

LONGREACH
IP66
LED LINEAR SYSTEM





LUMINAIRE:

- Anodized extruded aluminum body resistant to weathering
- Different standard lengths and customized lengths are available
- Different light color and power are available
- Optional ON/OFF, 0-10V, DALI, TRIAC, 0-10V, DMX512 Control support
- Shock resistant tempered glass cover for protection
- Electrically neutral thermal path to ensure performance
- Complies with standards EN60598 and pertinent regulations

OPTICAL SYSTEM:

- Polycarbonate UV-resistant lenses
- Symmetrical light distribution
- Ultra spot, spot, narrow, medium, flood, wide flood and elliptic optics
- Optional anti-glare accessories for improved visual comfort

LIGHT COLOR MANAGEMENT:

- High uniformity and consistency for facade lighting
- Single color, multi-color 4-in-1 and 7-in-1 LEDs available

INSTALLATION

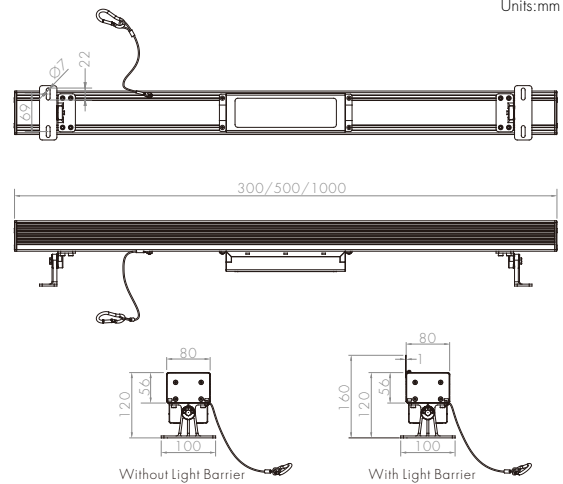
- For outdoor installation on floor with bracket
- Adjustability on horizontal axis



Model No.: 01ED | 200W (1000mm) | LED Linear Light



Units:mm



Technical Specifications

Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (lm)	IK Rate
01ED-112	500mm	ON/OFF, DALI, 0-10V, DMX512	Single (or RGBW)	12x10W CREE or OSRAM LED	2.5°, 8°, 12°, 20°, 30°, 60°, 5x20°, 10x70°	100-305VAC, 50/60Hz	100W	Cool white=9500 Warm white=8000	07
01ED-412	500mm	DMX512	RGBW 4-in-1 Full color	12x10W OSRAM RGBW 4-in-1 LED	9°, 15°, 20°, 30°, 15x60°	100-305VAC, 50/60Hz	100W	4500	07
01ED-124	1000mm	ON/OFF, TRIAC	Single	24x10W CREE or OSRAM LED	3.5°, 6°, 12°, 20°, 30°, 60°, 5x20°, 10x70°	100-305VAC, 50/60Hz	200W	Cool white=19000 Warm white=16000	07
01ED-424	1000mm	DMX512	RGBW 4-in-1 Full color	24x10W OSRAM RGBW 4-in-1 LED	15°, 20°, 30°, 10x30°, 10x50°	100-305VAC, 50/60Hz	200W	9000lm	07
01ED-724	1000mm	DMX512	RGBWCLA 7-in-1 Full color	24x10W OSRAM RGBWCLA 7-in-1 LED	15°, 20°, 30°, 15x60°	100-305VAC, 50/60Hz	200W	9000lm	07

Note: please inquire about the above linear light in 300mm length and with 6LEDs and 60W in single or RGBW color.

Material Specifications

Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	External Driver (mounted on back of linear system), 100-305VAC input available, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 3x0.75mm², L=0.5meter (Single color, 120/240VAC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling
Control Support:	ON/OFF, Optional DALI, 0-10V, DMX512

