

## ARCHISHAPE® 2.0 Linear MAXI Datasheet



ARCHISHAPE® 2.0 Linear MAXI is an ultra slim, highly reliable, and energy efficient exterior LED liner with built-in driver, 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.

### Benefits

Compact 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

Website: [hkd.com.vn](http://hkd.com.vn)

HKD Lighting – The Importer and Distribution of OSRAM lighting equipment. Hotline/Zalo: **090 3030 555**

# ARCHISHAPE® 2.0 Linear MAXI

## Technical Data

### Optical Specifications

		300mm	500mm	1000mm
		14W	21W	42W
<b>Luminous Flux</b>	3000K	1170 lm	1820 lm	3620 lm
	4000K	1230 lm	1910 lm	3820 lm
	RGB	609 lm	903 lm	2064 lm
	RGBW (W: 4000K)	639 lm	2100 lm	2250 lm
<b>Efficacy</b>	White	85 lm/W (4000K)		
	RGB	43 lm/W-49 lm/W		
	RGBW (W: 4000K)	46 lm/W-53 lm/W		
<b>CCT</b>		3000K, 4000K, RGB, RGBW		
<b>CRI</b>		80 (White LED)		
<b>SDCM</b>		5 (White LED)		
<b>Beam Angle</b>	White	11°, 25°, 36°, 15° × 30°, 15° × 55°		
	RGB	36°, 15° × 55°		
	RGBW	11°, 36°, 15° × 55°		

### Electrical and Mechanical Specifications

<b>Input Voltage</b>	24V DC		
<b>Power Consumption</b>	14W	21W	42W
<b>Dimensions (L × W × H) (Exclude Mounting Bracket)</b>	300mm × 45mm × 51mm	500mm × 45mm × 51mm	1000mm × 45mm × 51mm
<b>Weight</b>	1kg	1.4kg	2.5kg
<b>Cover Lens</b>	Semi-tempered glass cover		
<b>Housing</b>	Aluminum housing		

### System Specifications

<b>Control</b>	ON/OFF		
<b>Max. Interconnection</b>	11 units	8 units	4 units
<b>Adjustment Options</b>	±90° tilt		
<b>Operating Temperature</b>	-20°C to +50°C		
<b>Storage Temperature</b>	-40°C to +80°C		
<b>Environment</b>	Outdoor (IP66)		
<b>Lumen Maintenance</b>	L70@25°C - 50,000hrs		
<b>Safety Approval</b>	Electrical Protection Class III, CE, CB		

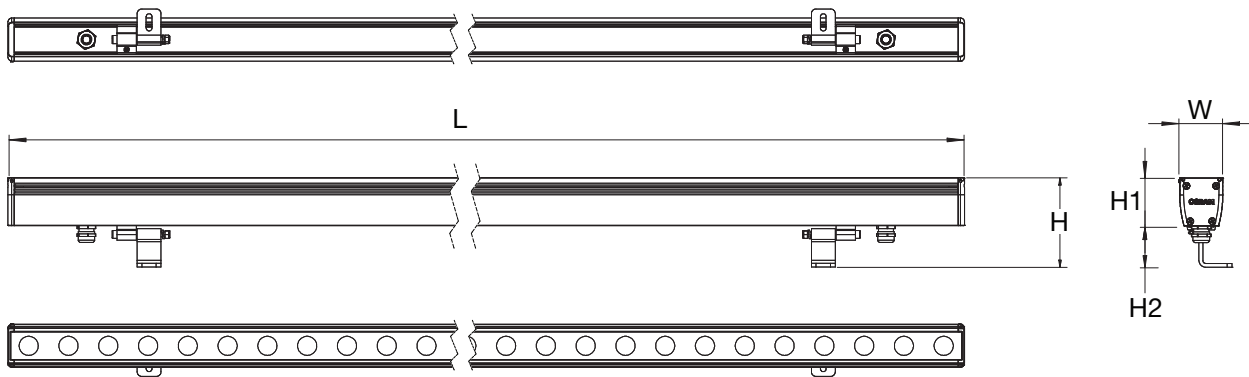
Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

