

 **Belite**

**MILESTONE**



**LED PROJECTOR**  
**LIGHT 2022**

 **Belite**

**广东威谱照明科技有限公司**

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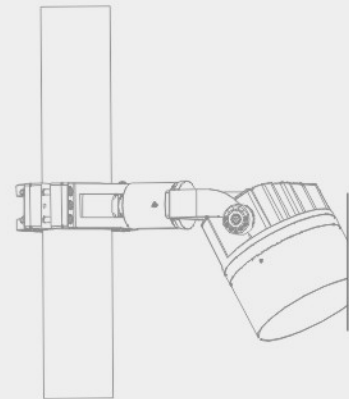
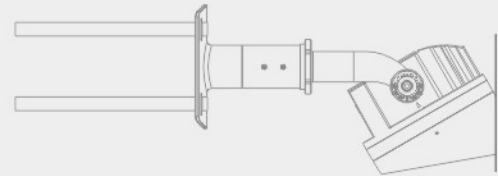
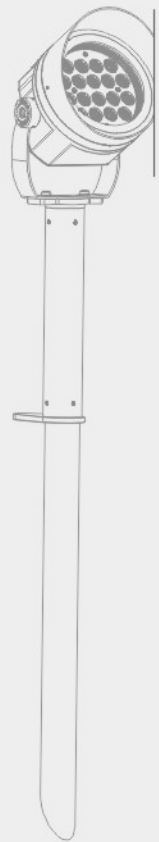
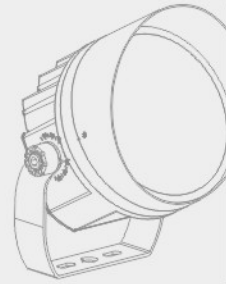
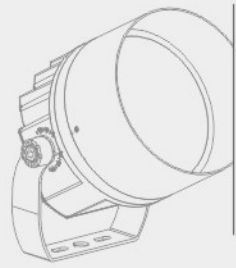
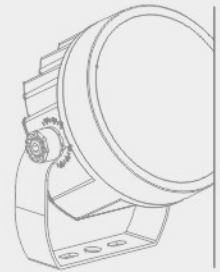
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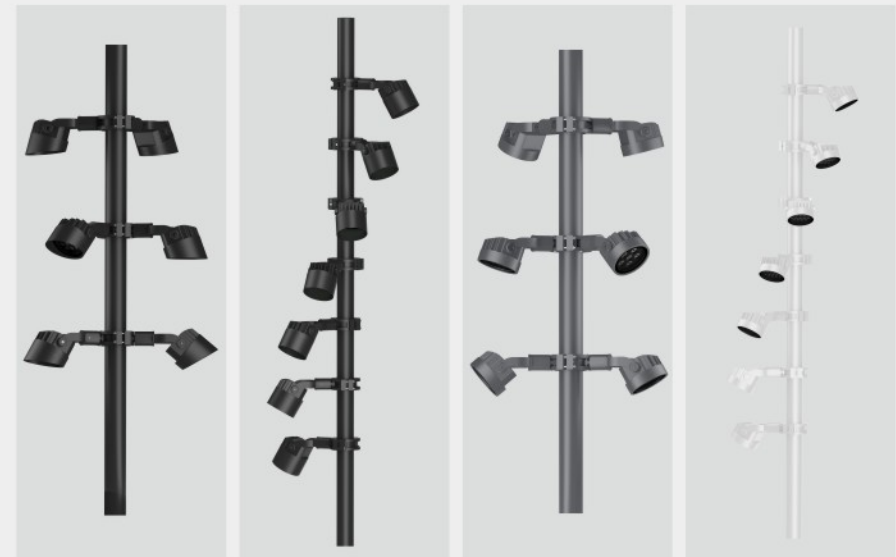


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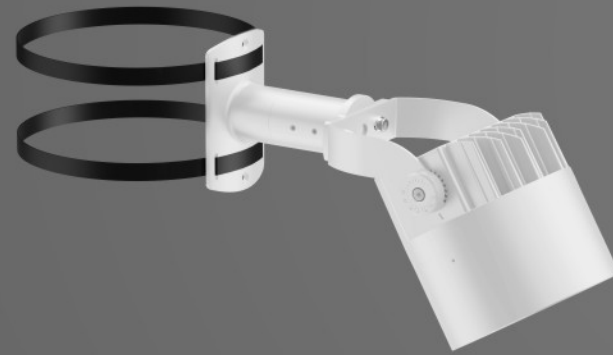
## MILESTONE SERIES



### BELITE 2022 MILESTONE SERIES

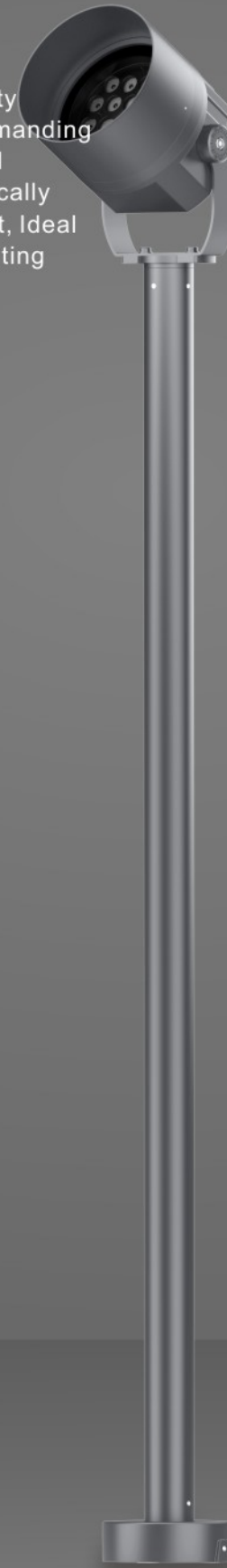


# BELITE 2022 PROJECTOR LIGHT



## MILESTONE

Special Housing Designs And High-quality Optical Components Specifically For Demanding Visual Tasks To Provide Enhanced Visual Comfort. Discreet And Compact Aesthetically Designed Architectural Outdoor Spotlight, Ideal For Glare-free Accent Lighting, Floodlighting And Wall Washing In The Outdoor Area.



## MILESTONE

SPECIAL HOUSING DESIGNS AND HIGH-QUALITY OPTICAL COMPONENTS SPECIFICALLY FOR DEMANDING VISUAL TASKS TO PROVIDE ENHANCED VISUAL COMFORT. DISCREET AND COMPACT AESTHETICALLY DESIGNED ARCHITECTURAL OUTDOOR SPOTLIGHT, IDEAL FOR GLARE-FREE ACCENT LIGHTING, FLOODLIGHTING AND WALL WASHING IN THE OUTDOOR AREA.

LUMINAIRES WITH CREE COB OR XP-E/G LEDS PROVIDE EXCELLENT LIGHT QUALITY WITH HIGHLY PRECISE LIGHT DISTRIBUTION, FREE OF COLOUR SHIFTS AND DISTORTION, SPECIAL PCB LAYOUTS ENSURE THE LED MODULES ARE OPTIMALLY MATCHED TO THE OPTICAL SYSTEM OF THE LUMINAIRES. EMIT MORE THAN 90% OF THEIR INITIAL LUMINOUS FLUX UNTIL 50000 OPERATING HOURS.

CORROSION-RESISTANT ADC12 # DIE-CASTING ALUMINIUM BODY GIVES THE LUMINAIRE GOOD THERMAL CONDUCTIVITY, AND LARGE AREA CONNECTIONS BETWEEN THE REAR OF THE HOUSING AND THE LED'S PCB ENSURE GOOD HEAT CONDUCTION.

STAINLESS STEEL SCREWS, HIGH STRENGTH 4MM TOUGHENED GLASS >92% LIGHT TRANSMITTANCE, EXTREMELY NARROW TO WIDE BEAM OPTIONS, ROTATIONALLY SYMMETRIC LIGHT.

SPIKE/POLE//PLATE/ CEILING MOUNTING VERSION ALSO AVAILABLE.

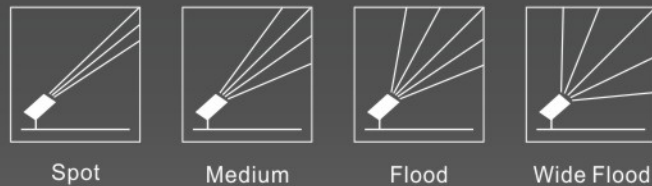
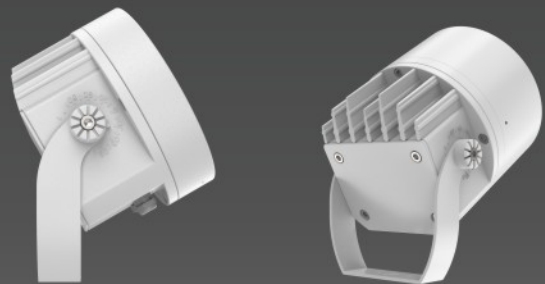


**CUSTOMIZABLE COLOR**

MOQ:300 Nos

**STANDARD COLOR**

# LED PROJECTOR LIGHT D120

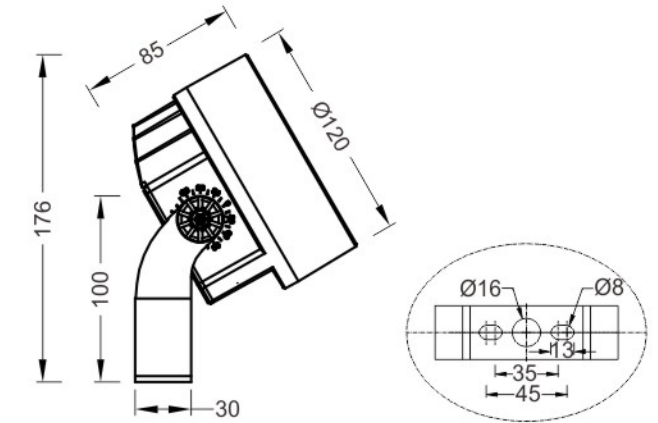


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BE A BRIGHT LIGHT TO THE WORLD



Without Hood



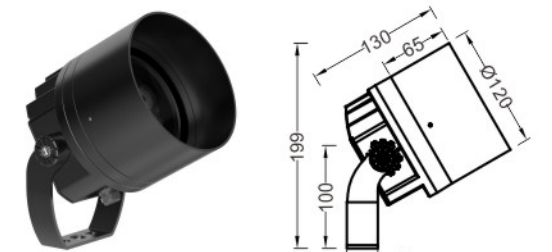
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D1200615A	15W/24W	6PCS	CREE/OSRAM /LUMINUS SMD	2700-6500K R/G/B	5°/8°/12°/25°/40°/60° /10°*22°/15°*55°	AC220-240V /AC110-240V /AC110-130V
BL-D1200615B	15-24W			2700-6500K R/G/B		
BL-D1200615C	15-24W		TYANSHINE	Tunable White	25°/40°/60°	DC24V/DC36V /DC48V
BL-D1200618	15-18W			RGB 3in1		
BL-D1200624	15-24W			RGBW 4in1		
BL-D1200625	25-36W			RGBW 4in1		

## Material Specifications

LED: CREE/OSRAM/LUMINUS/TYANSHINE.  
 Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
 Adhesion of ISO class 1/ASTM class 48.  
 Gasket: Tooling shaped double silicone seal.  
 Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
 Working Temperature: -20 to 40°C.