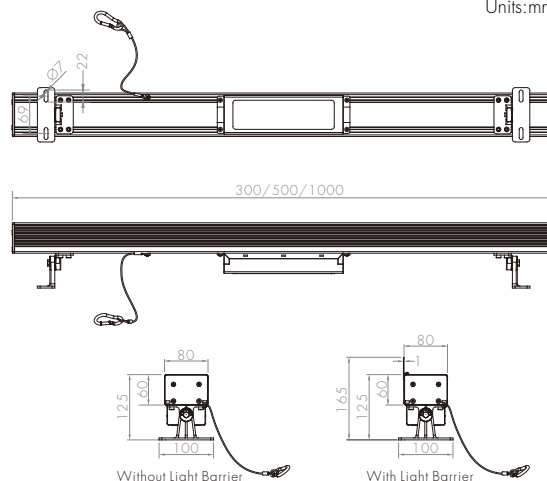
Optional Accessories

Honeycomb Louvre 01ED-A1 For models with optics>30°. Built-in anti-glare accessory for improved visual comfort	Light Barrier 01ED-A2 Aluminum light barrier	Steel cable 01ED-A3 steel safety cable for secondary suspension to prevent the luminaire from falling."
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Model No.: 02ED | 200W (1000mm) | LED Linear Light



Units:mm



Technical Specifications

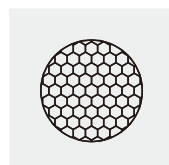
Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (lm)	IK Rate
02ED-112	500mm	ON/OFF, DALI, 0-10V, DMX512	Single (or RGBW)	12x10W CREE or OSRAM LED	2°, 2x40°	100-305VAC, 50/60Hz	100W	Cool white=9500 Warm white=8000	07
02ED-412	500mm	DMX512	RGBW 4-in-1 Full color	12x10W OSRAM RGBW 4-in-1 LED	6°, 6x40°	100-305VAC, 50/60Hz	100W	4500	07
02ED-124	1000mm	ON/OFF, TRIAC	Single	24x10W CREE or OSRAM LED	2°, 2x40°	100-305VAC, 50/60Hz	200W	Cool white=19000 Warm white=16000	07
02ED-424	1000mm	DMX512	RGBW 4-in-1 Full color	24x10W OSRAM RGBW 4-in-1 LED	6°, 6x40°	100-305VAC, 50/60Hz	200W	9000lm	07

Note: please inquire about the above linear light in 300mm length and with 6LEDs and 60W in single or RGBW color.

Material Specifications

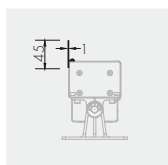
Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	External Driver (mounted on back of linear system), 100-305VAC input available, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 3x0.75mm², L=0.5meter (Single color, 120/240VAC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling
Control Support:	ON/OFF, Optional DALI, 0-10V, DMX512

Optional Accessories



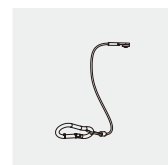
Honeycomb Louvre 02ED-A1

For models with optics>30°. Built-in anti-glare accessory for improved visual comfort



Light Barrier 02ED-A2

Aluminum light barrier improved visual comfort



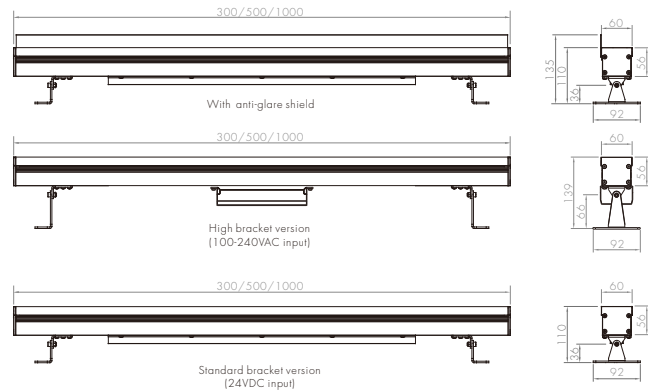
Steel cable 02ED-A3

steel safety cable for secondary suspension to prevent the luminaire from falling."

Model No.: 03ED | 95W / 100W (1000mm) | LED Linear Light



Units:mm



Technical Specifications

Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (lm)	IK Rate
03ED-110	500mm	ON/OFF, DALI, 0-10V, DMX512	Single (or RGBW)	10x5W CREE or OSRAM LED	2.5°, 8°, 12°, 20°, 30°, 60°, 5x20°, 10x70°	100-305VAC, 50/60Hz	48W	Cool white=4500 Warm white=3745	06
03ED-410	500mm	DMX512	RGBW 4-in-1 Full color	10x5W OSRAM RGBW 4-in-1 LED	9°, 15°, 20°, 30°, 15x60°	100-305VAC, 50/60Hz	48W	2250	06
03ED-120	1000mm	ON/OFF, DALI, 0-10V, DMX/RDM	Single (or RGBW)	20x5W CREE or OSRAM LED	2.5°, 6°, 12°, 20°, 30°, 60°, 5x20°, 10x70°	100-305VAC, 50/60Hz	95W	Cool white=9025 Warm white=7671	06
03ED-420	1000mm	DMX512	RGBW 4-in-1 Full color	20x5W OSRAM RGBW 4-in-1 LED	9°, 15°, 20°, 30°, 45°, 15x60°	24VDC, 100-305VAC, 50/60Hz	100W	4300lm	06
03ED-720	1000mm	DMX512	RGBWCLA 7-in-1 Full color	20x5W OSRAM RGBWCLA 7-in-1 LED	15°, 20°, 30°, 45°, 15x60°	24VDC	100W	4500lm	06