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 MAXI

## Dimensions



## Dimensions

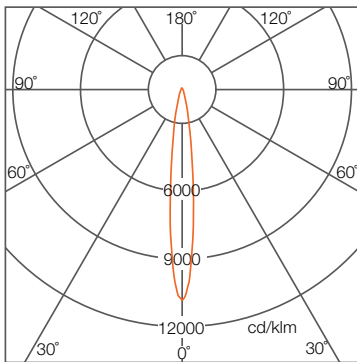
	300mm	500mm	1000mm
<b>L</b>	300mm	500mm	1000mm
<b>W</b>	45mm		
<b>H</b>	114mm		
<b>H1</b>	51mm		
<b>H2</b>	43mm		

# ARCHISHAPE® 2.0 Linear MAXI

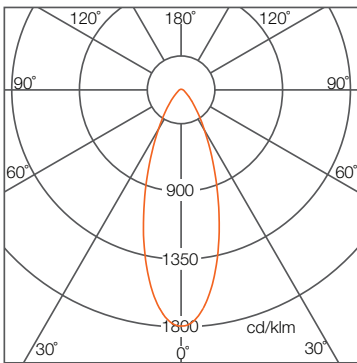
## Photometrics

### Light Distribution Curve

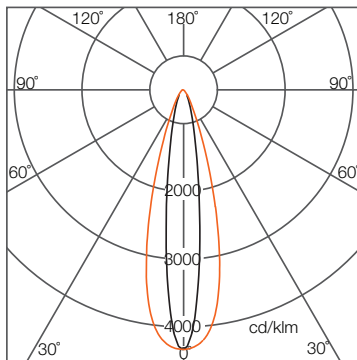
White, 11°



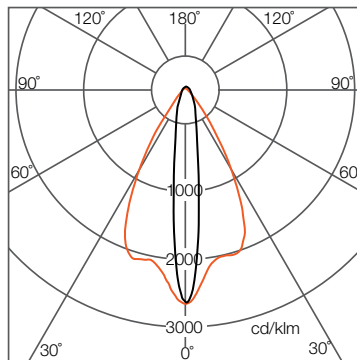
White, RGB, RGBW, 36°



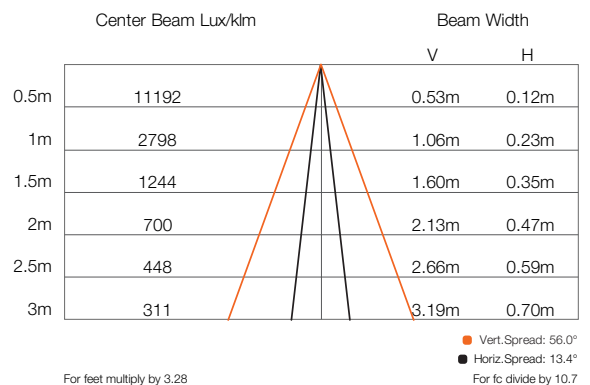
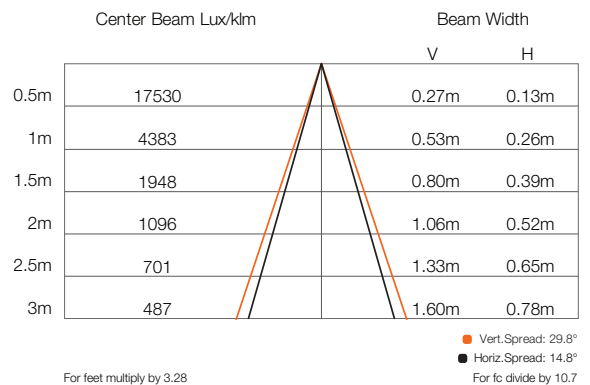
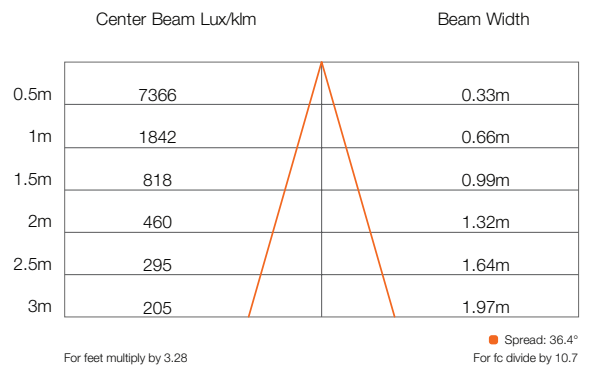
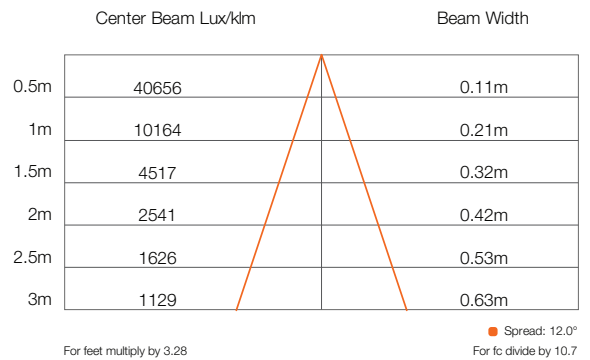
White, 15° x 30°