With Aylundrinal Hood Angle 70°

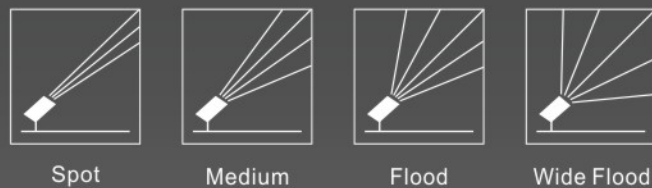
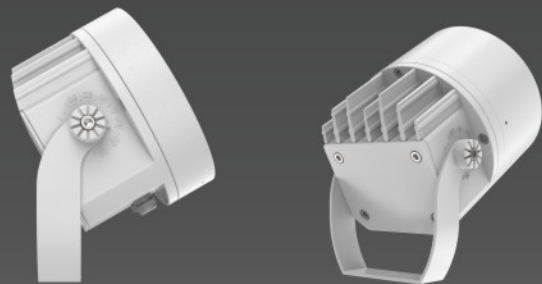


With Cylindrical Hood

## Features

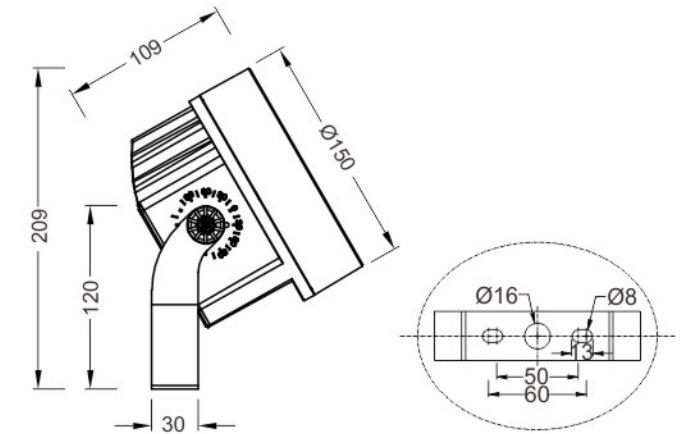
- High colour rendering index
- Excellent thermal management
- Dimmable versions available
- EMC-optimised

# LED PROJECTOR LIGHT D150



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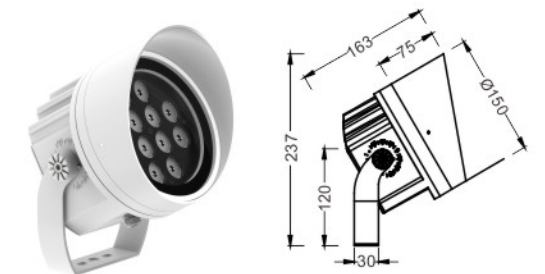


Without Hood

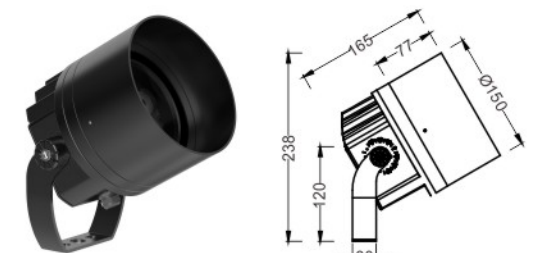
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D1501230A	30W/36W	12PCS	CREE/OSRAM /LUMINUS SMD	2700-6500K R/G/B	5°/8°/12°/25°/40°/60° /10°*22°/15°*55°	AC220-240V /AC110-240V /AC110-130V
BL-D1501230B	30W/36W					
BL-D1501230C	30W/36W		TYANSHINE	Tunable White	25°/40°/60°	DC24V/DC36V /DC48V
BL-D1501236	30-36W			RGB 3in1		
BL-D1501248	30-48W			RGBW 4in1		
BL-D1501230D	30W				RGBW 4in1	

### Material Specifications

LED:CREE/OSRAM/LUMINUS/TYANSHINE.  
Housing:12# Die-casting powder coated aluminum.T=60-80µm  
Adhesion of ISO class 1/ASTM class 48.  
Gasket:Tooling shaped double silicone seal.  
Dimmable : Triac/Dali/0-10V/PWM/DMX512.  
Working Temperature:-20 to 40°C.



With Aylndrical Hood Angle 70°

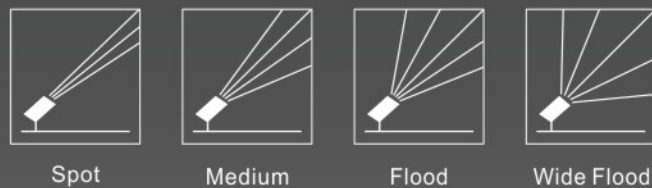
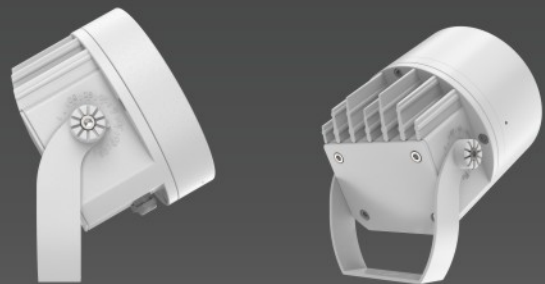


With Cylindrical Hood

### Features

- High colour rendering index
- Excellent thermal management
- Dimmable versions available
- EMC-optimised

# LED PROJECTOR LIGHT D180



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BE A BRIGHT LIGHT TO THE WORLD

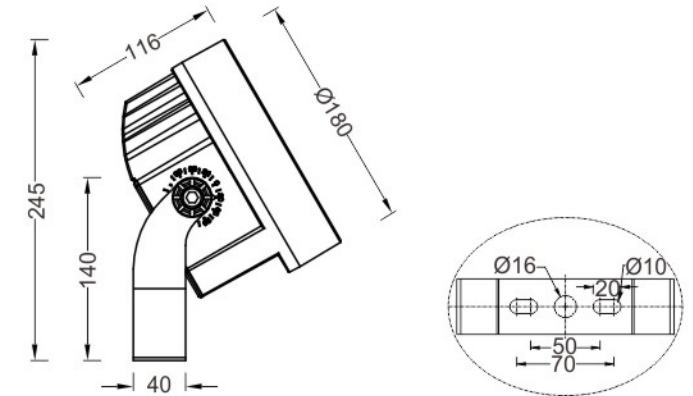










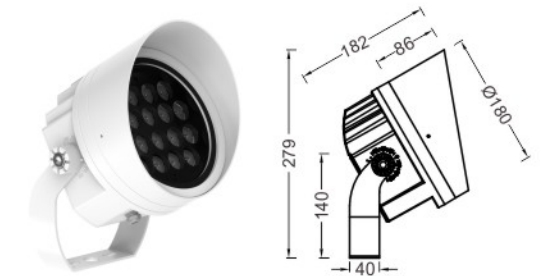
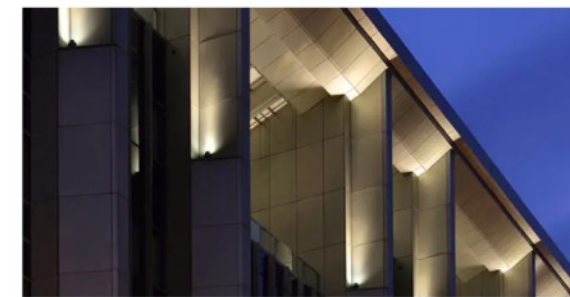


Without Hood

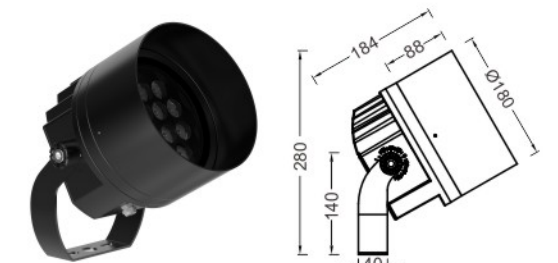
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D1801848	42W/48W/54W	18PCS	CREE/OSRAM /LUMINUS SMD	2700-6500K R/G/B	5°/8°/12°/25°/40°/60° /10°*22°/15°*55°	AC220-240V /AC110-240V /AC110-130V
BL-D1801842A	42-54W					DC24V/DC36V /DC48V
BL-D1801842B	42-54W		TYANSHINE	Tunable White RGB 3in1 RGBW 4in1 RGBW 4in1	25°/40°/60°	DC48V
BL-D1801842C	42-54W					DC24V/DC48V
BL-D1801842D	42-70W					
BL-D1801842E	42-68W					

## Material Specifications

LED: CREE/OSRAM/LUMINUS/TYANSHINE.  
Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
Adhesion of ISO class 1/ASTM class 48.  
Gasket: Tooling shaped double silicone seal.  
Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
Working Temperature: -20 to 40°C.



