

Accent Lighting for
 Coves, Wall Washing, Wall Grazing, and
 In-Ground (with IK10 channel)
 applications

IG5170, IG8170 LED Linear Light

Features

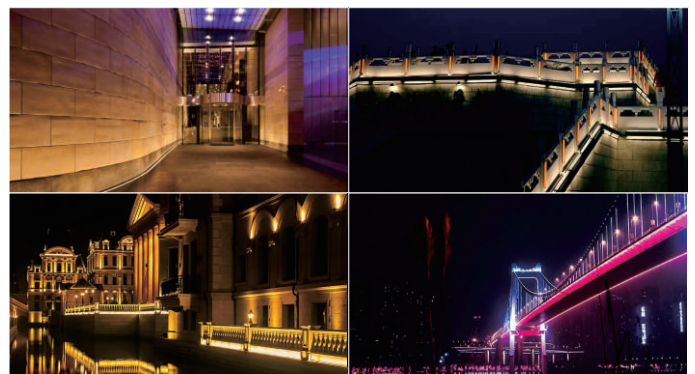


The IG5170 & IG8170 are versatile, linkable 24v linear accent lights with a small footprint of only 1.06" x 0.7". They are commonly used for contour lighting, wall washing, wall grazing, and highlighting architectural and landscape features.

The IG Series of fixtures are available in static white, RGBW, and DMX RGBW. Multiple washing and grazing beam angles (15°, 30°, 45°, 60° and 120°) are available. Field splicing up to 32.8'[10M] run length with seamless light performance.

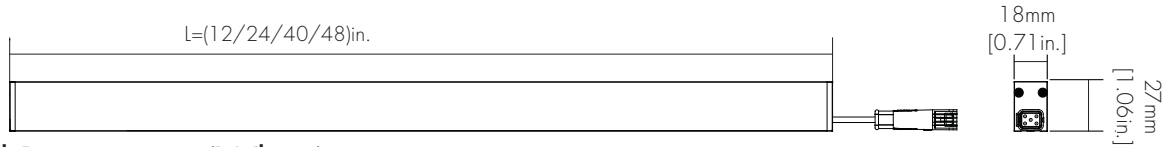
Support pixel control by DMX signal. DMX IC model is UCS512H with grey scale in 65536 for colorful applications in architecture and landscape. High-quality weather resistant PU material, optical grade high transmittance PMMA lens, and complete installation accessories ensure a seamless installation and long fixture life.

The IG5170 & IG8170 have a tough structure design with IK10 impact protection, coupled with IP67 protection against dust and water for indoor and outdoor usage. This fixture boasts a 50,000h LED lifespan and has a 3 year warranty, CE/UL/RoHS certified.



IG5170, IG8170 LED Linear Light

Diagram & Dimension (White)



General Parameters (White)

Part No.	Beam Angle	Dimension	Max. Splicing Length	LED Type	LED QTY	Material	Installation Method	IP&IK Rating	Operating Ambient	Lifespan	Warranty
IG8170-12-xxK-120-24V	120°	L12*W0.7*H1.06in.	32.8ft.	SMD2835	42pcs	Silver aluminum profile+ PU milky / transparent glue	Bracket / 90° Rotatable Bracket	IP67 (Wet) & IK10	Ta: -4~113°F	50,000h (L70@ Tc≤65°C [149°F], Tc is the temp. of LED pin)	3 years
IG8170-12-xxK-15-24V	15°			SMD2216	77pcs						
IG8170-12-xxK-30-24V	30°			SMD 2835	42pcs						
IG8170-12-xxK-45-24V	45°										
IG8170-12-xxK-60-24V	60°										
IG8170-24-xxK-120-24V	120°	L24*W0.7*H1.06in.	SMD2835	84pcs	180° Rotatable Bracket						
IG8170-24-xxK-15-24V	15°		SMD2216	154pcs							
IG8170-24-xxK-30-24V	30°		SMD 2835	84pcs							
IG8170-24-xxK-45-24V	45°										
IG8170-24-xxK-60-24V	60°										
IG8170-40-xxK-120-24V	120°	L40*W0.7*H1.06in.	SMD2835	140pcs	60° Rotatable Bracket / Aluminum Channel						
IG8170-40-xxK-15-24V	15°		SMD2216	252pcs							
IG8170-40-xxK-30-24V	30°		SMD 2835	140pcs							
IG8170-40-xxK-45-24V	45°										
IG8170-40-xxK-60-24V	60°										
IG8170-48-xxK-120-24V	120°	L48*W0.7*H1.06in.	SMD2835	168pcs	Non Rotatable Anti-glare Shield / 120° Rotatable Anti-glare Shield						
IG8170-48-xxK-15-24V	15°		SMD2216	308pcs							
IG8170-48-xxK-30-24V	30°		SMD 2835	168pcs							
IG8170-48-xxK-45-24V	45°										
IG8170-48-xxK-60-24V	60°										

Photoelectric Parameters (White)

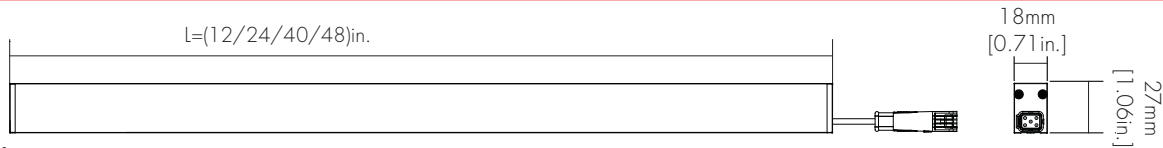
Part No.	Beam Angle	Dimension	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	Luminous Flux±10% @4000K&CRI80	Light Eff. @4000K&CRI80	Luminous Flux±10% @4000K&CRI90	Light Eff. @4000K&CRI90
IG8170-12-xxK-120-24V	120°	L12*W0.7*H1.06in.	8W	DC24V	2400K 2700K 3000K 4000K 5000K 6500K (3-step SDCM in one bin)	500lm	63lm/W	430lm	54lm/W
IG8170-12-xxK-15-24V	15°					800lm	100lm/W	680lm	85lm/W
IG8170-12-xxK-30-24V	30°					900lm	113lm/W	770lm	96lm/W
IG8170-12-xxK-45-24V	45°					980lm	123lm/W	840lm	105lm/W
IG8170-12-xxK-60-24V	60°					900lm	113lm/W	770lm	96lm/W
IG8170-24-xxK-120-24V	120°	L24*W0.7*H1.06in.	15W			940lm	63lm/W	800lm	54lm/W
IG8170-24-xxK-15-24V	15°					1500lm	100lm/W	1275lm	85lm/W
IG8170-24-xxK-30-24V	30°					1690lm	113lm/W	1440lm	96lm/W
IG8170-24-xxK-45-24V	45°					1840lm	123lm/W	1570lm	105lm/W
IG8170-24-xxK-60-24V	60°					1690lm	113lm/W	1440lm	96lm/W
IG8170-40-xxK-120-24V	120°	L40*W0.7*H1.06in.	26W			1690lm	65lm/W	1440lm	55lm/W
IG8170-40-xxK-15-24V	15°					2600lm	100lm/W	2210lm	85lm/W
IG8170-40-xxK-30-24V	30°					2750lm	106lm/W	2340lm	90lm/W
IG8170-40-xxK-45-24V	45°					3170lm	122lm/W	2700lm	104lm/W
IG8170-40-xxK-60-24V	60°					2750lm	106lm/W	2340lm	90lm/W
IG8170-48-xxK-120-24V	120°	L48*W0.7*H1.06in.	30W	1960lm	65lm/W	1670lm	56lm/W		
IG8170-48-xxK-15-24V	15°			3000lm	100lm/W	2550lm	85lm/W		
IG8170-48-xxK-30-24V	30°			3170lm	106lm/W	2700lm	90lm/W		
IG8170-48-xxK-45-24V	45°			3670lm	123lm/W	3120lm	104lm/W		
IG8170-48-xxK-60-24V	60°			3170lm	106lm/W	2700lm	90lm/W		

Note:

- Luminous flux for CCT 2700K is 10% lower, for CCT 3000/3500K is 5% lower, for CCT 5000K/6500K is the same, compared with 4000K.
- The energy efficiency class of regulation (EU)2019/2020 are F(CRI80) for 15°, E(CRI80) for 30°/45°/60°, F(CRI90) for 15°/30°/60° and E(CRI90) for 45°, it varies depending on CRI and CCT.
- Installation accessories pack should be ordered separately according to specific case.

IG5170, IG8170 LED Linear Light

Diagram & Dimension (RGBW)



General Parameters (RGBW)

Part No.	Beam Angle	Dimension	Max. Splicing Length	LED Type	LED QTY	Material	Installation Method	IP&IK Rating	Operating Ambient	Lifespan	Warranty
IG5170-12-RGBW-120-24V	120°	L12*W0.7*H1.06in.	32.8ft.	SMD 5050	24pcs	Silver aluminum profile+ PU milky / transparent glue	Bracket / 90° Rotatable Bracket / 180° Rotatable Bracket / 60° Rotatable Bracket / Aluminum Channe / Non Rotatable Antiglare Shield / 120° Rotatable Antiglare Shield	IP67 (Wet) & IK10	Ta: -4~113°F	50,000h (L70@ Tc≤65°C [149°F], Tc is the temp. of LED pin)	3 years
IG5170-12-RGBW-30-24V	30°										
IG5170-12-RGBW-45-24V	45°										
IG5170-12-RGBW-60-24V	60°	L24*W0.7*H1.06in.			48pcs						
IG5170-24-RGBW-120-24V	120°										
IG5170-24-RGBW-30-24V	30°										
IG5170-24-RGBW-45-24V	45°	L40*W0.7*H1.06in.			84pcs						
IG5170-24-RGBW-60-24V	60°										
IG5170-40-RGBW-120-24V	120°										
IG5170-40-RGBW-30-24V	30°	L40*W0.7*H1.06in.			84pcs						
IG5170-40-RGBW-45-24V	45°										
IG5170-40-RGBW-60-24V	60°										
IG5170-48-RGBW-120-24V	120°	L48*W0.7*H1.06in.	96pcs								
IG5170-48-RGBW-30-24V	30°										
IG5170-48-RGBW-45-24V	45°										
IG5170-48-RGBW-60-24V	60°										

Photoelectric Parameters (RGBW)

