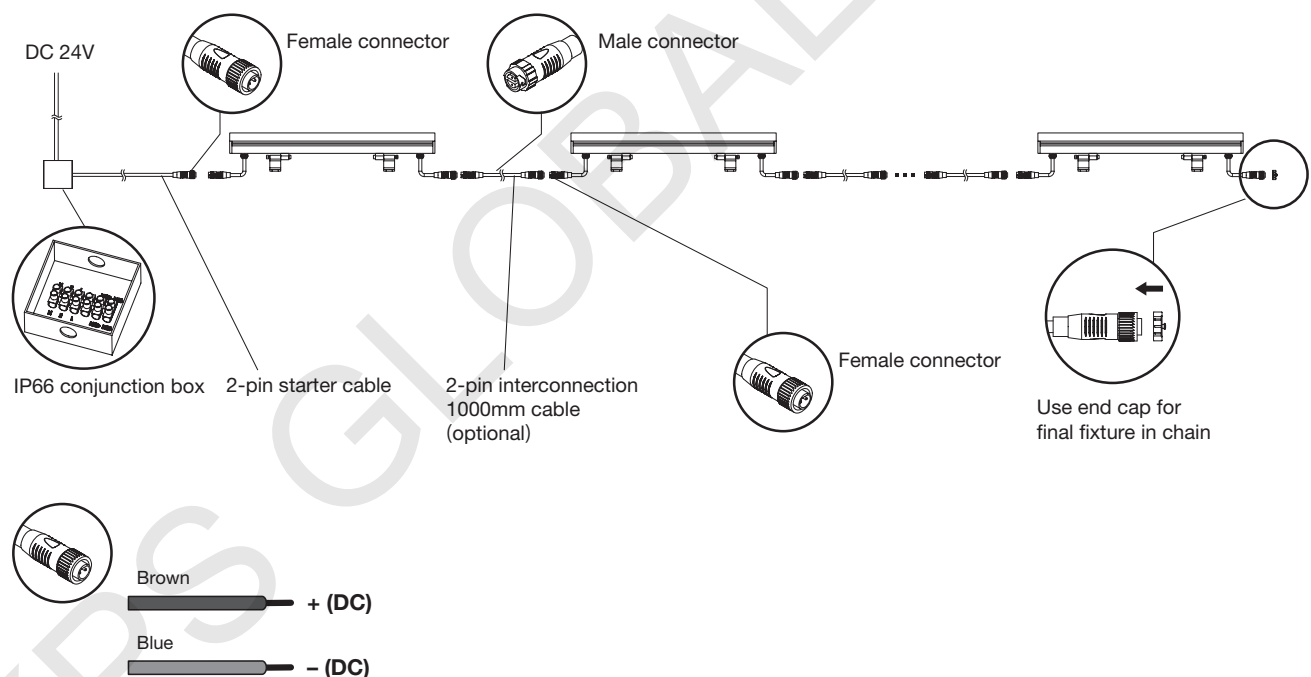


ASL 2-pin DC Power Starter Cable 600 CE
AM251590055



ASL 2-pin DC Interconnection CAB 1000 CE AM251600055

DC On/Off version-System Diagram

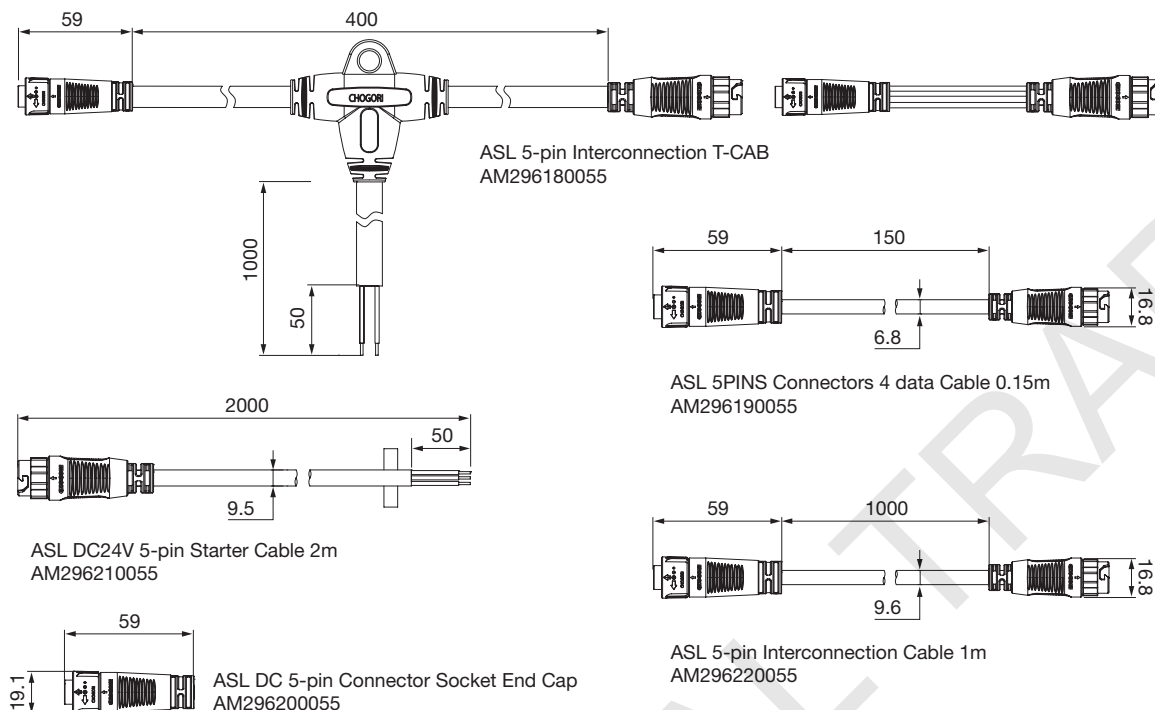


Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