With Aylindrical Hood Angle 70°



With Cylindrical Hood

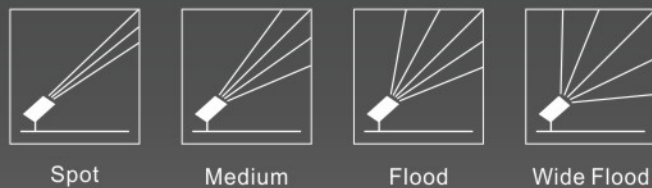
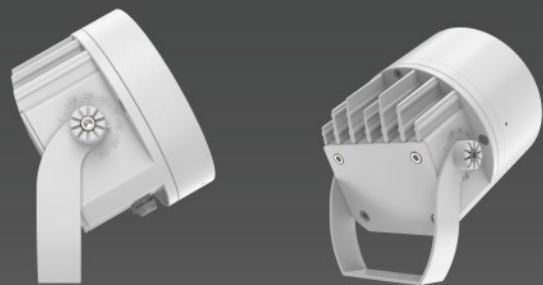
## Features

-  High colour rendering index
-  Excellent thermal management
-  Dimmable versions available
-  EMC-optimised

LED PROJECTOR LIGHT

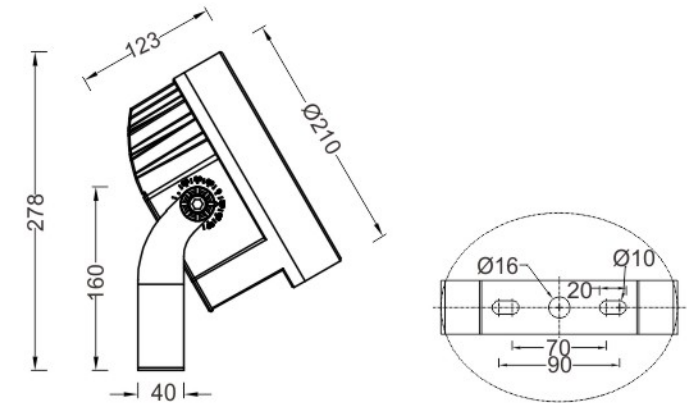


# LED PROJECTOR LIGHT D210



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BE A BRIGHT LIGHT TO THE WORLD

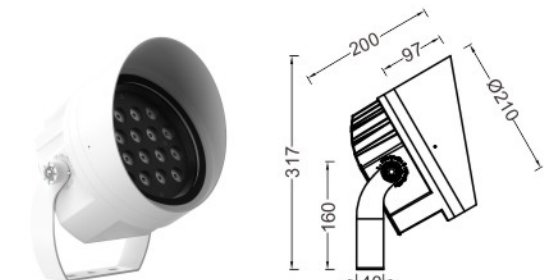


Without Hood

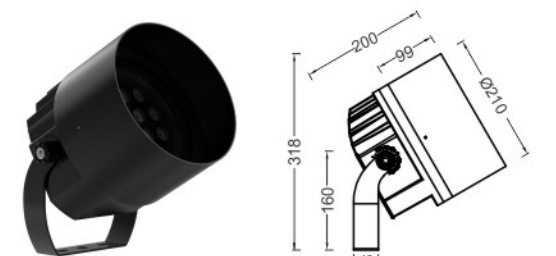
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D2101860	60W/72W	18PCS	CREE/OSRAM /LUMINUS SMD	2700-6500K R/G/B	5°/8°/12°/25°/40°/60° /10°*22°/15°*55°	AC220-240V /AC110-240V /AC110-130V
BL-D2101866A	66W/72W			2700-6500K R/G/B		
BL-D2101866B	66W/72W		TYANSHINE	Tunable White	25°/40°/60°	DC48V
BL-D2101872A	66W/72W			RGB 3in1		
BL-D2101872B	66W/72W			RGBW 4in1		
BL-D2101872C	72W-100W					DC24V/DC48V
						AC110-240V

## Material Specifications

LED: CREE/OSRAM/LUMINUS/TYANSHINE.  
 Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
 Adhesion of ISO class 1/ASTM class 48.  
 Gasket: Tooling shaped double silicone seal.  
 Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
 Working Temperature: -20 to 40°C.



With Aylndrical Hood Angle 70°

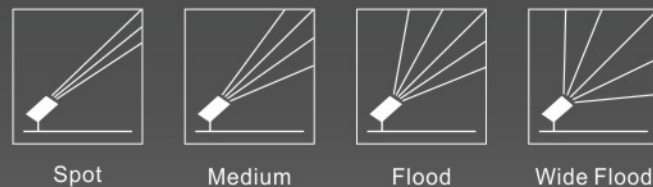
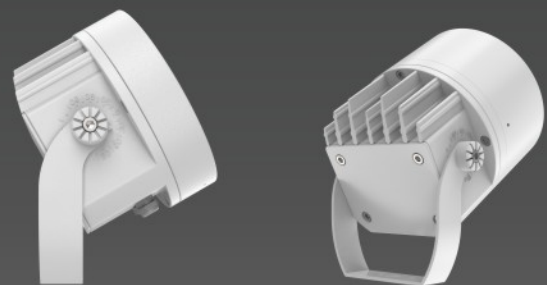


With Cylindrical Hood

## Features

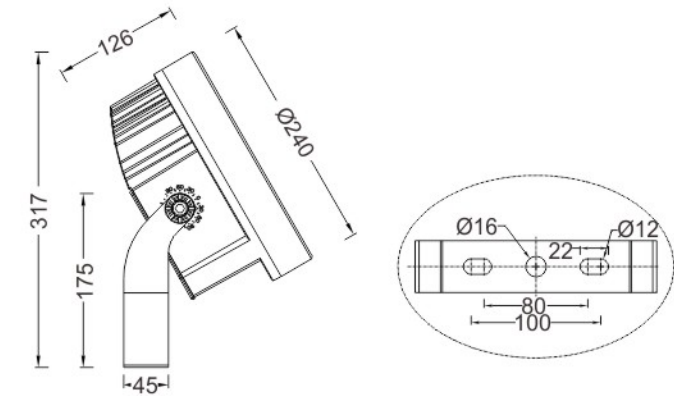
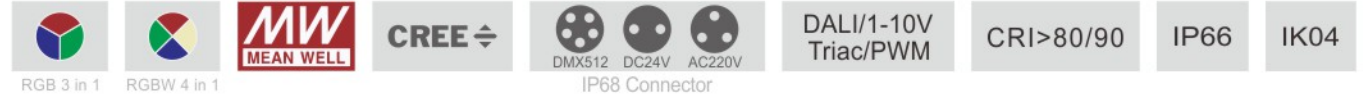
- High colour rendering index
- Excellent thermal management
- Dimmable versions available
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# LED PROJECTOR LIGHT D240



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BE A BRIGHT LIGHT TO THE WORLD



Without Hood

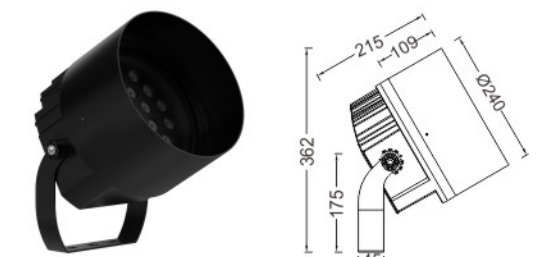
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D2402485A	80W/85W /100W	24PCS	CREE/OSRAM /LUMINUS SMD	2700-6500K R/G/B	5°/8°/12°/25°/40°/60° /10°*22°/15°*55°	AC220-240V /AC110-240V /AC110-130V
BL-D2402485B	85W/100W			2700-6500K R/G/B		
BL-D24024100A	85W/100W		TYANSHINE	Tunable White	25°/40°/60°	DC48V
BL-D2402475	75W			RGB 3in1		
BL-D24024100B	85W/100W /120W			RGBW 4in1		
BL-D2402470	70W					

## Material Specifications

LED:CREE/OSRAM/LUMINUS/TYANSHINE.  
Housing:12# Die-casting powder coated aluminum.T=60-80µm  
Adhesion of ISO class 1/ASTM class 48.  
Gasket:Tooling shaped double silicone seal.  
Dimmable : Triac/Dali/0-10V/PWM/DMX512.  
Working Temperature:-20 to 40°C.



With Aylundral Hood Angle 70°



With Cylindrical Hood

## Features



LED PROJECTOR LIGHT

## MILESTONE

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 Beilite

# MULTI-PURPOSE APPLICATIONS OF MILESTONE SERIES PROJECTOR LIGHT



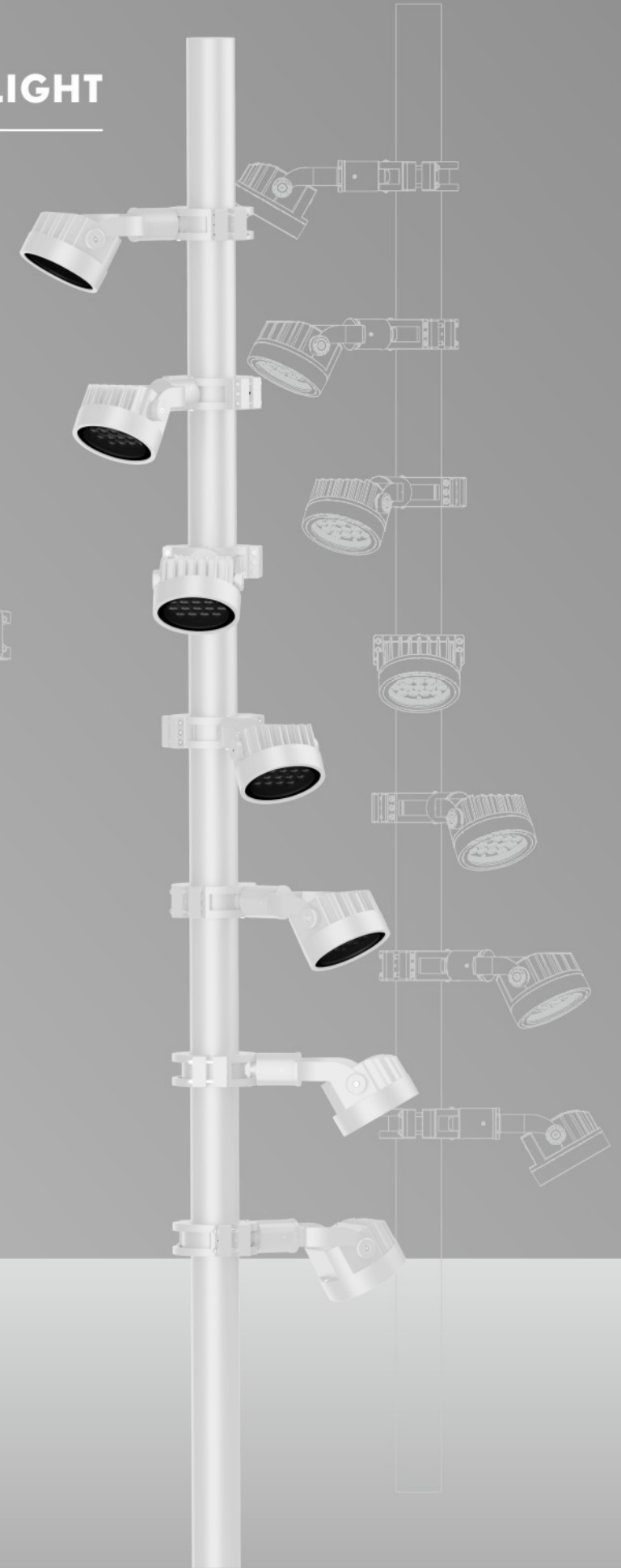
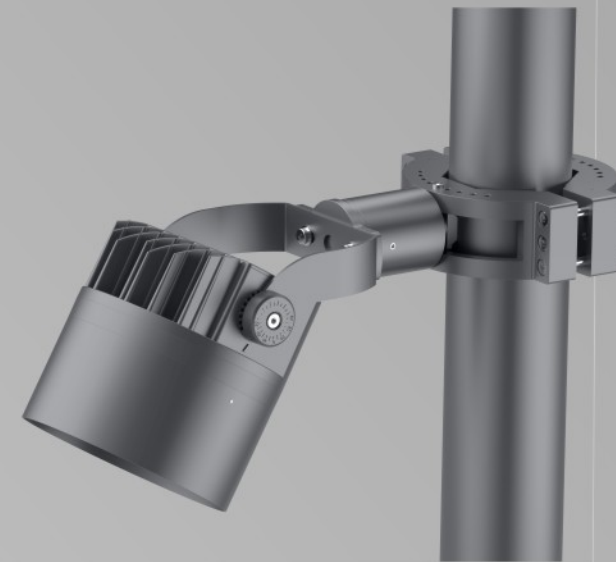
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 **PATENTED  
PRODUCTS**