Material Specifications

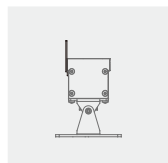
Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	External Driver (mounted on the back of linear system), 24VDC input or 100-305VAC input available, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 3x0.75mm², L=0.5meter (Single color, 120/240VAC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling
Control Support:	ON/OFF, Optional DALI, 0-10V, DMX512

Optional Accessories



Honeycomb Louvre 03ED-A1

For models with optics>30°. Built-in anti-glare accessory for improved visual comfort

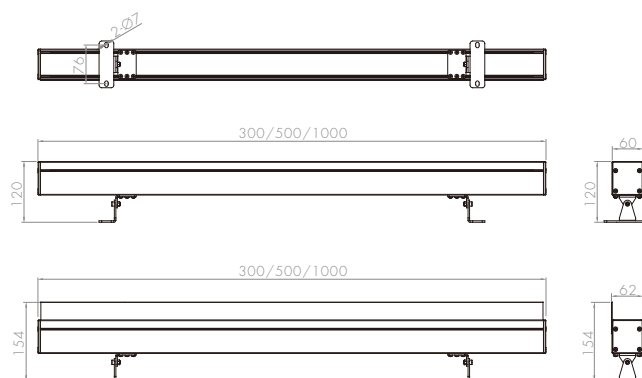
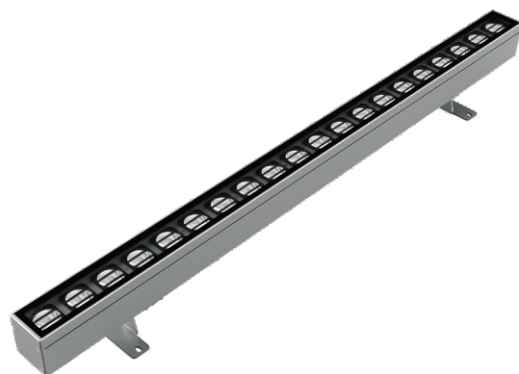


Light Barrier 03ED-A2

Aluminum light barrier for anti-glare shield

Model No.: 04ED | 200W (1000mm) | LED Linear Light

Units:mm



Technical Specifications

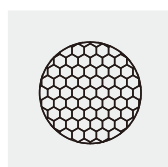
Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (LM)	IK Rate
04ED-110	500mm	ON/OFF, DALI, 0-10V, DMX512	Single (or RGBW)	10x5W CREE or OSRAM LED	2.5°, 6°, 12°, 20°, 30°, 60°, 5x20°, 10x70°	100-305VAC, 50/60Hz	50W	Cool white=4500 Warm white=3745	06
04ED-410	500mm	DMX512	RGBW 4-in-1 Full color	10x5W OSRAM RGBW 4-in-1 LED	9°, 15°, 20°, 30°, 15x60°	100-305VAC, 50/60Hz	50W	2250	06
04ED-120	1000mm	ON/OFF, DALI, 0-10V, DMX/RDM	Single (or RGBW)	20x5W CREE or OSRAM LED	2.5°, 6°, 12°, 20°, 30°, 60°, 5x20°, 10x70°	100-305VAC, 50/60Hz	100W	Cool white=9025 Warm white=7671	06
04ED-420	1000mm	DMX512	RGBW 4-in-1 Full color	20x5W OSRAM RGBW 4-in-1 LED	9°, 15°, 20°, 30°, 45°, 15x60°	24VDC, 100-305VAC, 50/60Hz	100W	4300LM	06
04ED-720	1000mm	DMX512	RGBWCLA 7-in-1 Full color	20x5W OSRAM RGBWCLA 7-in-1 LED	15°, 20°, 30°, 10x60°	24VDC	100W	4500LM	06

Note: please inquire about the above linear light in 300mm length and with 6LEDs and 30W in single or RGBW color.