RGB, RGBW, 15° x 55°



### Illuminance at a distance

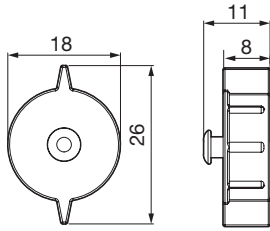


Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

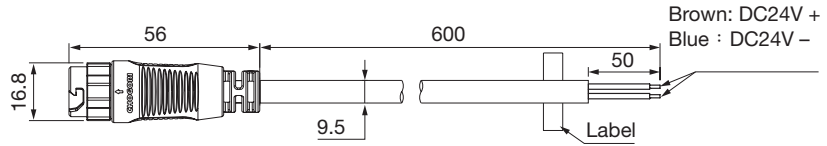
# ARCHISHAPE® 2.0 Linear MAXI

## System Diagram

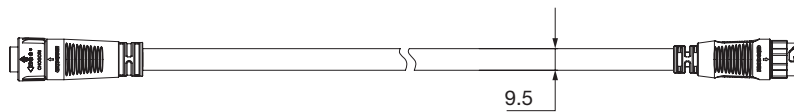
### DC On/Off version-Accessories



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

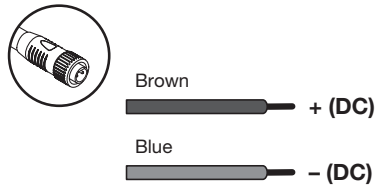
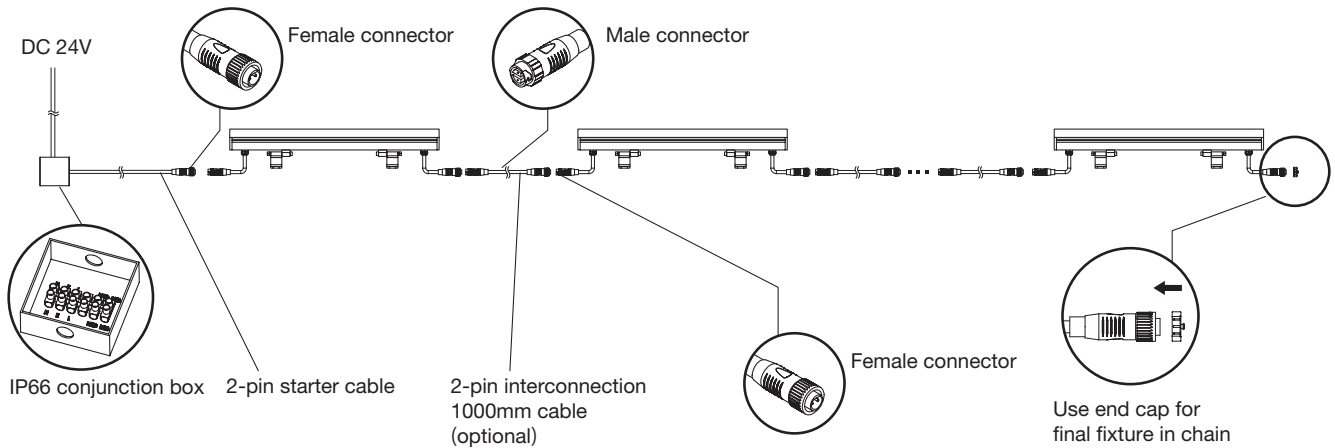