Patent No  
ZL 202230309627.0

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# MULTI-PURPOSE APPLICATIONS OF MILESTONE SERIES PROJECTOR LIGHT

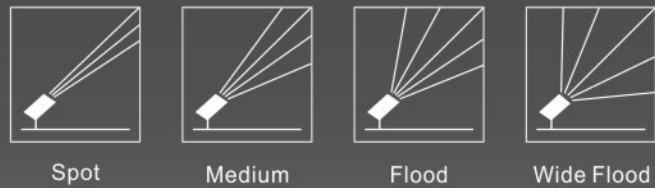
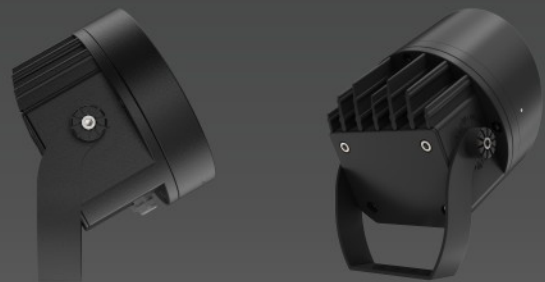


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Patent No  
ZL 202230309627.0

# LED PROJECTOR LIGHT D120

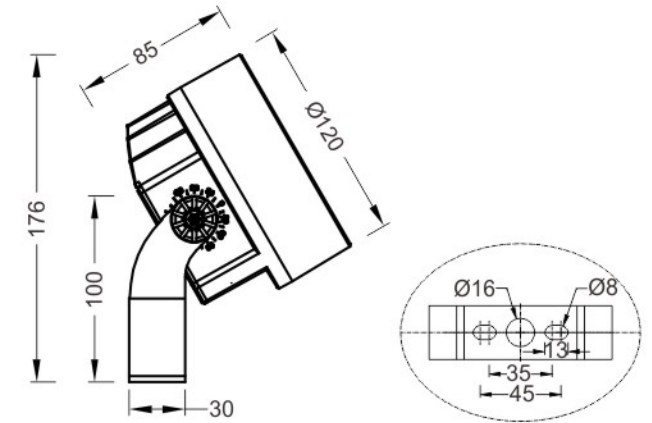


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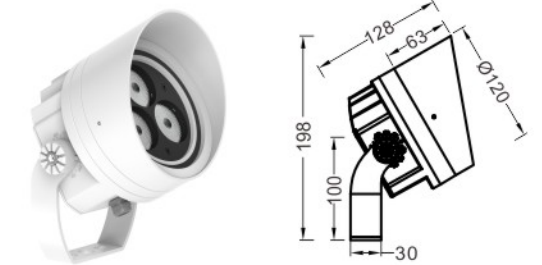
Without Hood



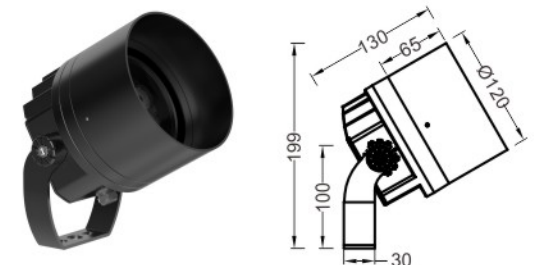
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D1200315A	15W/18W /20W/24W	3PCS	CREE/TYANSHINE	2700-6500K R/G/B	8°/12°/20°/24°/36° /60°/10°*30°	AC220-240V /AC110-240V /AC110-130V
BL-D1200315B	15-24W			2700-6500K R/G/B		
BL-D1200315C	15-24W			Tunable White		
BL-D1200332A	15-32W		TYANSHINE	RGB 3in1	25°/40°/60°	DC24V/DC36V /DC48V
BL-D1200332B	15-32W			RGBW 4in1		
BL-D1200324C	15-24W					

## Material Specifications

LED: CREE/TYANSHINE.  
 Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
 Adhesion of ISO class 1/ASTM class 48.  
 Gasket: Tooling shaped double silicone seal.  
 Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
 Working Temperature: -20 to 40°C.



With Aylundrical Hood Angle 70°



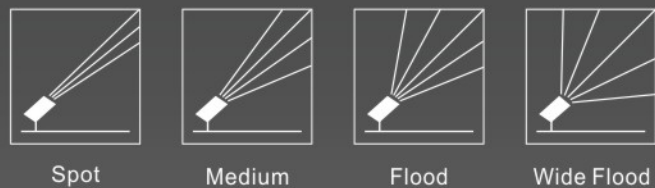
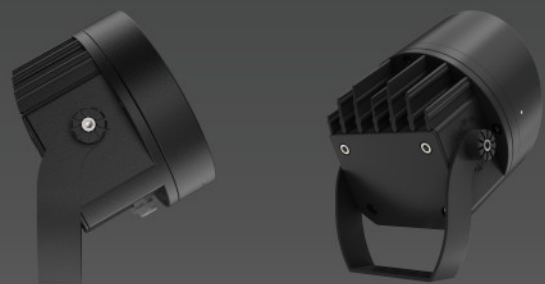
With Cylindrical Hood

## Features

- High colour rendering index
- Excellent thermal management
- Dimmable versions available
- EMC-optimised

LED PROJECTOR LIGHT

# LED PROJECTOR LIGHT D150

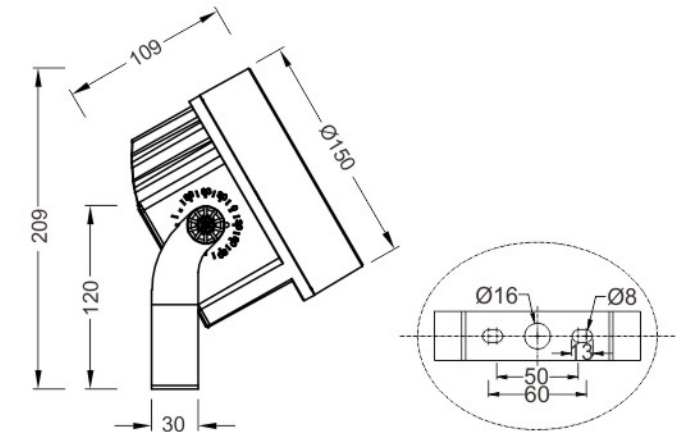


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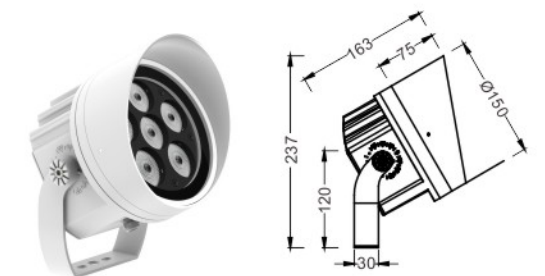
Without Hood



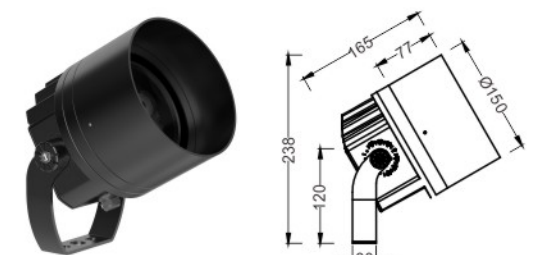
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D1500630A	30W/36W	6PCS	CREE/TYANSHINE	2700-6500K R/G/B	8°/12°/20°/24°/36° /60°/10°*30°	AC220-240V /AC110-240V /AC110-130V
BL-D1500630B	30W/36W					
BL-D1500630C	30W/36W		TYANSHINE	Tunable White	25°/40°/60°	DC24V/DC36V /DC48V
BL-D1500636	30-36W			RGB 3in1		
BL-D1500648	30-48W			RGBW 4in1		
BL-D1500630D	30W				RGBW 4in1	

## Material Specifications

LED: CREE/TYANSHINE.  
Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
Adhesion of ISO class 1/ASTM class 48.  
Gasket: Tooling shaped double silicone seal.  
Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
Working Temperature: -20 to 40°C.