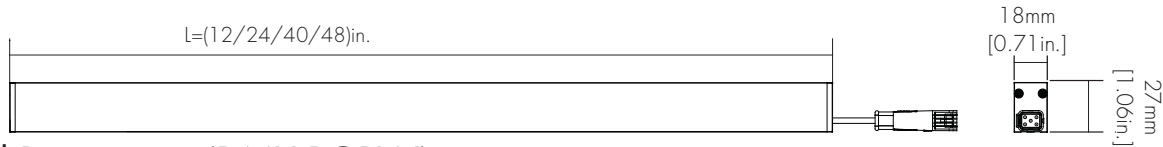
Part No.	Beam Angle	Dimension	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	Luminous Flux±10% @4000K&CRI80	Luminous Flux±10% @4000K&CRI90
IG5170-12-RGBW-120-24V	120°	L12*W0.7*H1.06in	5W	DC24V	R: 610-630nm G: 520-540nm B: 460-480nm W: 2700-6500K (5 step SDCM in one bin)	130lm	120lm
IG5170-12-RGBW-30-24V	30°					270lm	250lm
IG5170-12-RGBW-45-24V	45°					260lm	240lm
IG5170-12-RGBW-60-24V	60°					260lm	240lm
IG5170-24-RGBW-120-24V	120°	L24*W0.7*H1.06in	10W			270lm	250lm
IG5170-24-RGBW-30-24V	30°					540lm	500lm
IG5170-24-RGBW-45-24V	45°					510lm	480lm
IG5170-24-RGBW-60-24V	60°					510lm	480lm
IG5170-40-RGBW-120-24V	120°	L40*W0.7*H1.06in	18W			500lm	470lm
IG5170-40-RGBW-30-24V	30°					910lm	850lm
IG5170-40-RGBW-45-24V	45°					830lm	780lm
IG5170-40-RGBW-60-24V	60°					830lm	780lm
IG5170-48-RGBW-120-24V	120°	L48*W0.7*H1.06in	20W			570lm	530lm
IG5170-48-RGBW-30-24V	30°					1020lm	950lm
IG5170-48-RGBW-45-24V	45°					930lm	870lm
IG5170-48-RGBW-60-24V	60°					930lm	870lm

Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000/3500K is 5% lower, for CCT 5000K/6500K is the same, compared with 4000K.
- (2) Installation accessories pack should be ordered separately according to specific case.

IG5170, IG8170 LED Linear Light

Diagram & Dimension (DMX RGBW)



General Parameters (DMX RGBW)

Part No.	Beam Angle	Dimension	Max. Splicing Length	LED Type	LED QTY	Material	Installation Method	IP&IK Rating	Operating Ambient	Lifespan	Warranty
IG5170-12-DRGBW-120-24V	120°	L12*W0.7*H1.06in.	32.8ft.	SMD 5050	24pcs	Silver aluminum profile+ PU milky / transparent glue	Bracket / 90° Rotatable Bracket / 180° Rotatable Bracket / 60° Rotatable Bracket / Aluminum Channel / Non Rotatable Anti-glare Shield / 120° Rotatable Anti-glare Shield	IP67 (Wet) & IK10	Ta: -4~113°F	50,000h (L70@ Tc≤65°C [149°F], Tc is the temp. of LED pin)	3 years
IG5170-12-DRGBW-30-24V	30°										
IG5170-12-DRGBW-45-24V	45°										
IG5170-12-DRGBW-60-24V	60°	L24*W0.7*H1.06in.			48pcs						
IG5170-24-DRGBW-120-24V	120°										
IG5170-24-DRGBW-30-24V	30°										
IG5170-24-DRGBW-45-24V	45°	L40*W0.7*H1.06in.			84pcs						
IG5170-24-DRGBW-60-24V	60°										
IG5170-40-DRGBW-120-24V	120°										
IG5170-40-DRGBW-30-24V	30°	L48*W0.7*H1.06in.			96pcs						
IG5170-40-DRGBW-45-24V	45°										
IG5170-40-DRGBW-60-24V	60°										
IG5170-48-DRGBW-120-24V	120°	L48*W0.7*H1.06in.	96pcs								
IG5170-48-DRGBW-30-24V	30°										
IG5170-48-DRGBW-45-24V	45°										
IG5170-48-DRGBW-60-24V	60°										

Photoelectric Parameters (DMX RGBW)

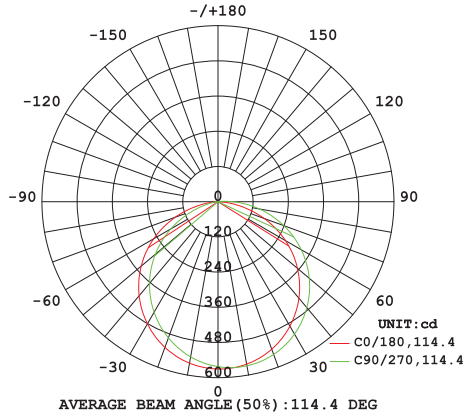
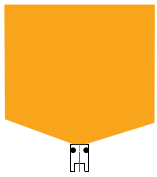
Part No.	Beam Angle	Dimension	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	Luminous Flux± 10% @4000K&CRI80	Luminous Flux± 10% @4000K&CRI90	Pixel Segment & Address QTY
IG5170-12-DRGBW-120-24V	120°	*L12in. *W0.7in. *H1.06in.	5W	DC24V	R: 610-630nm G: 520-540nm B: 460-480nm W: 2700-6500K (5 step SDCM in one bin)	130lm	120lm	2 pixels (150mm[6in.]/pixel) & [4 address/pixel]
IG5170-12-DRGBW-30-24V	30°					270lm	250lm	
IG5170-12-DRGBW-45-24V	45°					260lm	240lm	
IG5170-12-DRGBW-60-24V	60°					260lm	240lm	
IG5170-24-DRGBW-120-24V	120°	*L12in. *W0.7in. *H1.06in.	10W			270lm	250lm	4 pixels (150mm[6in.]/pixel) & [4 address/pixel]
IG5170-24-DRGBW-30-24V	30°					540lm	500lm	
IG5170-24-DRGBW-45-24V	45°					510lm	480lm	
IG5170-24-DRGBW-60-24V	60°					510lm	480lm	
IG5170-40-DRGBW-120-24V	120°	*L12in. *W0.7in. *H1.06in.	18W			500lm	470lm	7 pixels (140mm[5.5in.]/pixel) & [4 address/pixel]
IG5170-40-DRGBW-30-24V	30°					910lm	850lm	
IG5170-40-DRGBW-45-24V	45°					830lm	780lm	
IG5170-40-DRGBW-60-24V	60°					830lm	780lm	
IG5170-48-DRGBW-120-24V	120°	*L12in. *W0.7in. *H1.06in.	20W	570lm	530lm	8 pixels (150mm[6in.]/pixel) & [4 address/pixel]		
IG5170-48-DRGBW-30-24V	30°			1020lm	950lm			
IG5170-48-DRGBW-45-24V	45°			930lm	870lm			
IG5170-48-DRGBW-60-24V	60°			930lm	870lm			

Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000/3500K is 5% lower, for CCT 5000K/6500K is the same, compared with 4000K.
- (2) Installation accessories pack should be ordered separately according to specific case.

IG5170, IG8170 LED Linear Light

Light Distribution Diagram



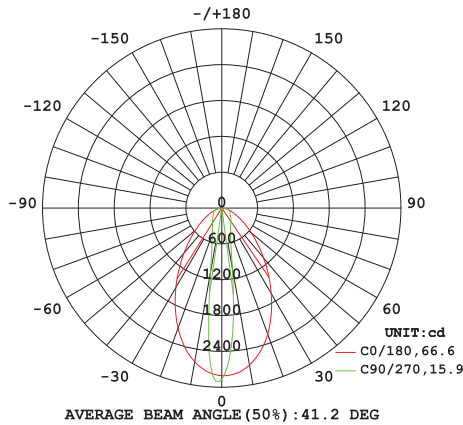
Flux out: 1241 lm

Height	Beam Diameter	Avg Illuminance (lx)	Max Illuminance (lx)
1m	309.37cm	154.3, 570.21lx	309.37cm
2m	618.74cm	38.57, 142.51lx	618.74cm
3m	928.10cm	17.14, 63.35lx	928.10cm
4m	1237.47cm	9.643, 35.64lx	1237.47cm
5m	1546.84cm	6.172, 22.81lx	1546.84cm
6m	1856.21cm	4.286, 15.84lx	1856.21cm
7m	2165.58cm	3.149, 11.64lx	2165.58cm
8m	2474.95cm	2.411, 8.909lx	2474.95cm
9m	2784.31cm	1.905, 7.039lx	2784.31cm
10m	3093.68cm	1.543, 5.702lx	3093.68cm

Height: Avg, Bmax Angle: 114.24deg Diameter:

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

120°, 48in., 30W, 4000K, CRI90



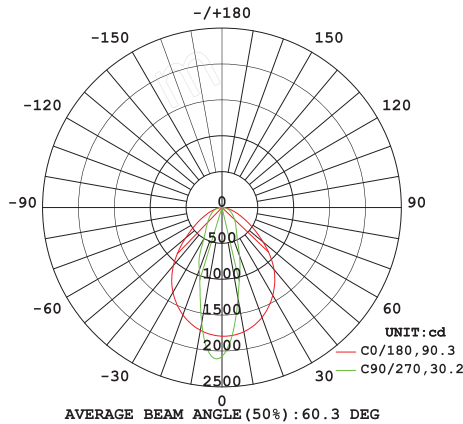
Flux out: 148.9 lm

Height	Beam Diameter	Avg Illuminance (lx)	Max Illuminance (lx)
1m	27.90cm	2400, 2908lx	27.90cm
2m	55.79cm	599.9, 727.1lx	55.79cm
3m	83.69cm	266.6, 323.1lx	83.69cm
4m	111.58cm	150.0, 181.8lx	111.58cm
5m	139.48cm	95.99, 116.3lx	139.48cm
6m	167.37cm	66.66, 80.79lx	167.37cm
7m	195.27cm	48.97, 59.35lx	195.27cm
8m	223.17cm	37.50, 45.44lx	223.17cm
9m	251.06cm	29.63, 35.91lx	251.06cm
10m	278.96cm	24.00, 29.08lx	278.96cm

Height: Avg, Bmax Angle: 15.88deg Diameter:

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

15°, 48in., 30W, 4000K, CRI90



Flux out: 383.2 lm

Height	Beam Diameter	Avg Illuminance (lx)	Max Illuminance (lx)
1m	54.06cm	1483, 2106lx	54.06cm
2m	108.13cm	370.9, 526.6lx	108.13cm
3m	162.19cm	164.8, 234.0lx	162.19cm
4m	216.25cm	92.71, 131.6lx	216.25cm
5m	270.31cm	59.34, 84.25lx	270.31cm
6m	324.38cm	41.21, 58.51lx	324.38cm
7m	378.44cm	30.27, 42.99lx	378.44cm
8m	432.50cm	23.18, 32.91lx	432.50cm
9m	486.56cm	18.31, 26.00lx	486.56cm
10m	540.63cm	14.83, 21.06lx	540.63cm