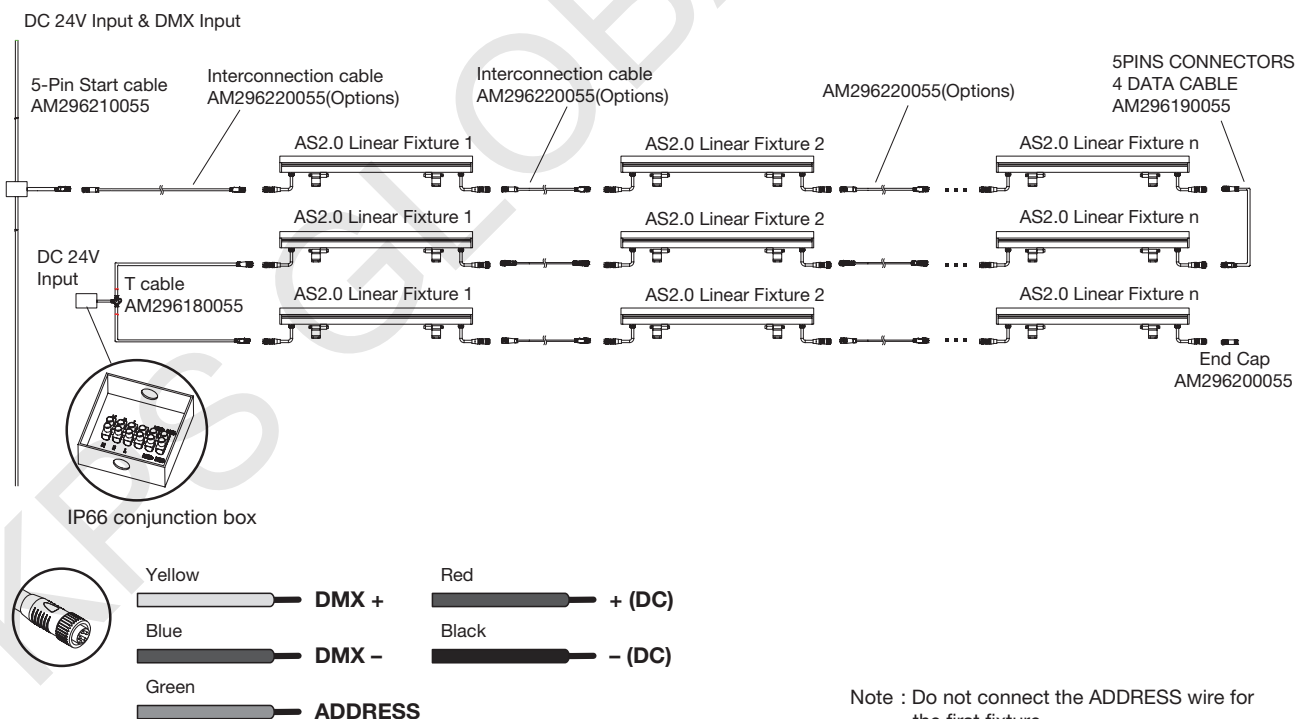
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System Diagram

DC DMX version-Accessories



DC DMX version-System Diagram



Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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Ordering Codes

Fixture (White ON/OFF)