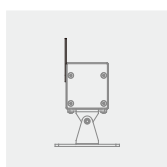
Material Specifications

Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	Integral or External Driver (mounted on the back of linear system), 24VDC input or 100-305VAC input available, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 3x0.75mm², L=0.5meter (Single color, 120/240VAC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling
Control Support:	ON/OFF, Optional DALI, 0-10V, DMX512

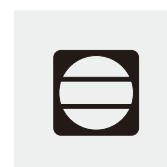
Optional Accessories



Honeycomb Louvre 04ED-A1
For models with optics>30°. Built-in anti-glare accessory for improved visual comfort



Light Barrier 04ED-A2
Aluminum light barrier for anti-glare shield and improved visual comfort

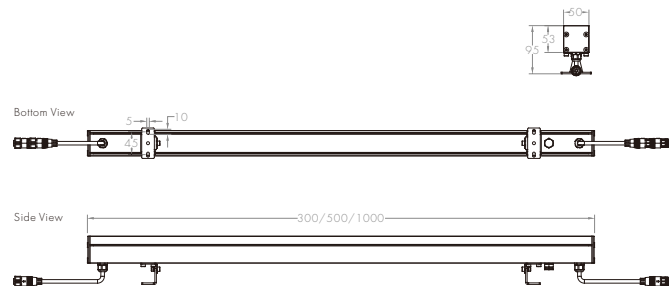


Single Lens Grille 04ED-A3
Single lens grille for anti-glare and improved visual comfort

Model No.: 05IG | 36W/48W | LED Linear Light



Units:mm



Technical Specifications

Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (lm)	IK Rate
05IG-118 CL-05IG-318	500mm	ON/OFF, DALI, 0-10V, DMX512	Single (or RGBW)	18x1W CREE or OSRAM LED	15°, 20°, 45°, 60°, 15x25°, 15x60°	110-305VAC, 50/60Hz	18W	Cool white=1805 Warm white=1508	05
05IG-409	500mm	DMX512	RGBW 4-in-1 Full color	9x2W OSRAM RGBW 4-in-1 LED	15°, 20°, 45°, 60°, 15x25°, 15x60°	110-305VAC, 50/60Hz	18W	756	05
05IG-136	1000mm	ON/OFF, DALI 0-10V, DMX/RDM	Single (or RGB)	36x1W CREE or OSRAM LED	8°, 15°, 20°, 30°, 60°, 15x30°, 15x60°	110-305VAC, 50/60Hz	36W	Cool white=3635 Warm white=2983	05
05IG-124	1000mm	ON/OFF, DALI 0-10V, DMX/RDM	Single (or RGB)	36x1W CREE or OSRAM LED	8°, 15°, 20°, 30°, 60°, 15x30°, 15x60°	110-305VAC, 50/60Hz	24W	Cool white=2448 Warm white=2031	05
05IG-424	1000mm	DMX512	RGBW 4-in-1 Full color	24x2W OSRAM RGBW 4-in-1 LED	15°, 20°, 45°, 60°, 15x25°, 15x60°	110-305VAC, 50/60Hz	48W	2000lm	05
05IG-624	1000mm	DMX512	RGBWCL 6-in-1 Full color	24x2W OSRAM RGBWCL 6-in-1 LED	30°, 45°, 60°, 15x60°	110-305VAC, 50/60Hz	48W	2000lm	05

Note: Single or RGB colour in 1000mm is also available with 24LEDs or 18LEDs, or 500mm available with 12LEDs or 9LEDs. Meanwhile, 300mm version is available.

Material Specifications

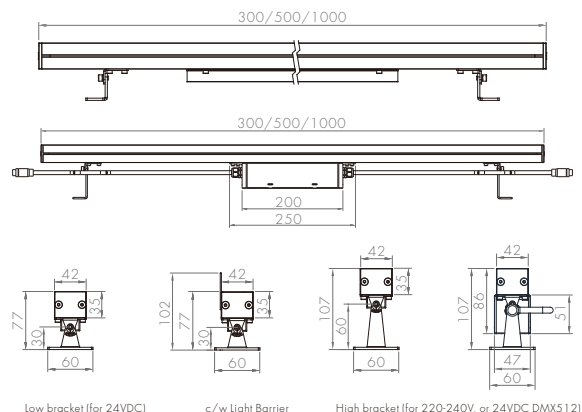
Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	Integrated Driver, 24VDC input or 110-305VAC input available, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 3x0.75mm², L=0.5meter (Single color, 120/240VAC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling
Control Support:	ON/OFF, Optional DALI, 0-10V, DMX512