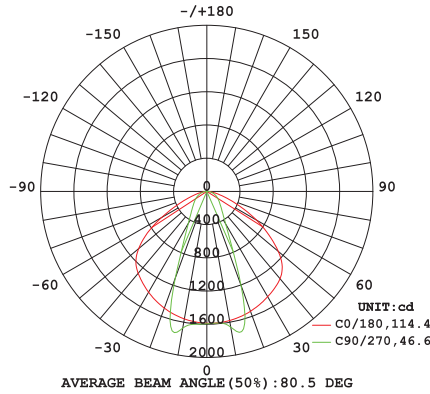
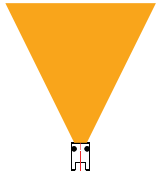
Height: Avg, Bmax Angle: 30.25deg Diameter:

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

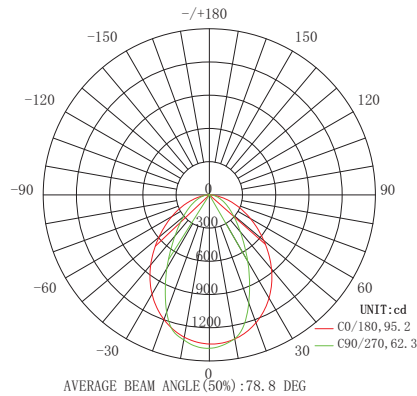
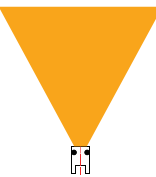
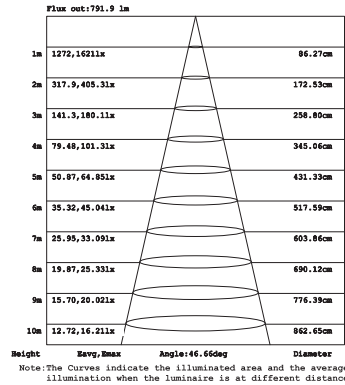
30°, 48in., 30W, 4000K, CRI90

IG5170, IG8170 LED Linear Light

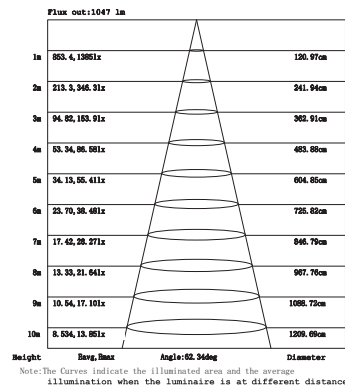
Light Distribution Diagram



45°, 48in., 30W, 4000K, CRI90



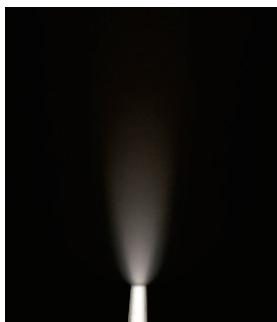
60°, 48in., 30W, 4000K, CRI90



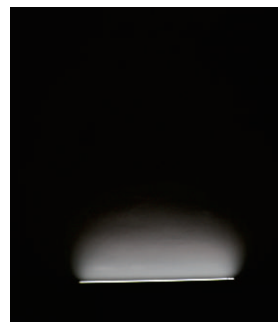
Application Scene Illustration



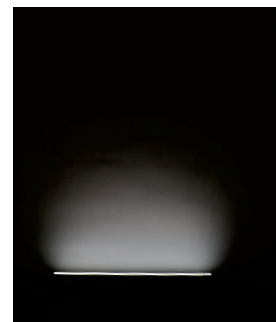
120° Side View



30° Side View



30° Front View
 Distance to the wall is 50mm[1.97in.]
 Graze height on the wall is 1800mm[70.9in.]



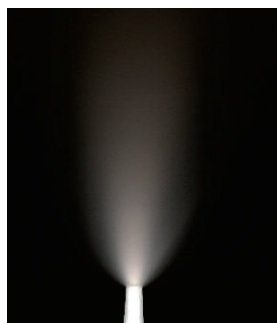
30° Front View
 Distance to the wall is 100mm[3.94in.]
 Graze height on the wall is 2000mm[78.7in.]



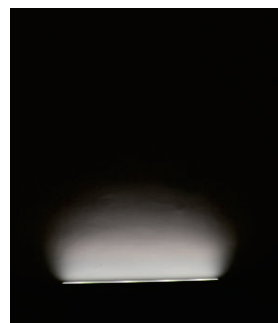
30° Front View
 Distance to the wall is 200mm[7.87in.]
 Graze height on the wall is 3000mm[118.1in.]



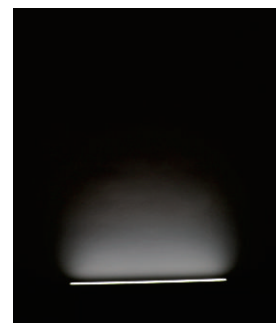
15° Side View



45° Side View



45° Front View
 Distance to the wall is 50mm[1.97in.]
 Graze height on the wall is 1200mm[47.2in.]



45° Front View
 Distance to the wall is 100mm[3.94in.]
 Graze height on the wall is 1500mm[59.1in.]



45° Front View
 Distance to the wall is 200mm[7.87in.]
 Graze height on the wall is 2200mm[86.6in.]

IG5170, IG8170 LED Linear Light

Ordering Information

Series Name	Length		Color Temp		Optics		Voltage	
IG5170 (RGBW, DRGBW)	12	12"	24K	2400K	15	15°	24V	24VDC
	24	24"	27K	2700K	30	30°		
IG8170 (STATIC WHITE)	40	40"	35K	3500K	45	45°		
	48	48"	40K	4000K	60	60°		
			50K	5000K	120	120°		
			65K	6500K				
			RGBW	RGBW				
		DRGBW	DMX Controlled RGBW					

Accessories

Wiring Accessories	
AL-IG5170-19-WL	19" Power Cable, Female Connector and tinned 5mm
AL-IG5170-39-J	Extension Jumper Cable, 39", Female and Male Connector
AL-IG5170-39-PSC	Power Supplement Cable, 39", two ends with Female and Male Connector with 2-pin extra cable
AL-IG5170-SIGSC	Signal Supplement Cable for DMX RGBW, 39" two ends with Female and Male Connector and with extra cable in the middle
DMX Controllers	
NIC-DMX-STICK-DE3	1,024 Channels, 2 Universes, 10 Zones
NIC-DMX-DINA-DR1	3,072 Channels, 6 Universes, 20 Zones
NIC-POWER4M	AC/DC Adapter for DMX Controller (1 Required per DMX Controller)

IG5170, IG8170 LED Linear Light

Accessories (Continued)

Glare Shields and Mounting Accessories* *Refer to Page 11 for Shield and Mounting Accessory Specifications and Details

Anti-Glare Shield (Non-Rotatable) w/Clips

- AL-IG5170-AGSWS-12** 12" Section
- AL-IG5170-AGSWS-24** 24" Section
- AL-IG5170-AGSWS-48** 48" Section

Anti-Glare Shield (120° Rotation) w/Clips

- AL-IG5170-120AGSWS-12** 12" Section
- AL-IG5170-120AGSWS-24** 24" Section
- AL-IG5170-120AGSWS-48** 48" Section

AL-IG5170-SWBS Fixed 1" Stainless Bracket with Screw

AL-IG5170-90ROTBWS Aluminum 0-90° Rotatable Bracket

AL-IG5170-180ROTBWS Aluminum 0-180° Rotatable Bracket

AL-IG5170-60ROTBWS Aluminum ±60° Rotatable Bracket

AL-IG5170-RALCH-40 Recessed Aluminum Channel with Endcap, 40"x1.065"x1.5"

AL-IG5170-EMACWC-40 Embedded (inground) Aluminum Profile with PC Cover and Endcap, 40"x1.065"x1.5"

Recommended Power Supplies

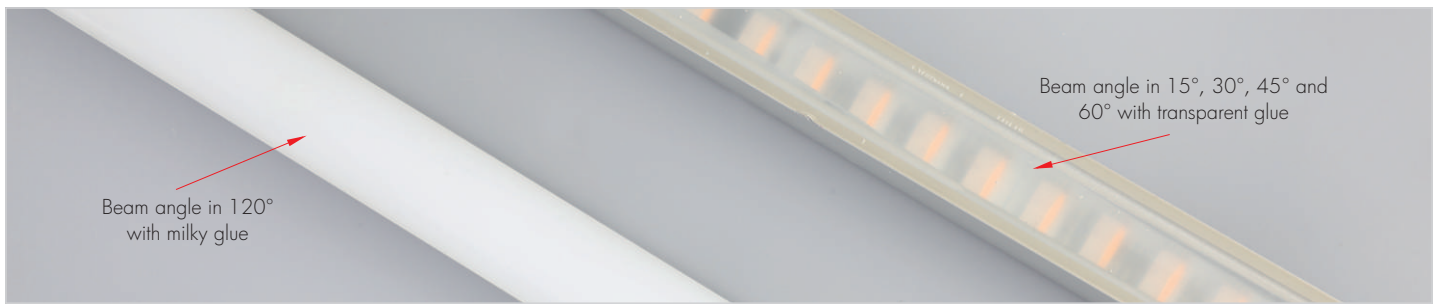
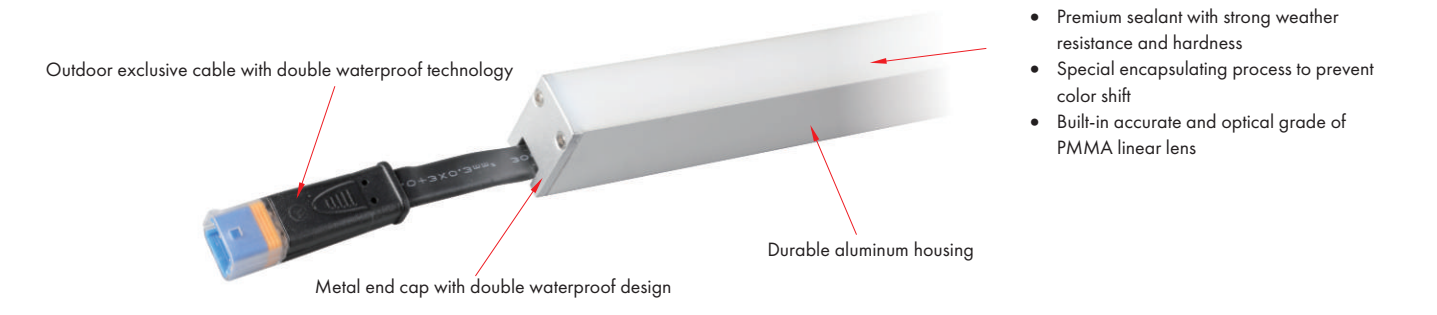
Dimmable with 0-10v, ELV, MLV, TRIAC

Item Number	Description	Max/Min Load	Input Voltage	Output Voltage	Dimmable	Dimensions
PS-TSLC-UNV-24V-30WDHV2	30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-60WDHV2	60W	60W / 6W	100-277V AC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
PS-TSLC-UNV-24V-96WDHV2	96W	96W / 9.6W	100-277V AC	24V DC	Yes*	8.66"L x 3.6"W x 1.61"H
PS-TSLC-UNV-24V-288WDHV2	288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	Yes*	11.85"L x 4.25"W x 1.8"H



IG5170, IG8170 LED Linear Light

Characteristic Description



Top-View
(upward/downward illumination)

90°-180°

The included angle between two neighboring luminaires is 90°-180° without the use of extension cable.
Do not lower angles to avoid placing stress on cable.