With Aylindrical Hood Angle 70°



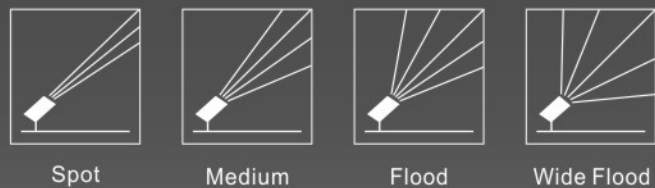
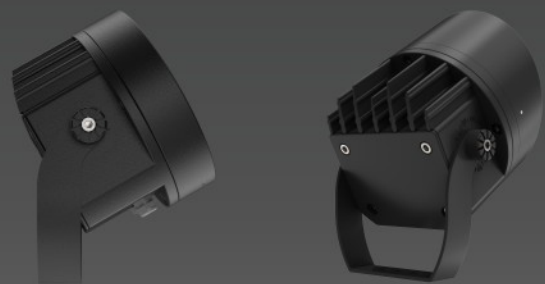
With Cylindrical Hood

## Features

- High colour rendering index
- Excellent thermal management
- Dimmable versions available
- EMC-optimised

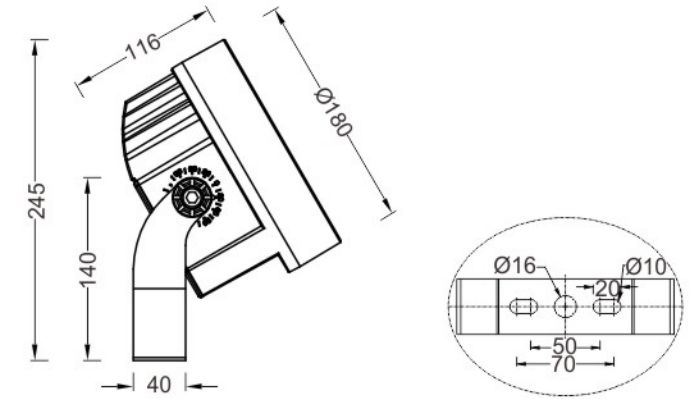
LED PROJECTOR LIGHT

# LED PROJECTOR LIGHT D180



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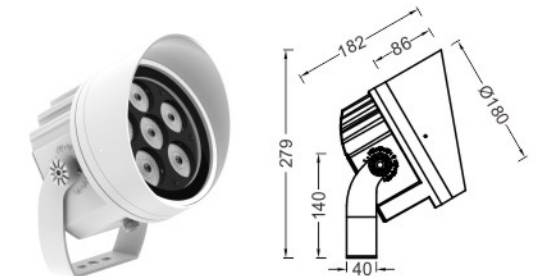


Without Hood

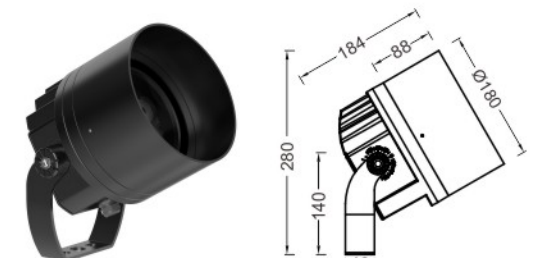
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D1800648	42W/48W/54W	6PCS	CREE/TYANSHINE	2700-6500K R/G/B	8°/12°/20°/24°/36° /60°/10°*30°	AC220-240V /AC110-240V /AC110-130V
BL-D1800642A	42-54W					DC24V/DC36V /DC48V
BL-D1800642B	42-54W					DC48V
BL-D1800642C	42-54W		TYANSHINE	Tunable White	25°/40°/60°	DC24V/DC48V
BL-D1800642D	42-70W			RGB 3in1		
BL-D1800642E	42-68W			RGBW 4in1		

## Material Specifications

LED: CREE/TYANSHINE.  
Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
Adhesion of ISO class 1/ASTM class 48.  
Gasket: Tooling shaped double silicone seal.  
Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
Working Temperature: -20 to 40°C.



With Aylundrical Hood Angle 70°



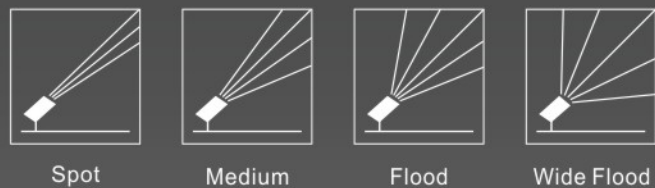
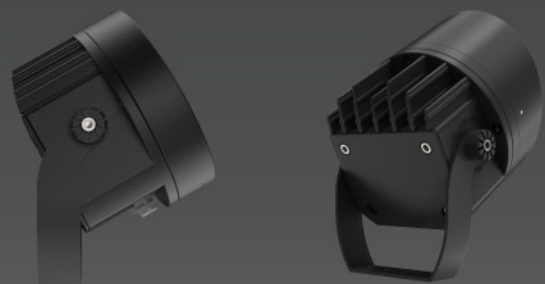
With Cylindrical Hood

## Features

High colour rendering index Excellent thermal management Dimmable versions available EMC-optimised

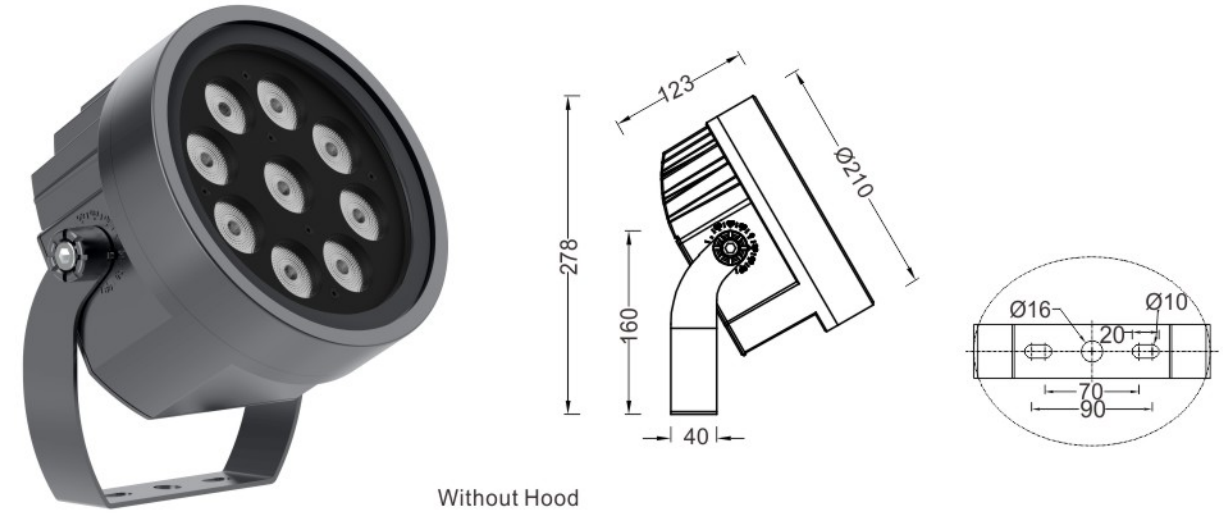


# LED PROJECTOR LIGHT D210



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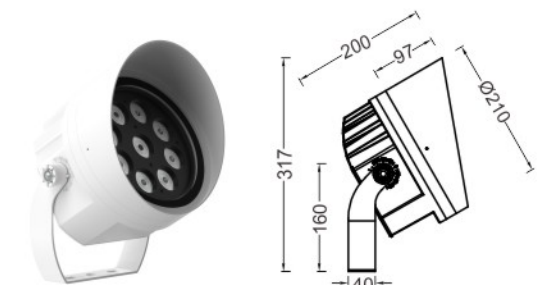
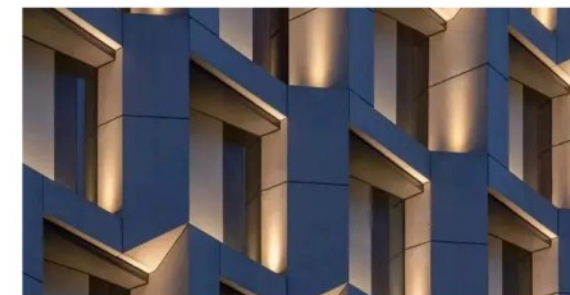


Without Hood

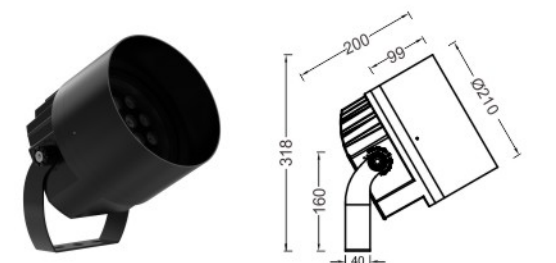
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D2100960	60W/72W	9PCS	CREE/TYANSHINE	2700-6500K R/G/B	8°/12°/20°/24°/36° /60°/10°*30°	AC220-240V /AC110-240V /AC110-130V
BL-D2100966A	66W/72W			2700-6500K R/G/B		
BL-D2100966B	66W/72W		TYANSHINE	Tunable White	25°/40°/60°	DC48V
BL-D2100972A	66W/72W			RGB 3in1		
BL-D2100972B	66W/72W			RGBW 4in1		
BL-D2100972C	72W-100W					

## Material Specifications

LED: CREE/TYANSHINE.  
 Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
 Adhesion of ISO class 1/ASTM class 48.  
 Gasket: Tooling shaped double silicone seal.  
 Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
 Working Temperature: -20 to 40°C.