Short Text	Power	Length	CCT	Beam Angle	Material	EAN40
ASL MIDI DC 12W 830 15X30 300 CE	12W	300mm	3000K	15° x 30°	AM248280055	4062172019378
ASL MIDI DC 12W 840 15X30 300 CE	12W	300mm	4000K	15° x 30°	AM248290055	4062172019392
ASL MIDI DC 36W 830 15X30 1000 CE	36W	1000mm	3000K	15° x 30°	AM248260055	4062172019330
ASL MIDI DC 36W 840 15X30 1000 CE	36W	1000mm	4000K	15° x 30°	AM248270055	4062172019354
ASL MIDI DC 12W 830 36D 300 CE	12W	300mm	3000K	36°	AM248240055	4062172019279
ASL MIDI DC 12W 840 36D 300 CE	12W	300mm	4000K	36°	AM248250055	4062172019309
ASL MIDI DC 36W 830 36D 1000 CE	36W	1000mm	3000K	36°	AM248220055	4062172019231
ASL MIDI DC 36W 840 36D 1000 CE	36W	1000mm	4000K	36°	AM248230055	4062172019255

Fixture (White DMX)

Short Text	Power	Length	CCT	Beam Angle	Material	EAN40
ASL MIDI DC 36W 830 36D D1 1000 CE	36W	1000mm	3000K	36°	AM315230055	4062172072823
ASL MIDI DC 36W 840 36D D1 1000 CE	36W	1000mm	4000K	36°	AM315240055	4062172072847
ASL MIDI DC 18W 830 36D D1 500 CE	18W	500mm	3000K	36°	AM315270055	4062172072946
ASL MIDI DC 18W 840 36D D1 500 CE	18W	500mm	4000K	36°	AM315310055	4062172072922
ASL MIDI DC 12W 830 36D D1 300 CE	12W	300mm	3000K	36°	AM315360055	4062172072960
ASL MIDI DC 12W 840 36D D1 300 CE	12W	300mm	4000K	36°	AM315380055	4062172073004
ASL MIDI DC 36W 830 15X30 D1 1000 CE	36W	1000mm	3000K	15° x 30°	AM315410055	4062172073066
ASL MIDI DC 36W 840 15X30 D1 1000 CE	36W	1000mm	4000K	15° x 30°	AM315440055	4062172073103
ASL MIDI DC 18W 830 15X30 D1 500 CE	18W	500mm	3000K	15° x 30°	AM315480055	4062172073165
ASL MIDI DC 18W 840 15X30 D1 500 CE	18W	500mm	4000K	15° x 30°	AM315500055	4062172073189
ASL MIDI DC 12W 830 15X30 D1 300 CE	12W	300mm	3000K	15° x 30°	AM315510055	4062172073202
ASL MIDI DC 12W 840 15X30 D1 300 CE	12W	300mm	4000K	15° x 30°	AM315520055	4062172073448

Fixture (RGB/RGBW DMX)

Short Text	Power	Length	CCT	Beam Angle	Material	EAN40
ASL MIDI DC 36W RGB 36D D1 1000 CE	36W	1000mm	RGB	36°	AM315530055	4062172073486
ASL MIDI DC 18W RGB 36D D1 500 CE	18W	500mm	RGB	36°	AM315540055	4062172073509
ASL MIDI DC 12W RGB 36D D1 330 CE	12W	330mm	RGB	36°	AM315550055	4062172073622
ASL MIDI DC 36W RGB 10X55 D1 1000 CE	36W	1000mm	RGB	10° x 55°	AM315560055	4062172073523
ASL MIDI DC 36W RGBW40 20X30 D1 1000 CE	36W	1000mm	RGBW40	20° x 30°	AM315570055	4062172073547
ASL MIDI DC 18W RGB 10X55 D1 500 CE	18W	500mm	RGB	10° x 55°	AM315580055	4062172073561
ASL MIDI DC 17W RGBW40 20X30 D1 500 CE	17W	500mm	RGBW40	20° x 30°	AM315590055	4062172073585
ASL MIDI DC 12W RGB 10X55 D1 330 CE	12W	330mm	RGB	10° x 55°	AM315600055	4062172073646
ASL MIDI DC 12W RGBW40 20X30 D1 300 CE	12W	300mm	RGBW40	20° x 30°	AM315610055	4062172073608

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Ordering Codes

Accessories

Short Text	Material	EAN40
ASL 2-pin DC Interconnection CAB 1000 CE	AM251600055	4062172024693
ASL 2-pin DC Power Starter Cable 2000 CE	AM331500055	4062172084888
ASL 2-pin DC Interconnection CAB 1000 CE	AM251600055	4062172024693
ASL 2/3-pin Connector Socket End Cap CE	AM259050055	4062172026673
ASL 5-pin Interconnection T-CAB	AM296180055	4062172057660
ASL 5PINS Connectors 4 data Cable 150mm	AM296190055	4062172057677
ASL DC 5-pin Connector Socket End Cap	AM296200055	4062172057684
ASL DC24V 5-pin Starter Cable 2m	AM296210055	4062172057691
ASL 5-pin Interconnection Cable 1m	AM296220055	4062172057707

Note: Other power, length, CCT or beam angle options are made to order.