Side-View
(inward illumination)

150°-180°

The included angle between two neighboring luminaires is 150°-180° without the use of extension cable.
Do not lower angles to avoid placing stress on cable.

90°-180°

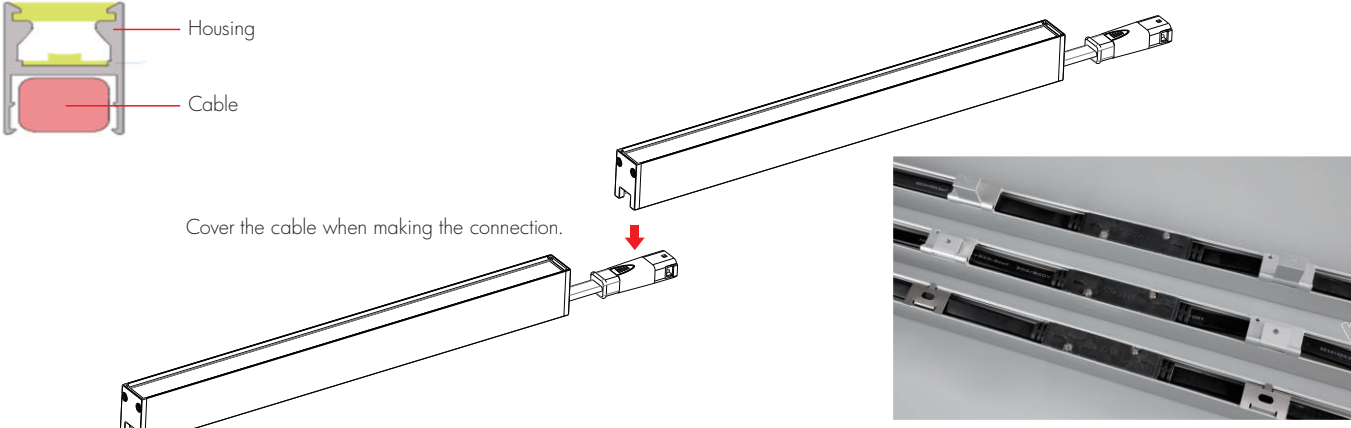
0°-180°

The included angle between two neighboring luminaires is 0°-180° without the use of extension cable.

Additional remark: please consider to use suitable extension cable for lower angle or other complex connection requirements!

IG5170, IG8170 LED Linear Light

Characteristic Description



Housing

Cable

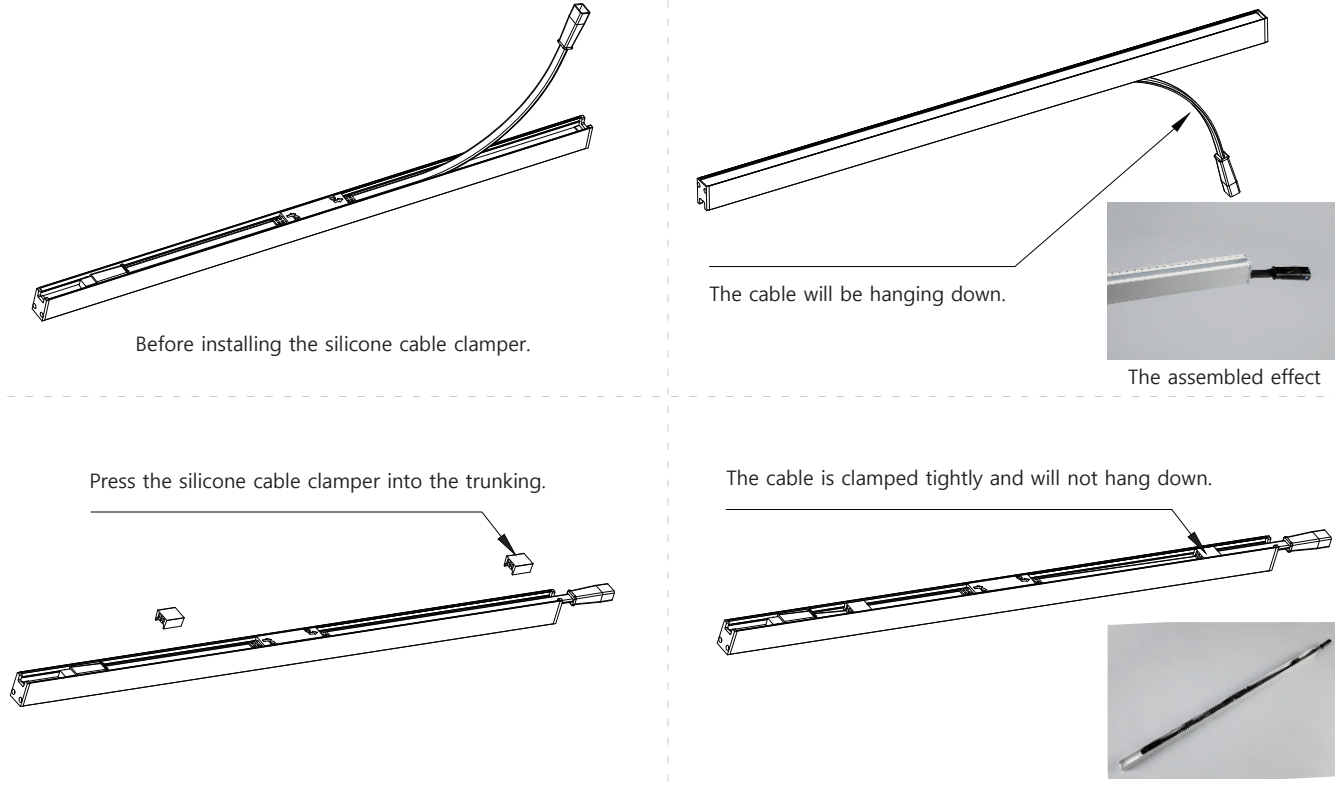
Cover the cable when making the connection.

The cable can be fixed inside the trunking while applying the installation accessory.

Top-View

Seamless splicing for the light; the splicing cable is invisible by embedding in the trunking at the bottom.

Side-View



Before installing the silicone cable clamer.

The cable will be hanging down.

The assembled effect

Press the silicone cable clamer into the trunking.

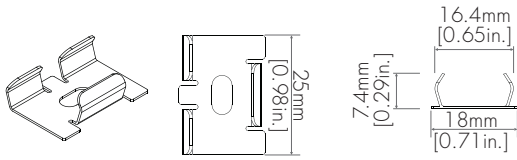
The cable is clamped tightly and will not hang down.

The assembled effect

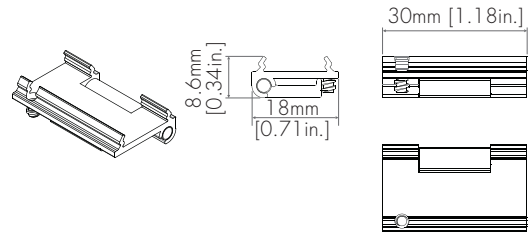
IG5170, IG8170 LED Linear Light

Installation Accessory

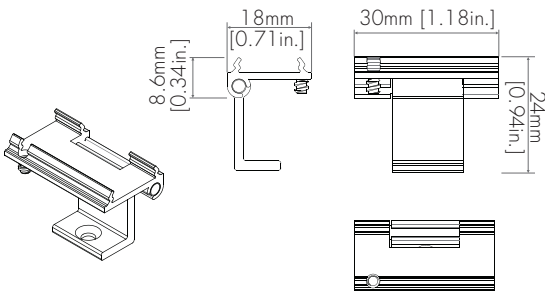
① **AL-IG5170-SBWS**
 Stainless bracket + Screw



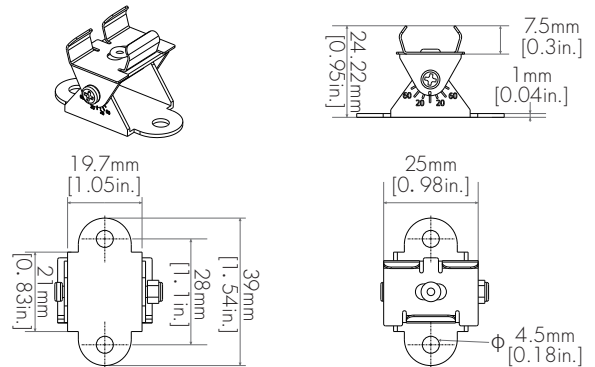
② **AL-IG5170-90ROTBWS**
 90° rotatable bracket with limit screw + Screw



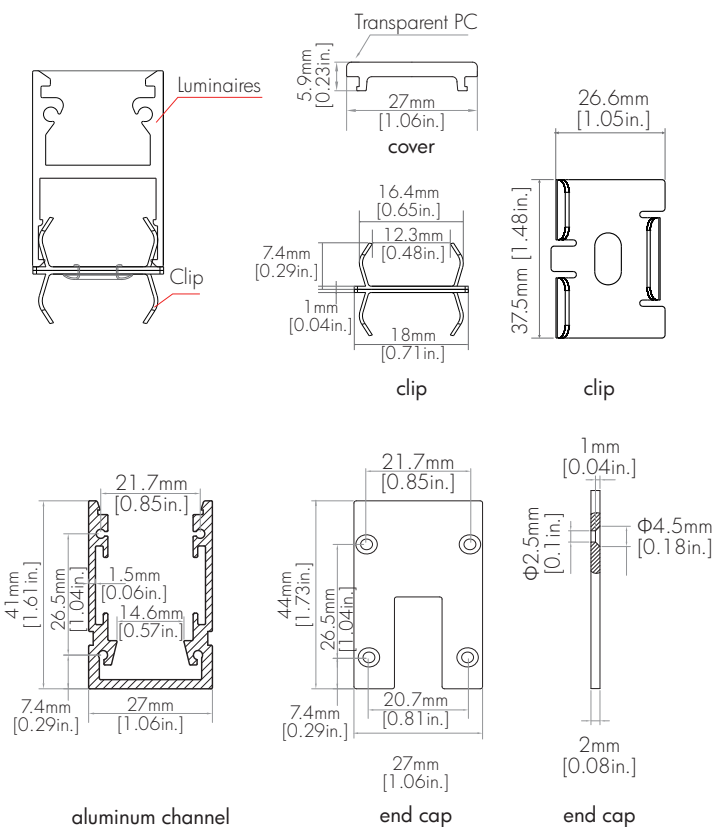
③ **AL-IG5170-180ROTBWS**
 180° rotatable bracket with limit screw + Screw