With Aylundrical Hood Angle 70°



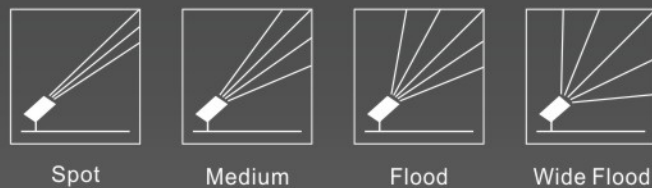
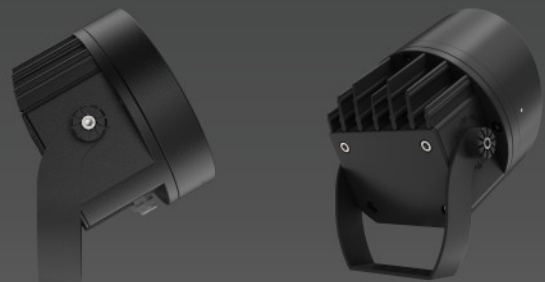
With Cylindrical Hood

## Features

- High colour rendering index
- Excellent thermal management
- Dimmable versions available
- EMC-optimised

LED PROJECTOR LIGHT

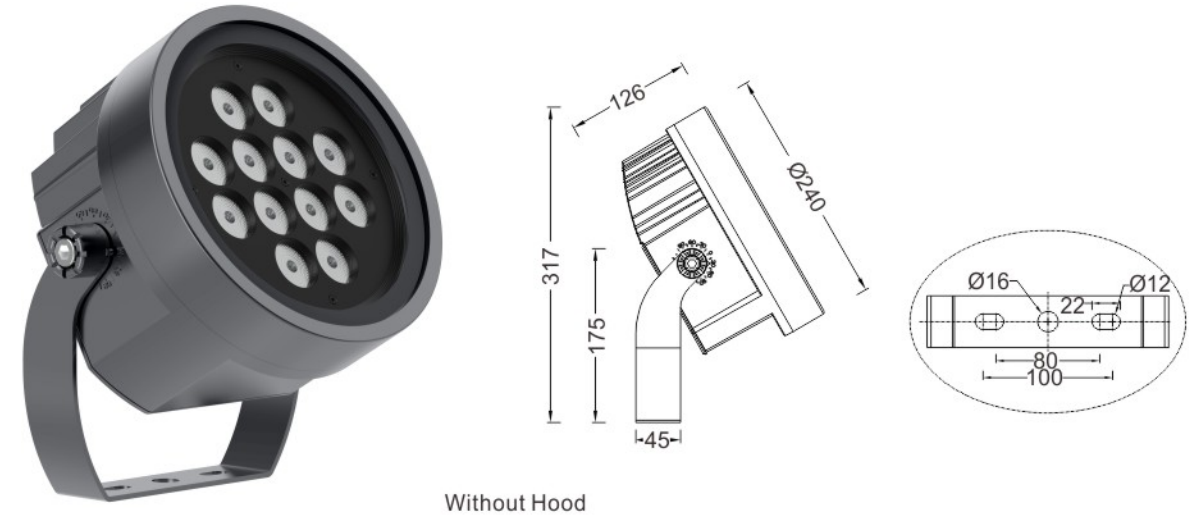
# LED PROJECTOR LIGHT D240



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BE A BRIGHT LIGHT TO THE WORLD

RGB 3 in 1   
 RGBW 4 in 1   
 MEAN WELL   
 CREE ⇄   
 DMX512   
 DC24V   
 AC220V   
 IP68 Connector   
 DALI/1-10V Triac/PWM   
 CRI>80/90   
 IP66   
 IK04

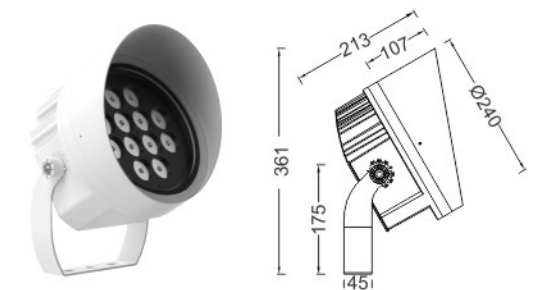


Without Hood

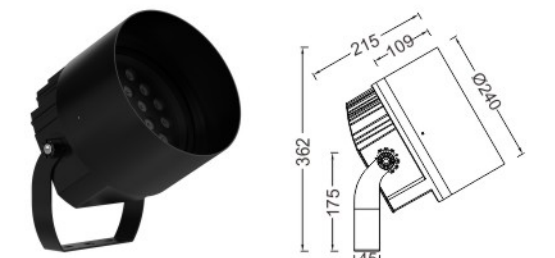
MODEL NO.	POWER	LED QTY.	LED BRAND	LED COLOR	BEAM ANGLE	INPUT VOLT
BL-D2401285A	80W/85W /100W	12PCS	CREE/TYANSHINE	2700-6500K R/G/B	8°/12°/20°/24°/36° /60°/10°*30°	AC220-240V /AC110-240V /AC110-130V
BL-D2401285B	85W/100W			2700-6500K R/G/B		
BL-D24012100A	85W/100W	12PCS	TYANSHINE	Tunable White	25°/40°/60°	DC48V
BL-D2401275	75W			RGB 3in1		
BL-D24012100B	85W/100W /120W			RGBW 4in1		
BL-D2401270	70W					
						AC110-240V

## Material Specifications

LED: CREE/TYANSHINE.  
 Housing: 12# Die-casting powder coated aluminum. T=60-80µm  
 Adhesion of ISO class 1/ASTM class 48.  
 Gasket: Tooling shaped double silicone seal.  
 Dimmable: Triac/Dali/0-10V/PWM/DMX512.  
 Working Temperature: -20 to 40°C.



With Aylindrical Hood Angle 70°



With Cylindrical Hood

## Features

- High colour rendering index
- Excellent thermal management
- Dimmable versions available
- EMC-optimised

LED PROJECTOR LIGHT

## MILESTONE

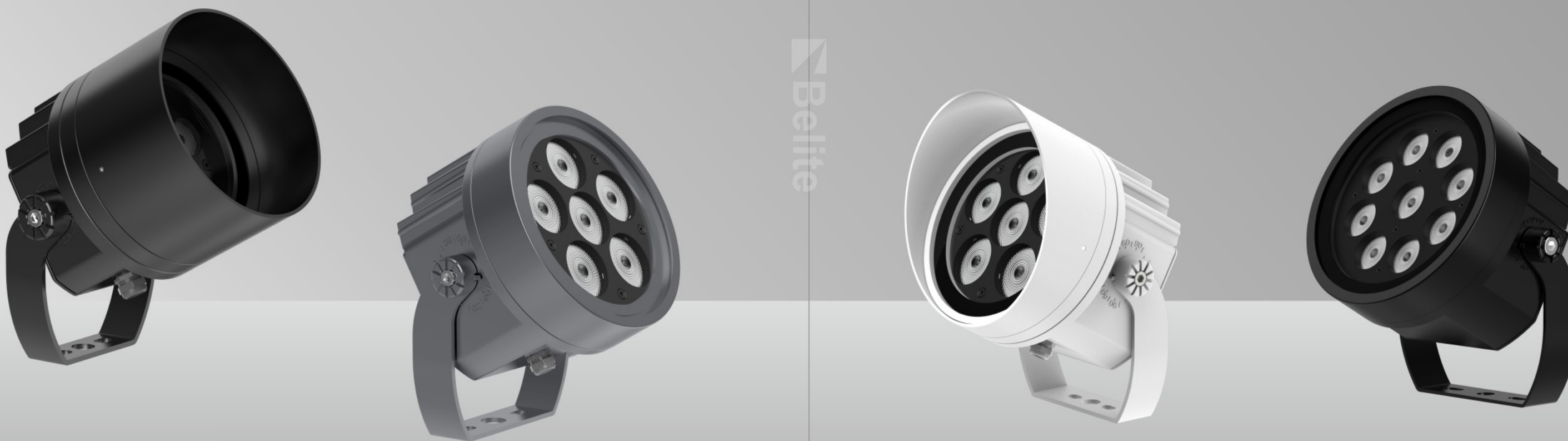
SPECIAL HOUSING DESIGNS AND HIGH-QUALITY OPTICAL COMPONENTS SPECIFICALLY FOR DEMANDING VISUAL TASKS TO PROVIDE ENHANCED VISUAL COMFORT. DISCREET AND COMPACT AESTHETICALLY DESIGNED ARCHITECTURAL OUTDOOR SPOTLIGHT, IDEAL FOR GLARE-FREE ACCENT LIGHTING, FLOODLIGHTING AND WALL WASHING IN THE OUTDOOR AREA.

LUMINAIRES WITH CREE COB OR XP-E/G LEDS PROVIDE EXCELLENT LIGHT QUALITY WITH HIGHLY PRECISE LIGHT DISTRIBUTION, FREE OF COLOUR SHIFTS AND DISTORTION, SPECIAL PCB LAYOUTS ENSURE THE LED MODULES ARE OPTIMALLY MATCHED TO THE OPTICAL SYSTEM OF THE LUMINAIRES. EMIT MORE THAN 90% OF THEIR INITIAL LUMINOUS FLUX UNTIL 50000 OPERATING HOURS.

CORROSION-RESISTANT ADC12 # DIE-CASTING ALUMINIUM BODY GIVES THE LUMINAIRE GOOD THERMAL CONDUCTIVITY, AND LARGE AREA CONNECTIONS BETWEEN THE REAR OF THE HOUSING AND THE LED'S PCB ENSURE GOOD HEAT CONDUCTION.

STAINLESS STEEL SCREWS, HIGH STRENGTH 4MM TOUGHENED GLASS >92% LIGHT TRANSMITTANCE, EXTREMELY NARROW TO WIDE BEAM OPTIONS, ROTATIONALLY SYMMETRIC LIGHT.

SPIKE/POLE//PLATE/ CEILING MOUNTING VERSION ALSO AVAILABLE.