ASL 2-pin DC Power Starter Cable 600 CE  
AM251590055



ASL 2-pin DC Interconnection CAB 1000 CE AM251600055

### DC On/Off version-System Diagram

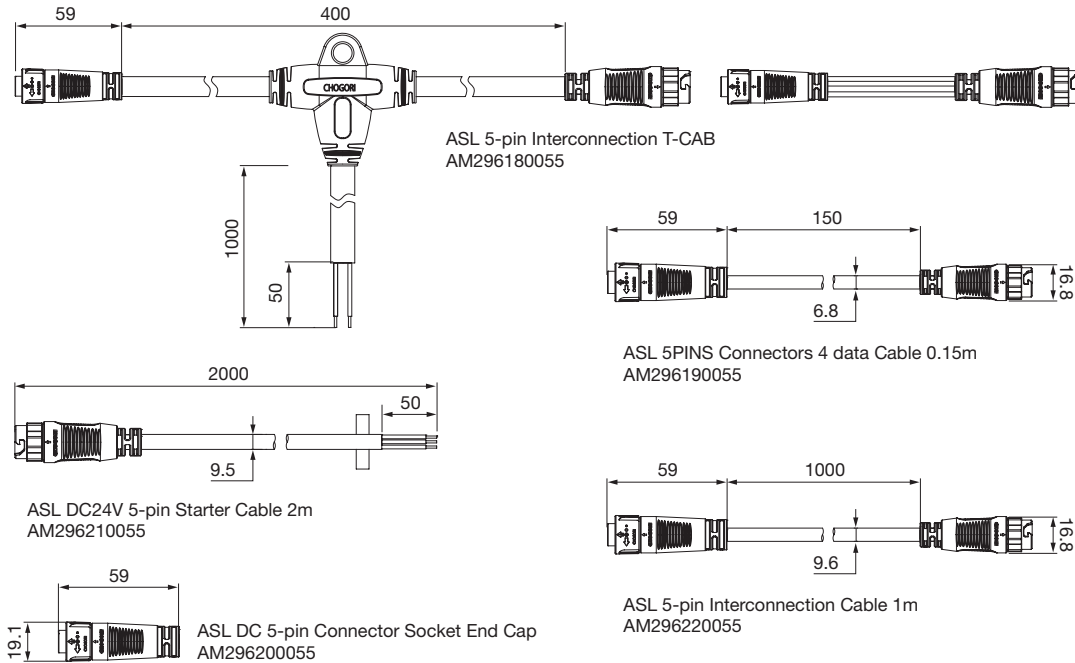


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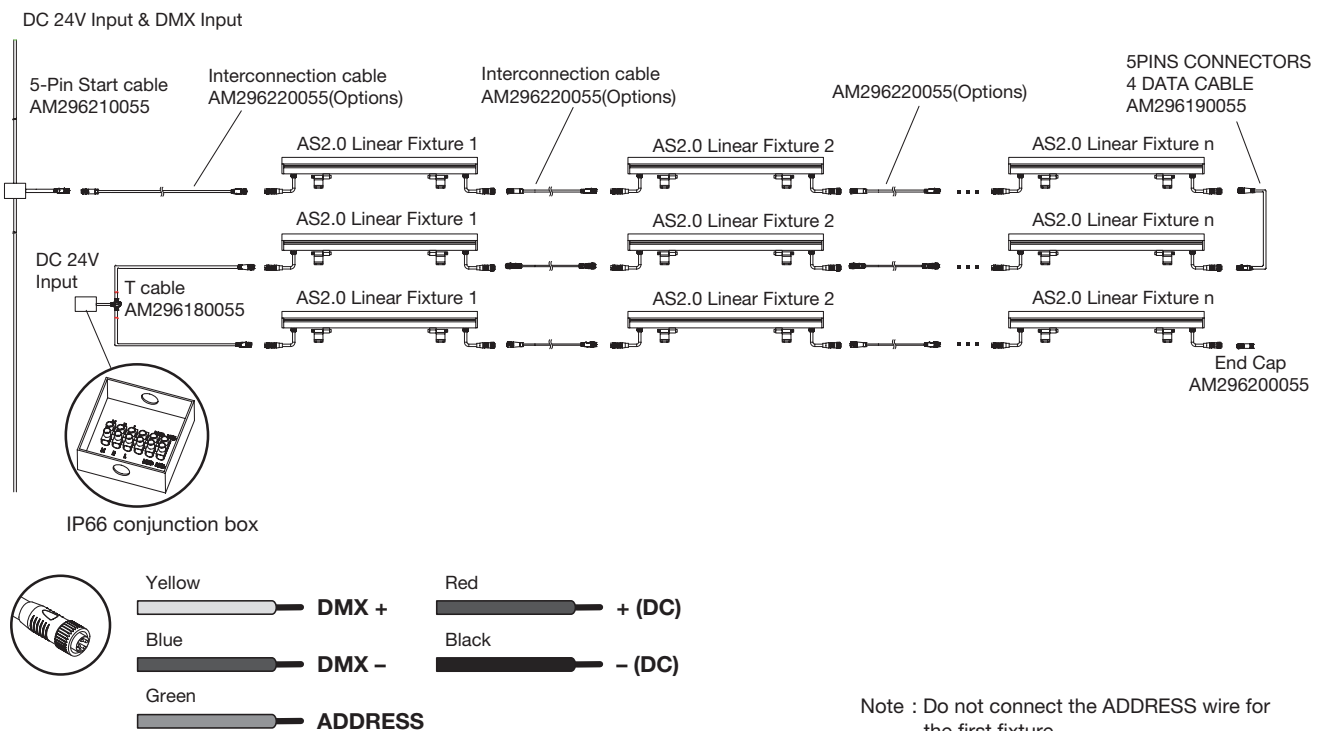
# ARCHISHAPE® 2.0 Linear MAXI

## System Diagram

### DC DMX version-Accessories



### DC DMX version-System Diagram



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# ARCHISHAPE® 2.0 Linear MAXI

## Ordering Codes

### Fixture

Short Text	Power	Length	CCT	Beam Angle	Material	EAN40
ASL MAXI DC 14W 830 36D 300 CE	14W	300mm	3000K	36°	AM248320055	4062172019453
ASL MAXI DC 14W 840 36D 300 CE	14W	300mm	4000K	36°	AM248330055	4062172019477
ASL MAXI DC 42W 830 36D 1000 CE	42W	1000mm	3000K	36°	AM248300055	4062172019415
ASL MAXI DC 42W 840 36D 1000 CE	42W	1000mm	4000K	36°	AM248310055	4062172019439
ASL MAXI DC 14W 830 15X30 300 CE	14W	300mm	3000K	15° × 30°	AM248360055	4062172019538
ASL MAXI DC 14W 840 15X30 300 CE	14W	300mm	4000K	15° × 30°	AM248370055	4062172019552
ASL MAXI DC 42W 830 15X30 1000 CE	42W	1000mm	3000K	15° × 30°	AM248340055	4062172019491
ASL MAXI DC 42W 840 15X30 1000 CE	42W	1000mm	4000K	15° × 30°	AM248350055	4062172019514