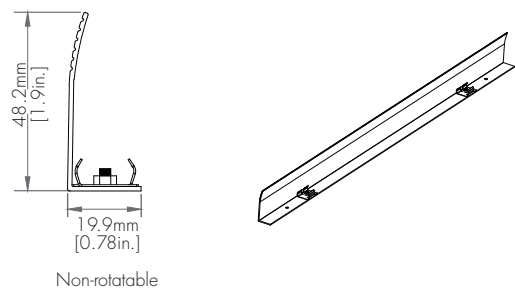
④ **AL-IG5170-120ROTBWS**
 120° rotatable bracket with fastening screw and angle scale



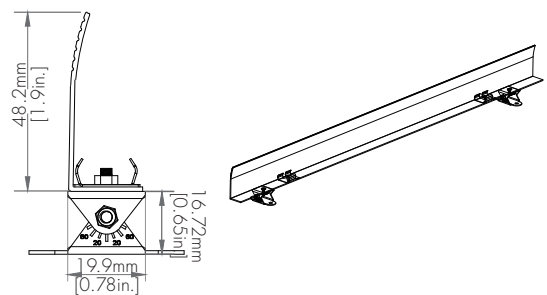
⑤ **AL-IG5170-EMACWC-40**
 Embedded aluminum channel with clip, cover and end cap



⑥ **AL-IG5170-AGSWS**
 Non rotatable anti-glare shield + screw



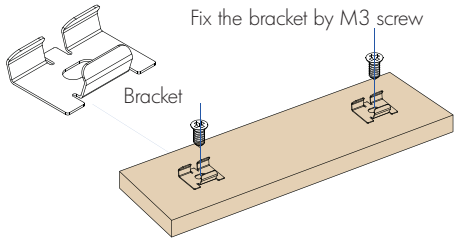
⑦ **AL-IG5170-120AGSWS**
 120° rotatable anti-glare shield + screw



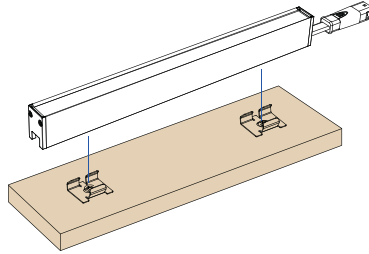
IG5170, IG8170 LED Linear Light

Installation

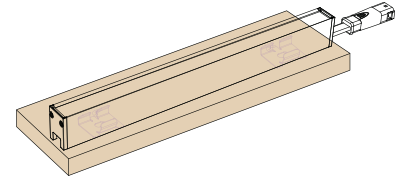
① Stainless bracket, AL-IG5170-SBWS



(2pcs for 1M[3.28ft.] length luminaires is advised.)



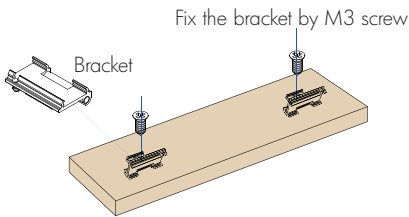
Fix the luminaires by pressing it to the bracket.



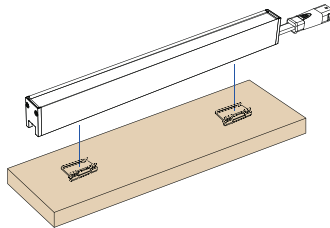
Adjust and complete.



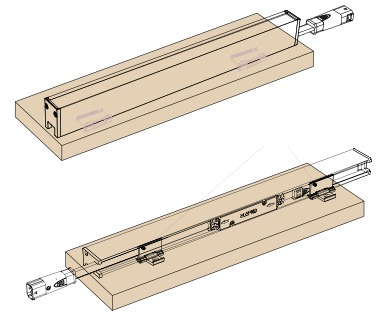
② 90° rotatable bracket, AL-IG5170-90ROTBWS



(2pcs for 1M[3.28ft.] length luminaires is advised.)



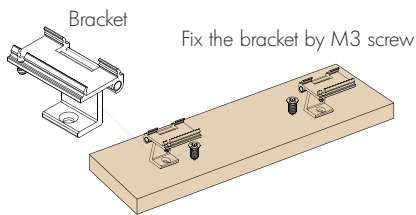
Fix the luminaires by pressing it to the bracket.



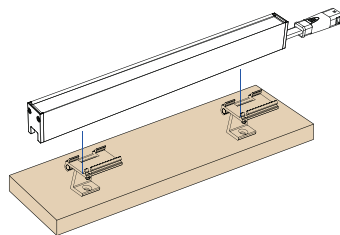
Adjust, lock the limit screw and complete



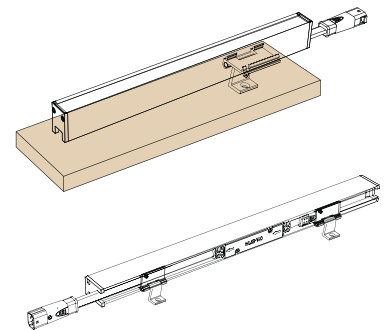
③ 180° rotatable bracket, AL-IG5170-180ROTBWS



(2pcs for 1M[3.28ft.] length luminaires is advised.)



Fix the luminaires by pressing it to the bracket.



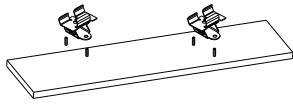
Adjust, lock the limit screw and complete



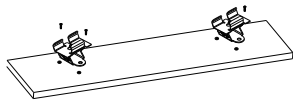
IG5170, IG8170 LED Linear Light

Installation

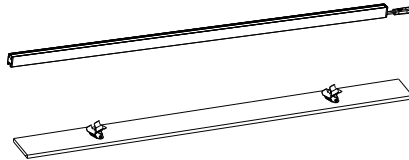
④ 120° rotatable bracket, AL-IG5170-120ROTBWS



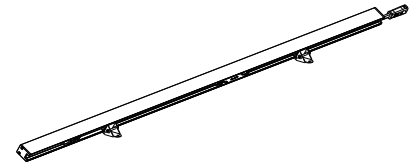
Locate the location on the mounting surface where the luminaires is to be installed, drill holes and insert the expanded rubber particle.



Fix the bracket into the expanded rubber particle by screw.
 (2pcs for 1M[3.28ft.] length luminaires is advised.)



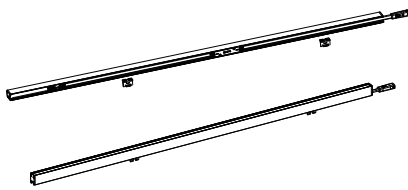
Fix the luminaires by pressing it to the bracket.



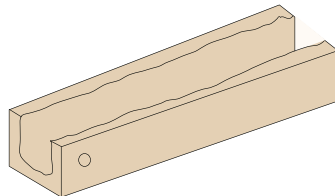
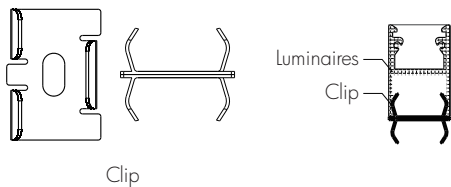
Adjust the luminaires to a desired angle, and then lock the luminaires by fastening screw finally.

Tool Sectional view after installation

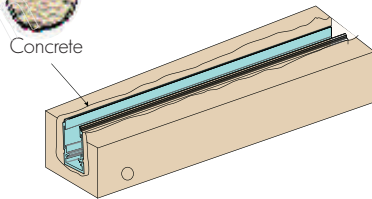
⑤ Embedded aluminum channel, AL-IG5170-EMACWC-40



Press the mounting clip to the luminaires.

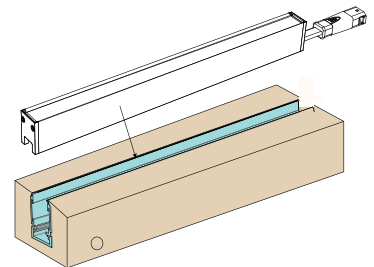


Make a groove on the wall in 25mm[1 in.] width (in-groud application is not supported).

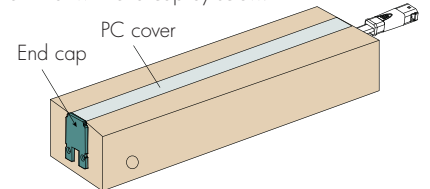


Place the aluminum channel to the groove, and then fill the excess gaps of groove with concrete.

Press the luminaires to the aluminum channel.



Fix the PC cover to the luminaires, and then seal the terminal with end cap by screw.



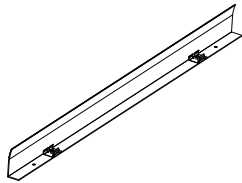
Adjust and complete.

Tool Sectional view after installation

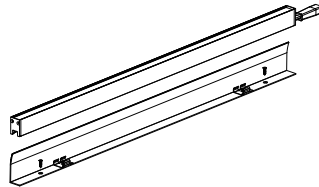
IG5170, IG8170 LED Linear Light

Installation

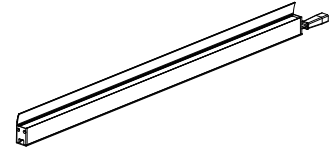
⑥ Non rotatable anti-glare shield, AL-IG5170-AGSWS



Take out the glare shield that has already been fitted with brackets.



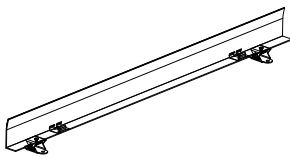
Fix the non rotatable glare shield to the mounting surface by screw, and then buckle the luminaires to the bracket.



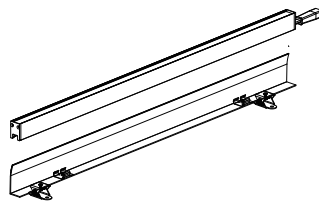
Adjust the position of the luminaires and complete.