Beilite

# MULTI-PURPOSE APPLICATIONS OF MILESTONE SERIES PROJECTOR LIGHT



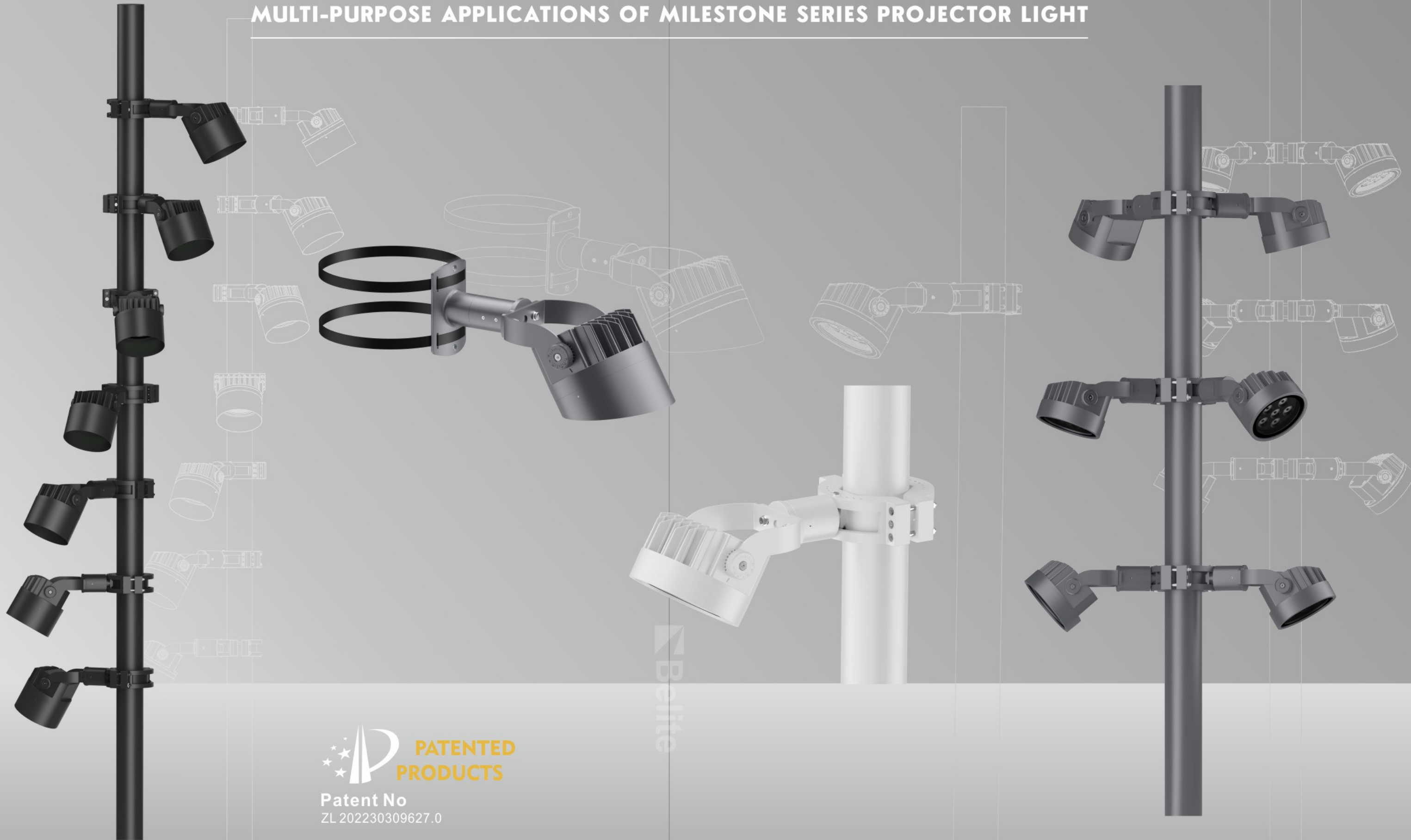
Beilite

 **PATENTED  
PRODUCTS**

Patent No  
ZL 202230309627.0

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# MULTI-PURPOSE APPLICATIONS OF MILESTONE SERIES PROJECTOR LIGHT



 **PATENTED  
PRODUCTS**

Patent No  
ZL 202230309627.0


Beite

## HOW TO PROCESS THE OUTDOOR LIGHTINGS INSTALLATION&CABLE CONNECTION CORRECTLY

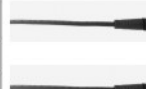
Outdoor lighting fixtures damaged by water and moisture entering through power & signal cable for incorrect wire connection is quite common according to test and research. Therefore, it is very important for outdoor lightings wire cable to be connected correctly during the installation process. To avoid water filtration, we recommended to use qualified installation accessories: IP68 CONNECTION CABLES & EXTENSION CABLES WITH MALE/FEMALE CONNECTOR, IP68 QUICK INSTALL WATERPROOF CONNECTOR ,IP68 QUICK INSTALL WATERPROOF JUNCTION BOX.

### IP68 RUBBER INPUT CABLE

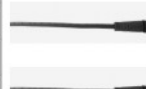
#### 2-PIN MONO COLOE IP68 INPUT POWER SUPPLY CABLE WITH FEMALE CONNECTOR

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
M12NL-G02-03M	VDE Certified Rubber Power Supply Cable H05RN-F 2X1.0mm <sup>2</sup> , With Female connector (1x Male conector), Nylon Insulated Solid Gold Plated Termina	2-PIN	300	
M12NL-G02-05M			500	
M12NL-G02-10M			1000	
M12NL-G02-15M			1500	
M12NL-G02-20M			2000	
M12NL-G02-30M			3000	


#### 3-PIN MONO COLOE IP68 INPUT POWER SUPPLY CABLE WITH FEMAL CONNECTOR

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
M12NL-G03-03F	VDE Certified Rubber Power Supply Cable H05RN-F 3X1.0mm <sup>2</sup> , With Female connector (1x Male conector), Nylon Insulated Solid Gold Plated Termina	3-PIN	300	
M12NL-G03-05F			500	
M12NL-G03-10F			1000	
M12NL-G03-15F			1500	
M12NL-G03-20F			2000	
M12NL-G03-30F			3000	

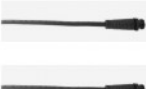
#### 3-PIN RGB/RGBW/RGBA IP68 INPUT SIGNAL SUPPLY CABLE WITH FEMAL CONNECTOR

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
HX-M12NL-G03-03F	VDE Certified Rubber Power Supply Cable H05RN-F 3X0.5mm <sup>2</sup> , With Female connector (1x Male conector), Nylon Insulated Solid Gold Plated Termina	3-PIN	300	
HX-M12NL-G03-05F			500	
HX-M12NL-G03-10F			1000	
HX-M12NL-G03-15F			1500	
HX-M12NL-G03-20F			2000	
HX-M12NL-G03-30F			3000	

#### 4-PIN RGB/ DIMMING MONO COLOR, IP68 EXTENSION SIGAL SUPPLY CABLE WITH FEMAL CONNECTOR

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
HX-M12NL-G04-03F	VDE Certified Rubber Power Supply Cable H05RN-FF 4*0.75mm <sup>2</sup> , With Female connector (1x Male conector), Nylon Insulated Solid Gold Plated Termina	4-PIN	300	
HX-M12NL-G04-05F			500	
HX-M12NL-G04-10F			1000	
HX-M12NL-G04-15F			1500	
HX-M12NL-G04-20F			2000	
HX-M12NL-G04-30F			3000	

### 5-PIN RGBW/RGBA ,IP68 EXTENSION SIGAL SUPPLY CABLE WITH FEMAL CONNECTOR




ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
HX-M12NL-G05-03F	VDE Certified Rubber Power Supply Cable H05RN-FF H05RN-F 2x1.0mm <sup>2</sup> +3x0.5mm <sup>2</sup> , With Female connector ( 1x Male conector), Nylon Insulated Solid Gold Plated Termina	5-PIN	300	
HX-M12NL-G05-05F			500	
HX-M12NL-G05-10F			1000	
HX-M12NL-G05-15F			1500	
HX-M12NL-G05-20F			2000	
HX-M12NL-G05-30F			3000	

### IP68" Y"CONNECTION CABLE





#### 2-PIN MONO COLOE CONNECTION CABLE WITH MALE/FEMALE CONNECTOR

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
YST-2-PIN	Main Input Power Cable Legnth:400MM H05RN-F2X1.0mm <sup>2</sup> ( Dia.:15MM) Sub-branch Input& Output Power Cable Length: 300MM H05RN-F2X1.0mm <sup>2</sup> ( Dia.:15MM,M12 Female+Male connector ) Nylon Insulated Solid Gold Plated Termina.	 	700	


#### 3PIN MONO COLOR CONNECTION CABLE WITH MALE/FEMALE CONNECTOR

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
YST-3-PIN	Main Input Power Cable Legnth:400MM H05RN-F 3X1.0mm <sup>2</sup> ( Dia.:15MM) Sub-branch Input& Output Power Cable Length:300MM H05RN-F 3X1.0mm <sup>2</sup> (Dia.:15MM,M12 Female+Male connector) Nylon Insulated Solid Gold Plated Termina.	 	700	

### DC24V 0-10V/DALI , IP68 CONNECTION CABLE

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
DC24V 0-10V/DALI , IP68 CONNECTION CABLE	Main Input Power Cable Legnth:400MM H05RN-F 4X0.5mm <sup>2</sup> ( Dia.:15MM) 1st&2nd Sub-branch Input& Output Power Cable Length: 300MM H05RN-F2X1.0mm <sup>2</sup> ( Dia.:15MM, M12 Female connector) 3rd Sub-branch Input Signal Cable Length: 300MM H05RN-F2X0.5mm <sup>2</sup> ( Dia.:15MM, M12 Male connector) Nylon Insulated Solid Gold Plated Termina.	  	700	





### AC 110V/ 220V DMX CONTROL SIGNAL CONNECTION CABLE IP68

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
AC 110V/ 220V DMX CONNECTION CABLE	Main Input Power Cable Legnth(400MM H05RN-F 4X0.5mm <sup>2</sup> ( Dia.:15MM) 1st&2nd Sub-branch Input& Output Power Cable Length: 300MM H05RN-F 3X0.5mm <sup>2</sup> ( Dia.:15MM,M12 Female+Male connector) Nylon Insulated Solid Gold Plated Termina.	 	700	

### DC24V DMX POWER& SIGNAL SUPPLY CONNECTION CABLE IP68




ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	
DC24V DMX POWER&SIGNAL SUPPLY CONNECTION CABLE	Main Input Power Cable Legnth:400MM H05RN-F 2 X1.0mm <sup>2</sup> + 4X0.5mm <sup>2</sup> ( Dia.:15MM) 1st&2nd Sub-branch Input& Output Power Supply Cable Length:300MM H05RN-F2X1.0mm <sup>2</sup> (Dia.:15MM, M20 Female+Male connector) 3rd&4th Sub-branch Input& Output Signal Sply Cable Length: 300MM H05RN-F 3X0.5mm <sup>2</sup> ( Dia.:15MM, M19 Female+Male connector) Nylon Insulated Solid Gold Plated Termina.	   	700	

**DC24V DMX POWER& SIGNAL SUPPLY CONNECTION CABLE IP68**




ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
DC24V DMX POWER& SIGNAL SUPPLY CONNECTION CABLE	Main Input Power Cable Legnth:Main Input Power Cable Legnth:400MM H05RN-F 4X0.5mm <sup>2</sup> (Dia.:15MM) 1st Sub-branch Input Power Suply Cable Length: 300MM H05RN-F2X1.0mm <sup>2</sup> (Dia.:15MM, M19 Male connector) 2nd&3rd Sub-branch Input& Output Signal Supply Cable Length: 300MM H05RN-F2X0.5mm <sup>2</sup> (Dia.:15MM, M19 Female+Male connector) Nylon Insulated Solid Gold Plated Termina.	  	700	