Optional Accessories

	Honeycomb Louvre 05IG-A1 For models with optics>30°. Built-in anti-glare accessory for improved visual comfort		Light Barrier 05IG-A2 Aluminum light barrier for anti-glare shield		Linear Grille 05IG-A3 Linear grille for anti-glare and improved visual comfort
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Model No.: 06RG | 18W/ 24W/ 36W/ 48W | LED Linear Light

Units:mm



Low bracket (for 24VDC)

c/w Light Barrier

High bracket (for 220-240V, or 24VDC DMX512)

Technical Specifications

Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle (°)	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (lm)	IK Rate
06RG-118 (06RG-318)	1000mm	ON/OFF, DMX512	Single (or RGB)	18x1W Lumileds LED	8°, 15°, 20°, 30°, 60°, 15x30°, 15x60°	24VDC	18W	Cool white=1800 Warm white=1502	05
06RG-124 (06RG-324)	1000mm	ON/OFF, DMX512	Single (or RGB)	24x1W Lumileds LED	8°, 15°, 20°, 30°, 60°, 15x30°, 15x60°	24VDC	24W	Cool white=2410 Warm white=1992	05
06RG-136 (06RG-336)	1000mm	ON/OFF, DMX512	Single (or RGB)	36x1W Lumileds LED	8°, 15°, 20°, 30°, 60°, 15x30°, 15x60°	24VDC	36W	Cool white=3630 Warm white=3015	05
06RG-424	1000mm	DMX512	RGBW 4-in-1 Full color	24x2W Osram RGBW 4-in-1 LED	20°, 45°, 60°, 15x25°, 15x60°	24VDC	48W	1900lm	05
06RG-624	1000mm	DMX512	RGBWCL 6-in-1 Full color	24x2W OSRAM RGBWC 6-in-1 LED	30°, 45°, 60°, 130x60°	24VDC	48W	1900lm	05

Note: please inquire about the above linear light in 300mm and 500mm

Material Specifications

Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	External Driver (mounted on the back of linear system), 24VDC input or 100-305VAC input available, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 2x1.0mm², L=0.5meter (Single color, 24VDC) H05RN-F 3x0.75mm², L=0.5meter (Single color, 110-240VAC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling by bracket
Control Support:	ON/OFF, Optional DALI, 0-10V, DMX512



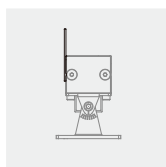
Seamless Connection for dot free linear lighting

Optional Accessories



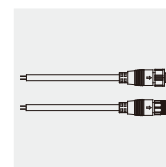
Honeycomb Louve 06RG-A1

For models with optics>30°. Built-in anti-glare accessory for improved visual comfort



Light Barrier 06RG-A2

Aluminum light barrier for anti-glare shield and improved visual comfort



Easy Connector 06RG-A3

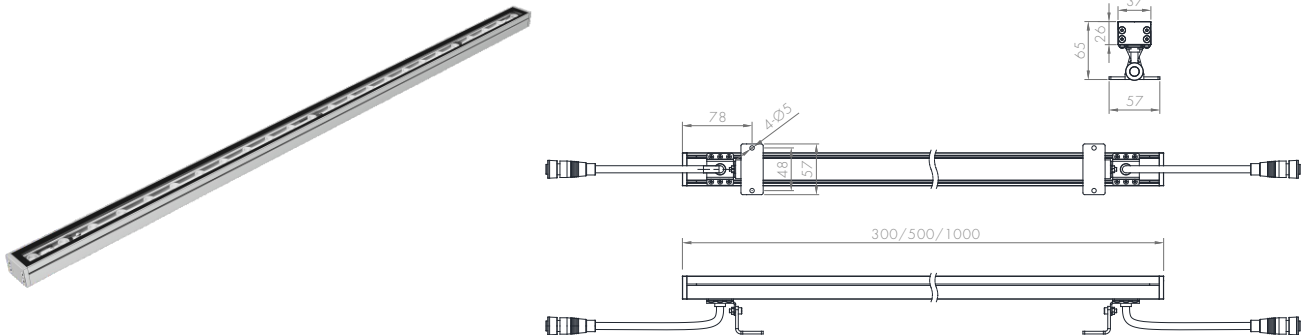
Male Connector & female connector for easy connection for linear light.