Tool Sectional view after installation

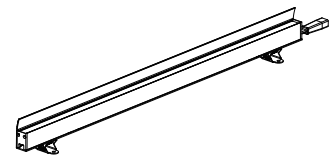
⑦ 120° rotatable anti-glare shield, AL-IG5170-120AGSWS



Take out the glare shield that has already been fitted with brackets and 120° rotatable brackets.



Fix the 120° rotatable glare shield to the mounting surface by screw, and then buckle the luminaires to the bracket.

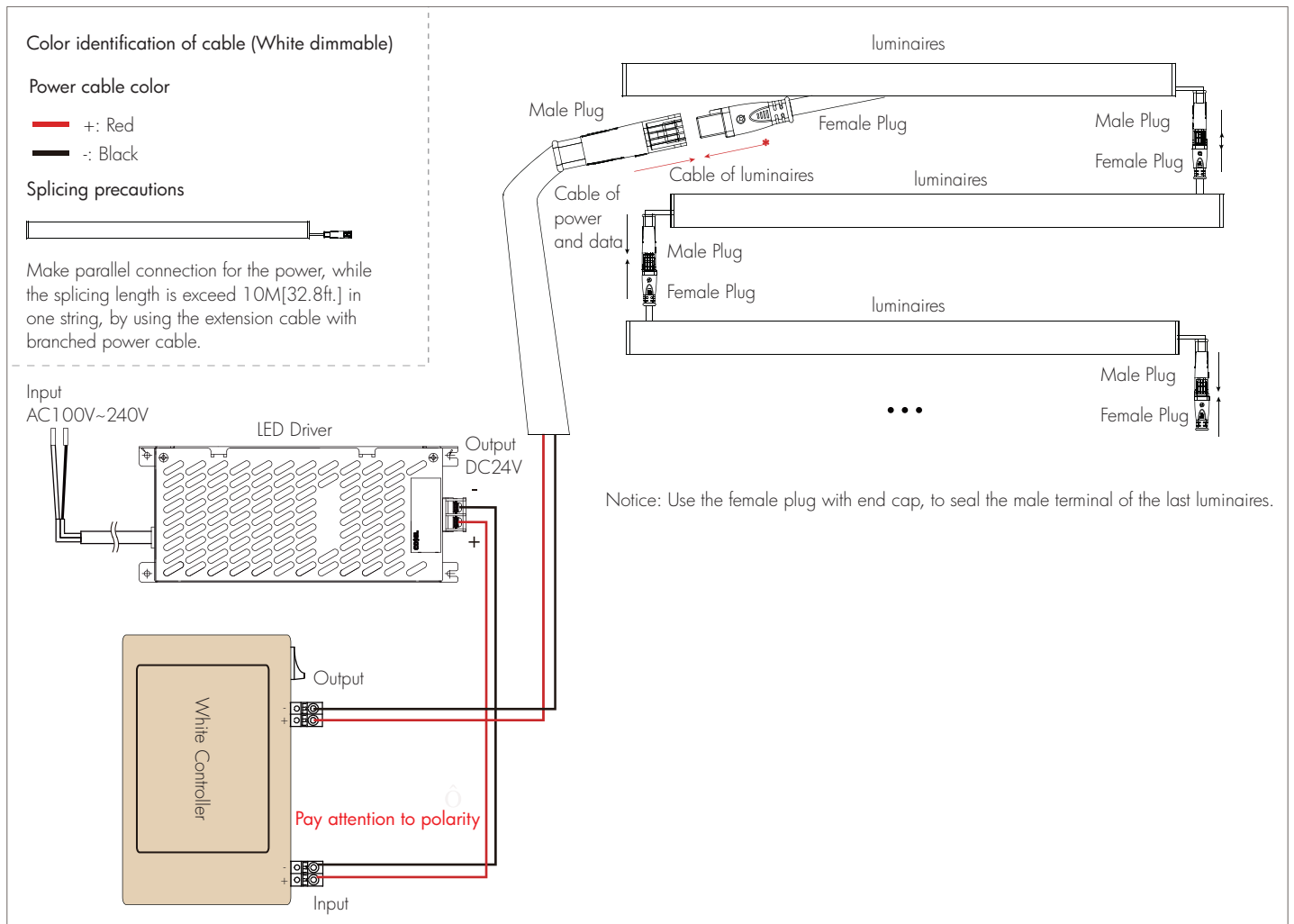
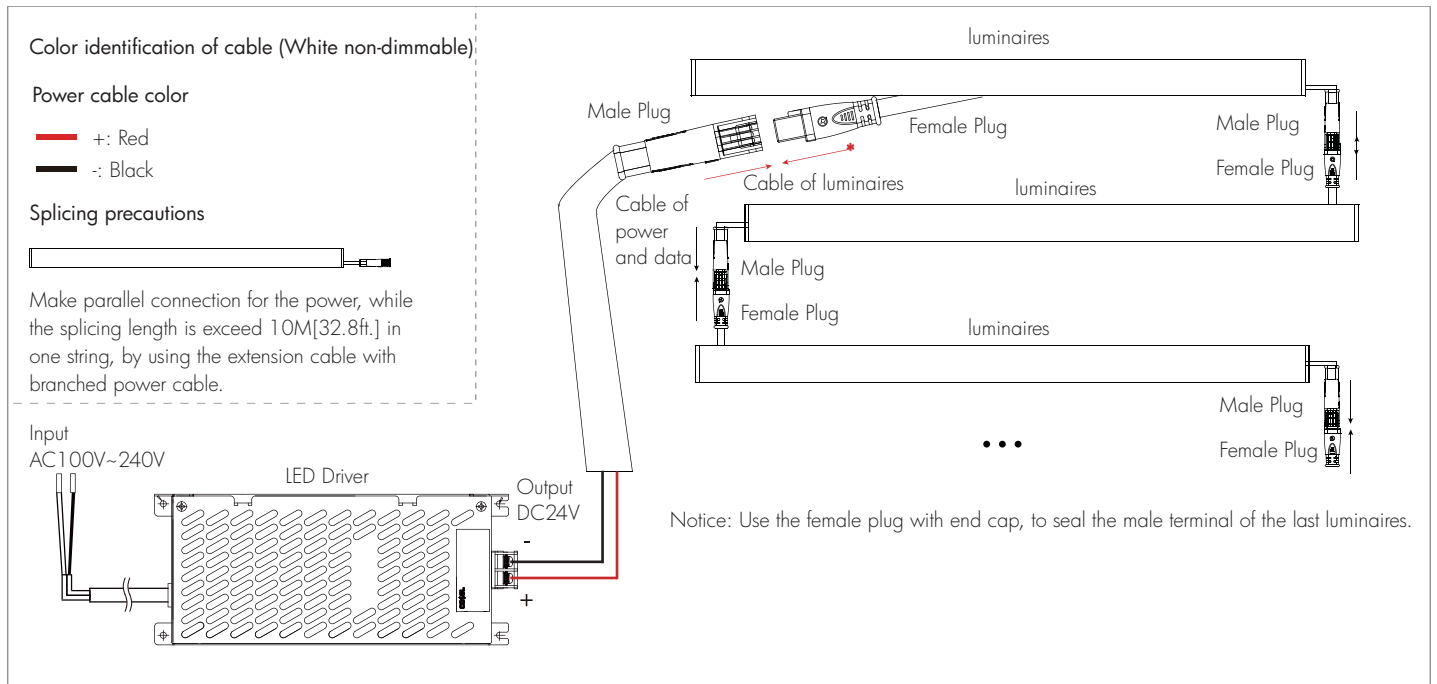


Adjust the position and angle of the luminaires, and then lock the luminaires by fastening screw finally.

Tool Sectional view after installation

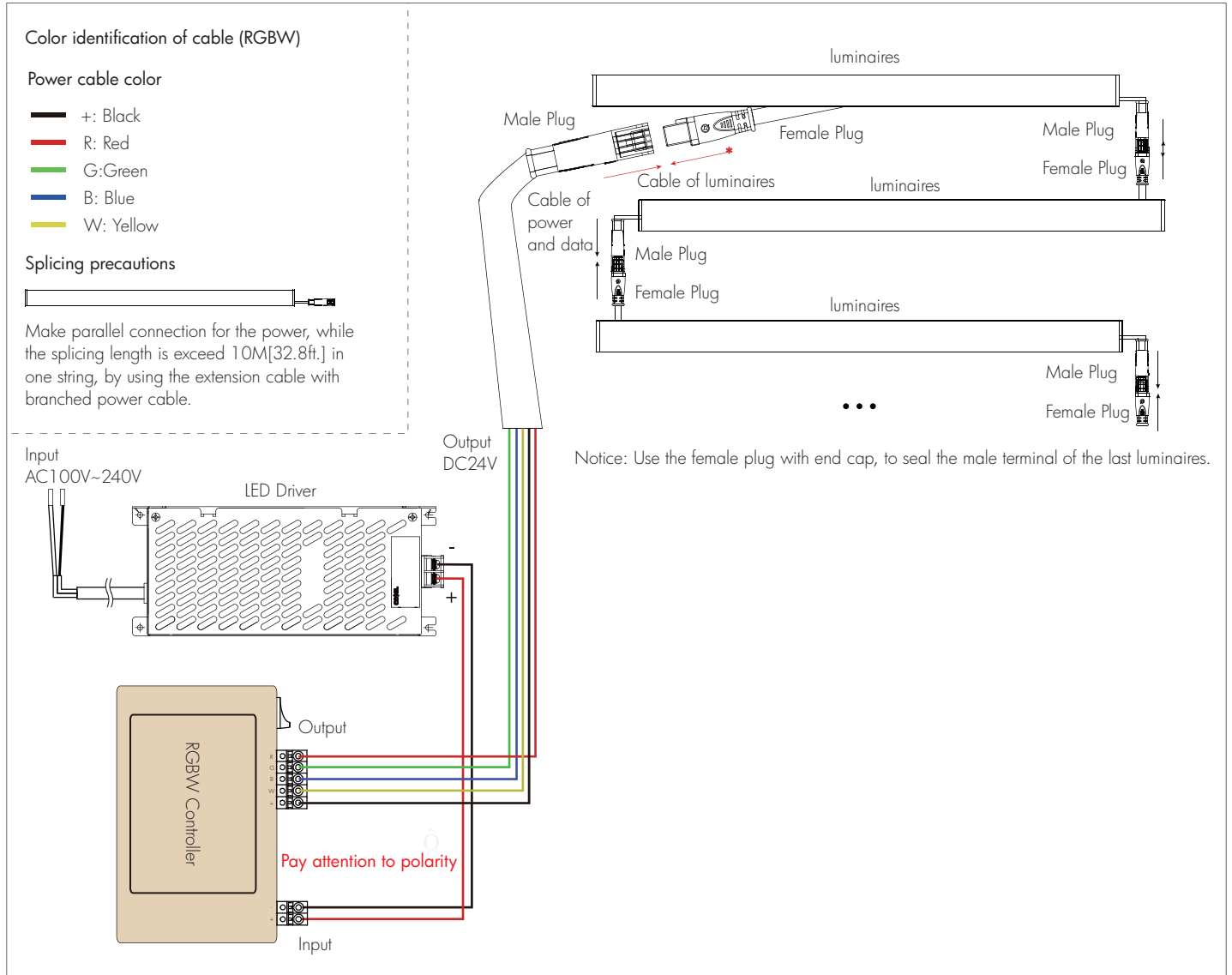
IG5170, IG8170 LED Linear Light

Connection (White)