### Fixture (White DMX)

Short Text	Power	Length	CCT	Beam Angle	Material	EAN40
ASL MAXI DC 42W 830 36D 1000 DMX CE	42W	1000mm	3000K	36°	AM315840055	4062172073721
ASL MAXI DC 42W 840 36D 1000 DMX CE	42W	1000mm	4000K	36°	AM315860055	4062172073974
ASL MAXI DC 21W 830 36D 500 DMX CE	21W	500mm	3000K	36°	AM315900055	4062172073752
ASL MAXI DC 21W 840 36D 500 DMX CE	21W	500mm	4000K	36°	AM315910055	4062172073998
ASL MAXI DC 14W 830 36D 300 DMX CE	14W	300mm	3000K	36°	AM315930055	4062172073776
ASL MAXI DC 14W 840 36D 300 DMX CE	14W	300mm	4000K	36°	AM315940055	4062172074018
ASL MAXI DC 42W 830 15X30 1000 DMX CE	42W	1000mm	3000K	15° × 30°	AM315950055	4062172073790
ASL MAXI DC 42W 840 15X30 1000 DMX CE	42W	1000mm	4000K	15° × 30°	AM315960055	4062172074032
ASL MAXI DC 21W 830 15X30 500 DMX CE	21W	500mm	3000K	15° × 30°	AM315970055	4062172073813
ASL MAXI DC 21W 840 15X30 500 DMX CE	21W	500mm	4000K	15° × 30°	AM315990055	4062172074056
ASL MAXI DC 14W 830 15X30 300 DMX CE	14W	300mm	3000K	15° × 30°	AM316000055	4062172073837
ASL MAXI DC 14W 840 15X30 300 DMX CE	14W	300mm	4000K	15° × 30°	AM316010055	4062172074070

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### Ordering Codes

#### Fixture (RGB/RGBW DMX)

Short Text	Power	Length	CCT	Beam Angle	Material	EAN40
ASL MAXI DC 42W RGB 36D 1000 DMX CE	42W	1000mm	RGB	36°	AM316020055	4062172073721
ASL MAXI DC 42W RGBW40 36D 1000 DMX CE	42W	1000mm	RGBW40	36°	AM316030055	4062172074117
ASL MAXI DC 21W RGB 36D 500 DMX CE	21W	500mm	RGB	36°	AM316050055	4062172073752
ASL MAXI DC 21W RGBW40 36D 500 DMX CE	21W	500mm	RGBW40	36°	AM316060055	4062172074131
ASL MAXI DC 14W RGB 36D 300 DMX CE	14W	300mm	RGB	36°	AM316070055	4062172073776
ASL MAXI DC 14W RGBW40 36D 300 DMX CE	14W	300mm	RGBW40	36°	AM316080055	4062172074155
ASL MAXI DC 42W RGB 15X55 1000 DMX CE	42W	1000mm	RGB	15° × 55°	AM316090055	4062172073851
ASL MAXI DC 42W RGBW40 15X55 1000 DMX CE	42W	1000mm	RGBW40	15° × 55°	AM316100055	4062172074179
ASL MAXI DC 21W RGB 15X55 1000 DMX CE	21W	1000mm	RGB	15° × 55°	AM316110055	4062172073875
ASL MAXI DC 21W RGBW40 15X55 1000 DMX CE	21W	1000mm	RGBW40	15° × 55°	AM316120055	4062172074193
ASL MAXI DC 14W RGB 15X55 300 DMX CE	14W	300mm	RGB	15° × 55°	AM316130055	4062172073899
ASL MAXI DC 14W RGBW40 15X55 300 DMX CE	14W	300mm	RGBW40	15° × 55°	AM316140055	4062172074216

#### Accessories

Short Text	Material	EAN40
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.