Bottom entry cable connectors

Model No.: 07IG | 36W/48W | LED Linear Light



Units:mm



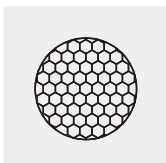
Technical Specifications

Item Number	Length	Optional Control Mode	Light Color or CCT (K)	Light Source	Beam Angle	Input Voltage (V)	Typical Power (W)±3%	Typical Luminance (lm)	IK Rate
07IG-106 07IG-406	300mm	ON/OFF, DMX512	Single, or RGBVV 4-in-1 full color	6×1W LUMILEDS/OSRAM LED	20°, 30°, 45°, 60°, 25×45°	24VDC	6W	Cool white=610 Warm white=508	05
07IG-109 07IG-409	500mm	ON/OFF, DMX512	Single, or RGBVV 4-in-1 full color	9×1W LUMILEDS/OSRAM LED	20°, 30°, 45°, 60°, 25×45°	24VDC	9W	Cool white=922 Warm white=766	05
07IG-112 07IG-412	500mm	ON/OFF, DMX512	Single, or RGBVV 4-in-1 full color	12×1W LUMILEDS/OSRAM LED	20°, 30°, 45°, 60°, 25×45°	24VDC	12W	Cool white=1230 Warm white=1044	05
07IG-118 06RA-418	1000mm	ON/OFF, DMX512	Single, or RGBVV 4-in-1 full color	18×1W LUMILEDS/OSRAM LED	20°, 30°, 45°, 60°, 25×45°	24VDC	18W	Cool white=1831 Warm white=1523	05
07IG-124 07IG-424	1000mm	ON/OFF, DMX512	Single, or RGBVV 4-in-1 full color	24×1W LUMILEDS/OSRAM LED	20°, 30°, 45°, 60°, 25×45°	24VDC	24W	Cool white=2445 Warm white=2031	05

Material Specifications

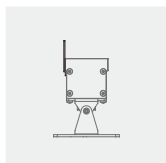
Housing:	Anodized Silver (or powder coated) extruded aluminum.
Light Window:	Tempered glass
Lens:	Optical lens, Efficiency≥85%
LED:	High Power LED, Brands: Cree, Osram, Lumileds and etc.
Driver:	Integrated Driver, 24VDC input, Constant current output
Operating Temperature:	-20°C~+50°C
Power Cable:	H05RN-F 2×1.0mm², L=0.5meter (Single color, 24VDC)
Mounting Part (Included):	Angle adjustable aluminum bracket
Mounting Way:	Surface mounted on ground/wall/ceiling by bracket
Control Support:	ON/OFF, Optional DMX512

Optional Accessories



Honeycomb Louvre 07IG-A1

For models with optics>30°. Built-in anti-glare accessory for improved visual comfort



Light Barrier 07IG-A2

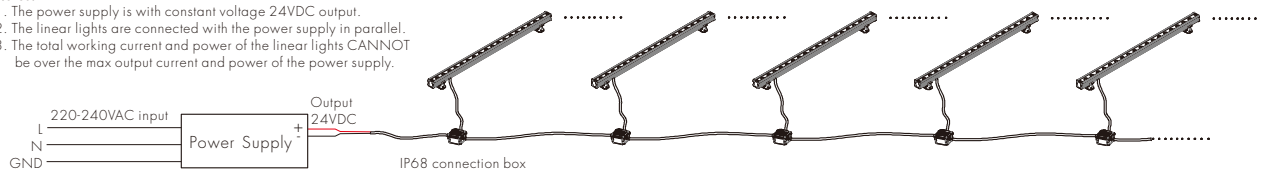
Aluminum light barrier for anti-glare shield

Typical Wiring Diagram for LED Linear Light

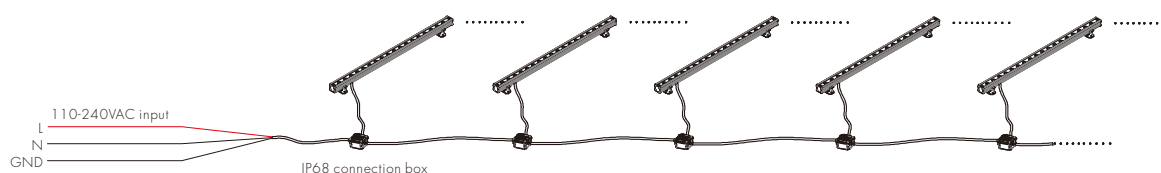
24VDC input version Single Color Linear Lights

Notes:

1. The power supply is with constant voltage 24VDC output.
2. The linear lights are connected with the power supply in parallel.
3. The total working current and power of the linear lights CANNOT be over the max output current and power of the power supply.