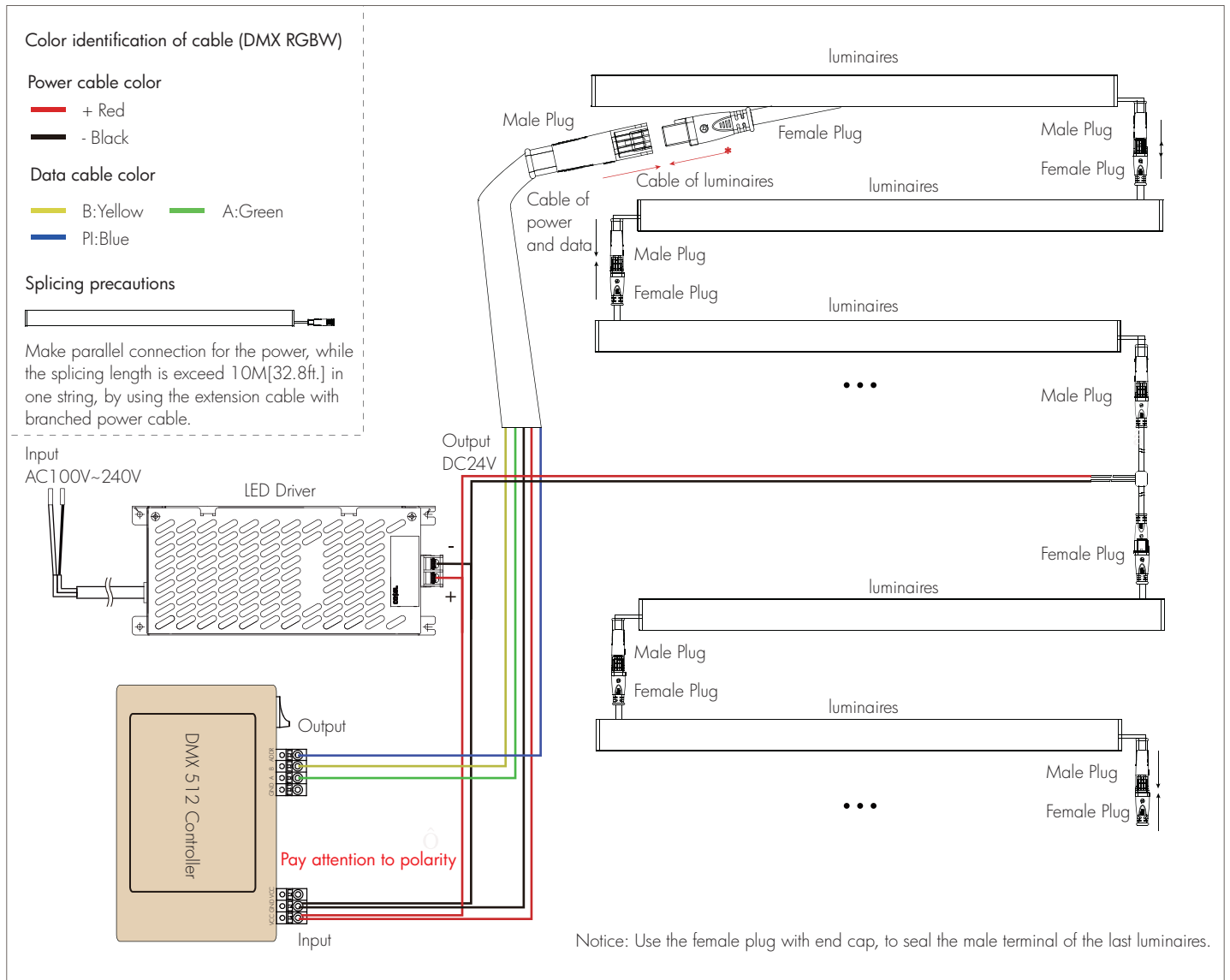
IG5170, IG8170 LED Linear Light

Connection (RGBW)



IG5170, IG8170 LED Linear Light

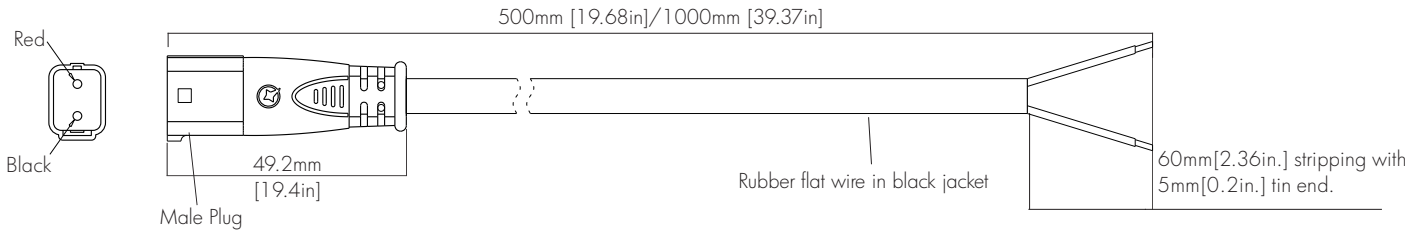
Connection (DMX RGBW)



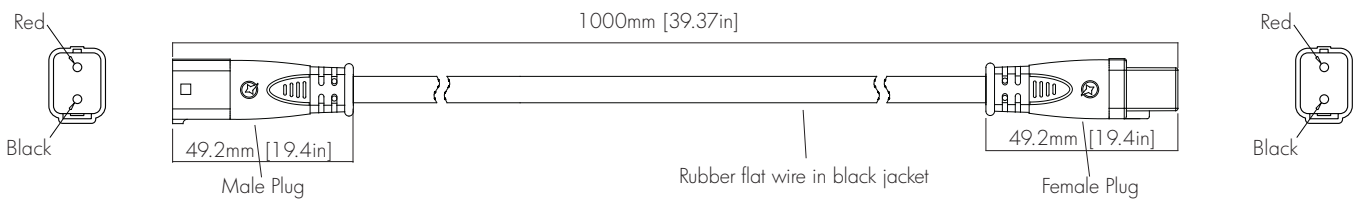
IG5170, IG8170 LED Linear Light

Waterproof Cable (White)

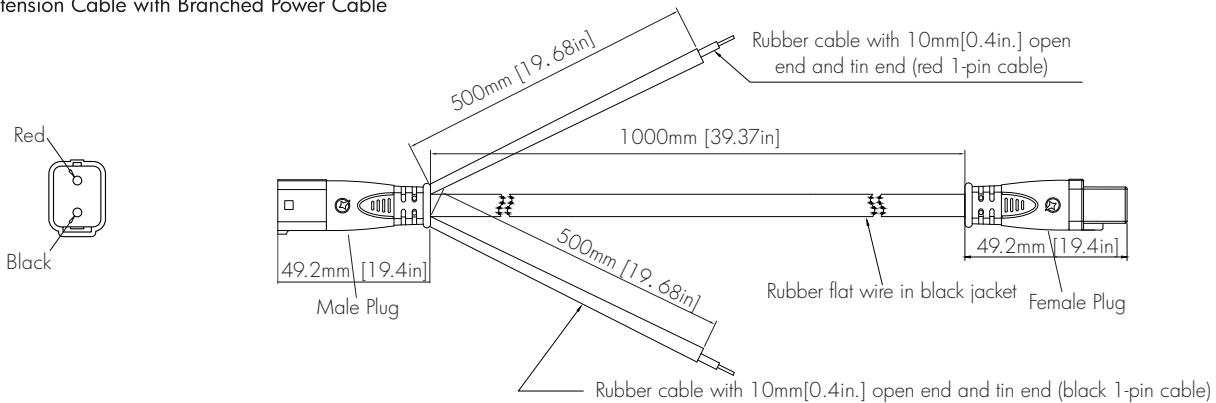
Power Cable in 0.5M[1.64ft.]/1M[3.28ft.]



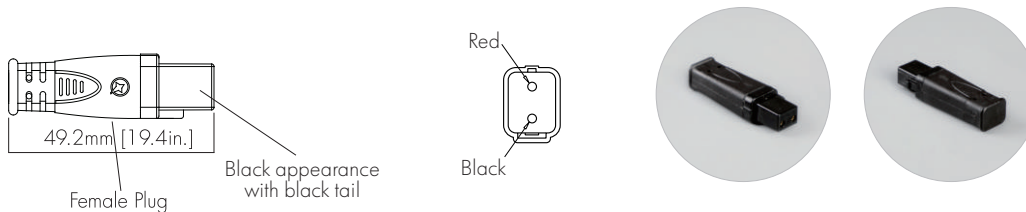
Extension Cable in 1M[3.28ft.]



Extension Cable with Branched Power Cable



Female Plug without Cable as End Cap



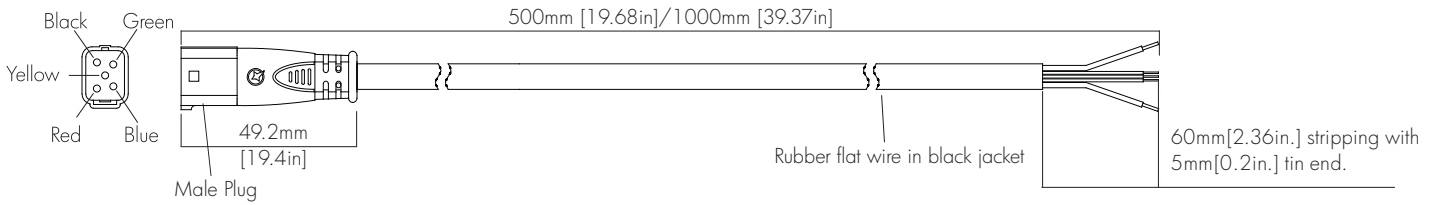
Color identification of cable (White non-dimmable/ dimmable)

- Power cable color
- +: Red
 - -: Black

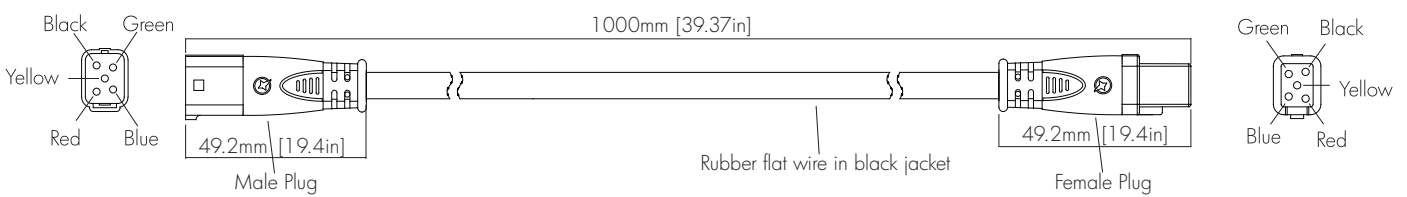
IG5170, IG8170 LED Linear Light

Waterproof Cable (RGBW)

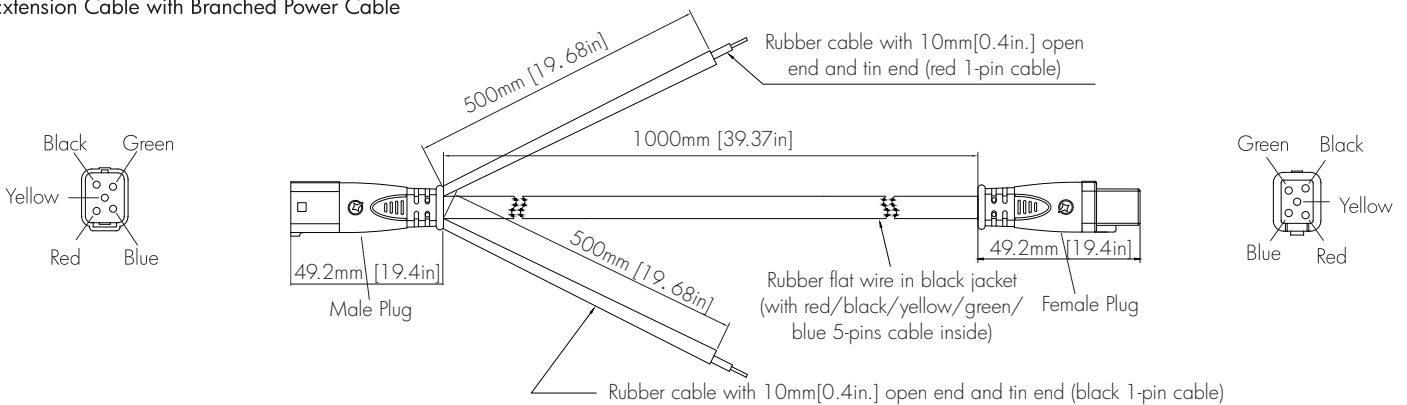
Power Cable in 0.5M[1.64ft.]/1M[3.28ft.]



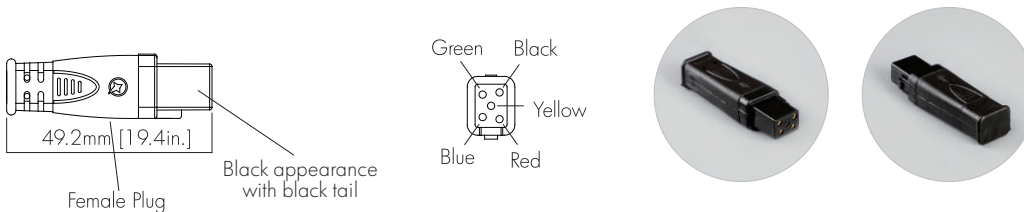
Extension Cable in 1M[3.28ft.]



Extension Cable with Branched Power Cable



Female Plug without Cable as End Cap



Color identification of cable (RGBW)

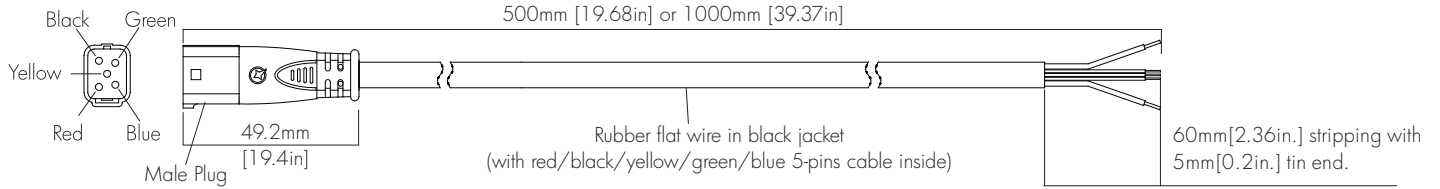
Power cable color

- +: Black
- R: Red
- G: Green
- B: Blue
- W: Yellow

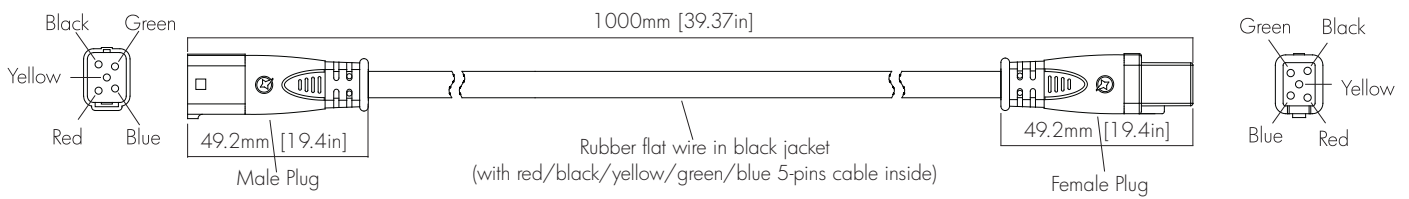
IG5170, IG8170 LED Linear Light

Waterproof Cable (DMX RGBW)

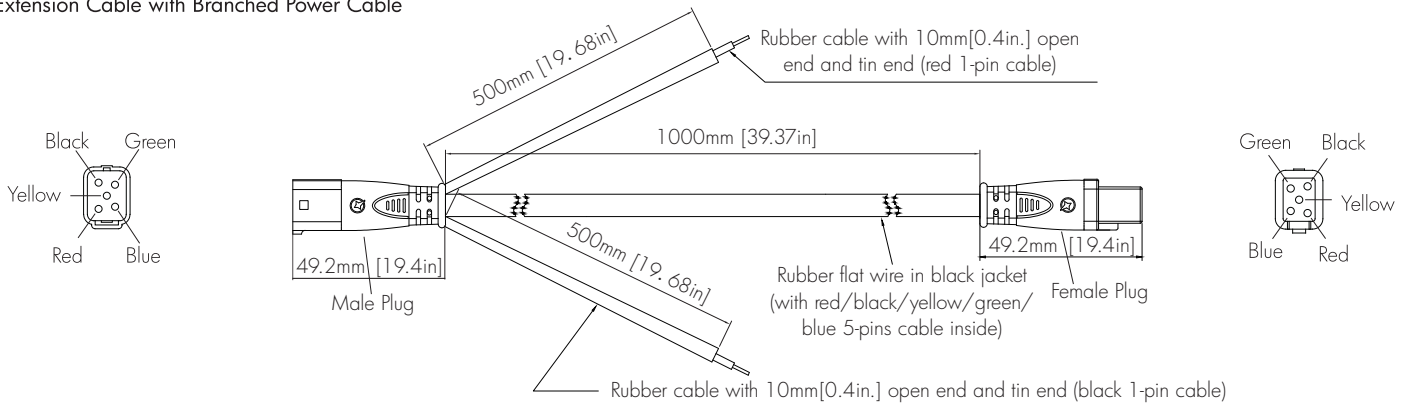
Power Cable



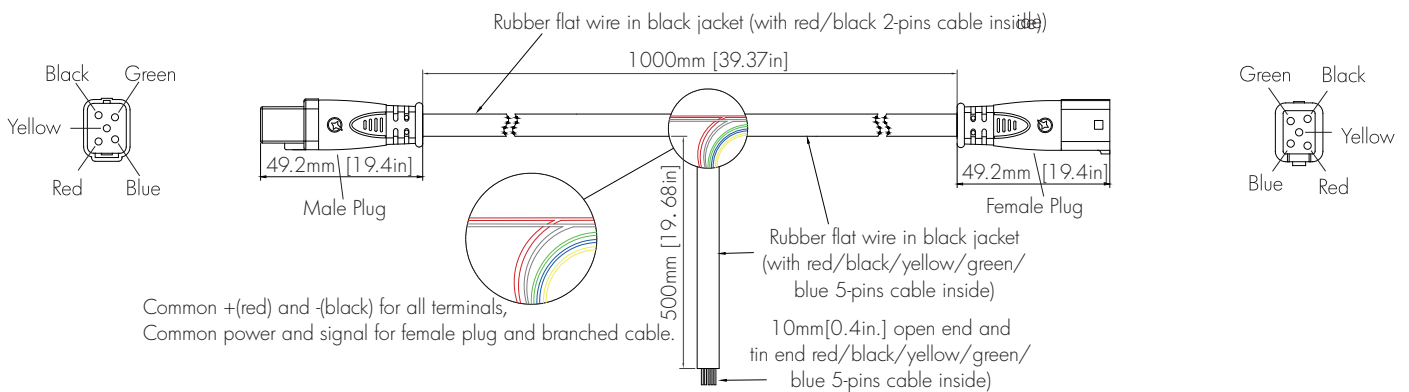
Extension Cable



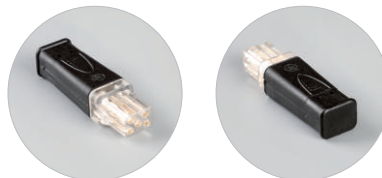
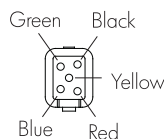
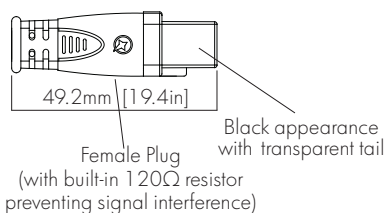
Extension Cable with Branched Power Cable



Extension Cable with Branched Power&Signal Cable



Female Plug without Cable as End Cap



Color identification of cable (DMX RGBW)	
Power cable color	
—	+ Red
—	- Black
Data cable color	
—	B: Yellow
—	A: Green
—	P: Blue