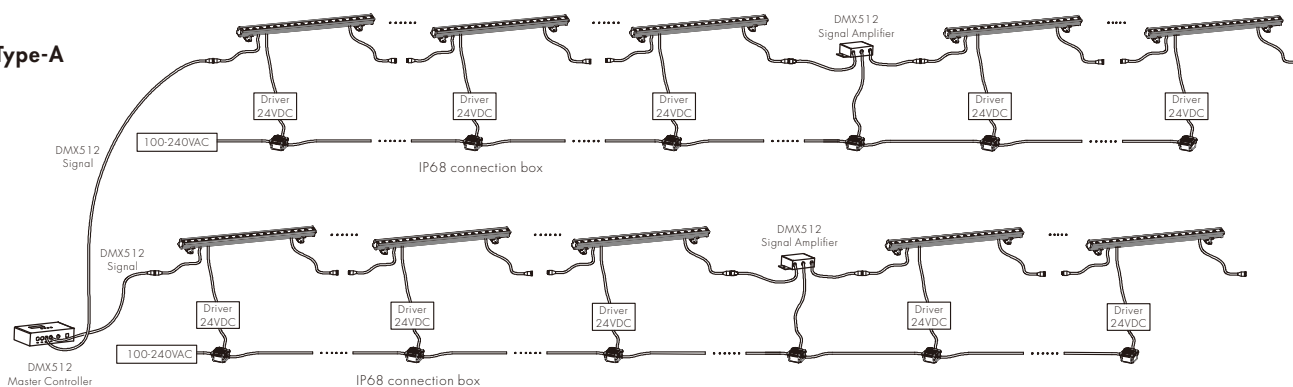


110-240VAC input version single color linear lights

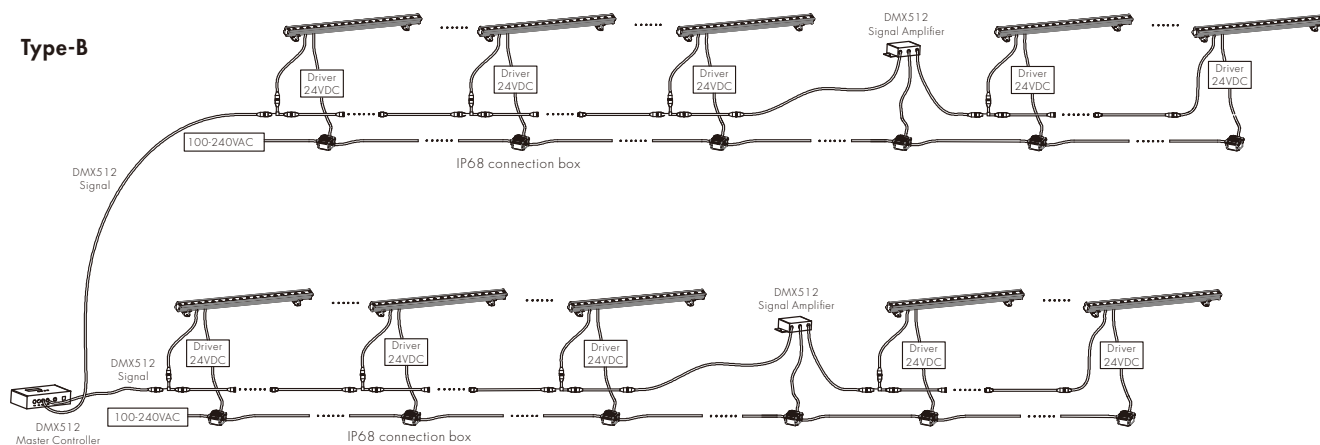


24VDC input Single/RGB/RGBW DMX512 LED linear lights

Type-A



Type-B





Lighting Technology & Control Pty Ltd
ABN. 36 607 221 223
Office: 1300 832 372
Email: sales@lighttc.com.au
Address: Unit 34/50-62 Cosgrove Road,
South Strathfield.NSW. 2136 Australia