**IP68 RUBBER EXTENTION CABLE**

**2-PIN MONO COLOE IP68 EXTENSION POWER SUPPLY CABLE WITH MALE/FEMALE CONNECTOR**

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M12NL-G02-1FM	VDE Certified Rubber Power Supply Cable H05RN-F2X1.0mm <sup>2</sup> , With Male/Female connector(1x Male conector--1xFemale Connector),Nylon Insulated Solid Gold Plated Termina	2-PIN	1000	
M12NL-G02-3FM			3000	
M12NL-G02-5			5000	




**3-PIN MONO COLOE , IP68 EXTENSION POWER SUPPLY CABLE WITH MALE/FEMALE CONNECTOR**

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M12NL-G03-1FM	VDE Certified Rubber Power Supply Cable H05RN-F3X1.0mm <sup>2</sup> , With Male/Female connector(1x Male conector--1xFemale Connector), Nylon Insulated Solid Gold Plated Termina	3-PIN	1000	
M12NL-G03-2FM			3000	
M12NL-G03-3FM			5000	




**3-PIN RGB/RGBW/RGBA, IP68 EXTENSION SIGAL SUPPLY CABLE WITH MALE/FEMALE CONNECTOR**

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M12NL-G03-X1FM	VDE Certified Rubber Signal Supply Cable H05RN-F3X0.5mm <sup>2</sup> , With Male/Female connector (1x Male conector--1xFemale Connector), Nylon Insulated Solid Gold Plated Termina	3-PIN	1000	
M12NL-G03-X3FM			3000	
M12NL-G03-X5FM			5000	




















**4-PIN RGB/ DIMMING MONO COLOR, IP68 EXTENSION POWER+ SIGNAL SUPPLY CABLE WITH MALE/FEMALE CONNECTOR**

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M12NL-G04-1FM	VDE Certified Rubber Signal Supply Cable H05RN-F 4*0.75mm <sup>2</sup> , With Male/Female connector(1x Male conector--1xFemale Connector), Nylon Insulated Solid Gold Plated Termina	4-PIN	1000	
M12NL-G04-3FM			3000	
M12NL-G04-5FM			5000	







**5-PIN RGBW/RGBA IP68 EXTENSION POWER+ SIGNAL SUPPLY CABLE WITH MALE/FEMALE CONNECTOR**

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M12NL-G05-1FM	VDE Certified Rubber Signal Supply Cable H05RN-F 2x1.0mm <sup>2</sup> +3x0.5mm <sup>2</sup> , With Male/Female connector (1x Male conector--1xFemale Connector), Nylon Insulated Solid Gold Plated Termina	5-PIN	1000	
M12NL-G05-3FM			3000	
M12NL-G05-5FM			5000	

**IP68 QUICK INSTALL WATERPROOF CONNECTOR**

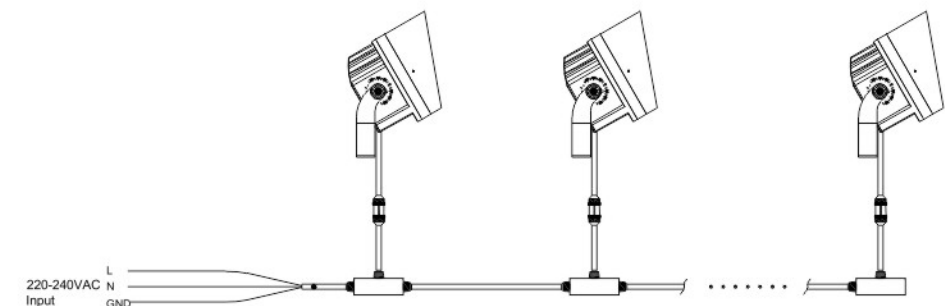
ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M16	Core number: 2Pin/3Pin, voltage: 450V, current 17.5a, square number of wire: 0.5mm <sup>2</sup> -1.5mm <sup>2</sup> , external diameter: 3.5-7mm, 7-10mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: Nickel-Plated Brass	 	2Pin	
			3Pin	
M25-3T/4T/5T	Core number: 3/4/5PIN, voltage: 450V, current: 40A, Square number of wire: 0.5mm <sup>2</sup> -6mm <sup>2</sup> , external diameter: 5-9mm, 9-12mm, 10-14mm, 14-18mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: Nickel-Plated Brass	  	3Pin	
			4Pin	
			5Pin	
M20	Core number: 3/4/5/6PIN, voltage: 450V, current: 24A, square number of wire: 0.5mm <sup>2</sup> -2.5mm <sup>2</sup> /0.3mm <sup>2</sup> -1.5mm <sup>2</sup> , outer diameter of wire 5-9mm, 9-12mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: Nickel-Plated Brass	   	3Pin	
			4Pin	
			5Pin	
			6Pin	
20T-3P	Core number: 2/3/4PIN, Voltage: 450V, current: 17.5a, square number of line: 0.5mm <sup>2</sup> -2.5mm <sup>2</sup> , external diameter: 5-9mm, 9-12mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: Nickel-Plated Brass	  	2Pin	
			3Pin	
			4Pin	
M20X	Core number: 2/3PIN, voltage: 450V, current: 24A, square number of wire: 0.5mm <sup>2</sup> -2.5mm <sup>2</sup> , external diameter: 5-9mm, 9-12mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: Nickel-Plated Brass	 	2Pin	
			3Pin	

**IP68 QUICK INSTALL WATERPROOF CONNECTOR**

ITEM NO	DESCRIPTION	PINS	CABLE LENGTH (mm)	IMAGE
M2068(XL)	Core number: 2/3PIN, voltage: 450V, current: 41A, Square number of wires: 0.5mm <sup>2</sup> -6mm <sup>2</sup> , external diameter: 5-9mm, 9-12mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: nickel-plated Brass	 	2Pin	
			3Pin	
EW-M2068(XL)	Core number: 2/3PIN, voltage: 450V, current 41A, square number of wire: 0.5mm <sup>2</sup> -6mm <sup>2</sup> , external diameter: 5-9mm, 9-12mm, 10-14mm, ambient temperature: -40°C-+105°C, waterproof grade: IP68, shell material: PA66, terminal material: Nickel-Plated Brass	 	2Pin	
			3Pin	

**Connection Demo**

220-240VAC



**Single Output Switching Power Supply, DC 12V/24V/36V/48V --MEAWELL**



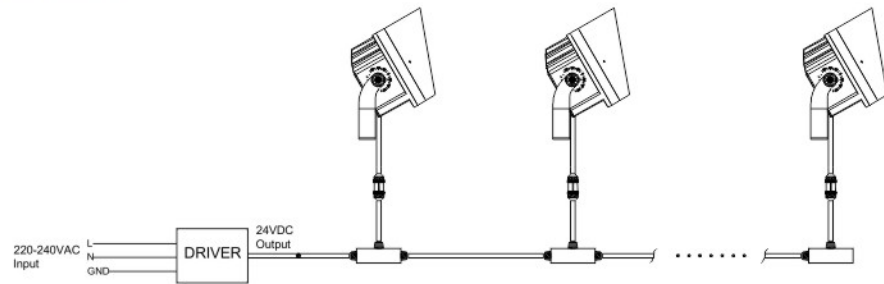
MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
ERP-200-24	180-264VAC	DC24V	200W	current: 8.33A output connection 7P (3P input and 4P output)
ERP-350-24	180-264VAC	DC24V	350W	current: 14.6A 9P (3P input and 6P output)
ERP-400-24	90-264VAC	DC24V	400W	current: 14.6A 9P (3P input and 6P output)

**XLG Constant Power Mode LED Driver, DC12/24V or L/H TYPES --MEAWELL, IP67**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
XLG-75-24-Blank	100-305VAC	DC12/24V	75W	current: 3.1A Output connection 5P (3P input and 2P output)
XLG-100-24-Blank	100-305VAC	DC12/24V	100W	current: 4A Output connection 5P (3P input and 2P output)
XLG-150-24-Blank	100-305VAC	DC12/24V	150W	current: 6.25A Output connection 5P (3P input and 2P output)
XLG-200-24-Blank	100-305VAC	DC12/24V	200W	current: 8.3A Output connection 5P (3P input and 2P output)

**Connection Demo 24VDC**



**PWM 3 IN 1 DIMMING ( DIM-TO-OFF)0~10VDC, 10V PWM SIGNAL& RESISTANCE, DALI/DALI-2, DC12/24/36/48V---MEAWELL, IP67**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
PWM-40-24	90-305VAC	DC24V	40W	current: 1.67A Output connection 4P (2P input and 2P output)
PWM-60-24	90-305VAC	DC24V	60W	current: 2.5a Output connection 6P (2P input and 4P output)
PWM-90-24	90-305VAC	DC24V	90W	current: 3.75a Output connection 6P (2P input and 4P output)
PWM-120-24	90-305VAC	DC24V	120W	current: 5a Output connection 6P (2P input and 4P output)
PWM-200-24	90-305VAC	DC24V	200W	current: 8.3a Output connection 6P (2P input and 4P output)

**ELG Constant Voltage + Constant Current LED Driver,3 IN 1 DIMMING ( DIM-TO-OFF) 0~10VDC, 10V PWM SIGNAL& RESISTANCE, SMART TIMMER DIMMING, DALI. DC24/36/42/48/54V--MEAWELL, IP67**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
ELG-75-24	100-305VAC	DC12/24/36/42/48V	75W	current: 3.15A Output connection 5P (3P input and 2P output)
ELG-100-24	100-305VAC	DC24/36/42/48/54V	100W	current: 4A Output connection 5P (3P input and 2P output)
ELG-150-24	100-305VAC	DC12/24/36/42/48/54V	150W	current: 6.25A Output connection 5P (3P input and 2P output)
ELG-200-24	100-305VAC	DC12/24/36/42/48/54V	200W	current: 8.4a Output connection 5P (3P input and 2P output)
ELG-240-24	100-305VAC	DC24/36/42/48/54V	240W	current: 10A Output connection 5P (3P input and 2P output)
ELG-300-24	100-305VAC	DC12/24V	300W	current: 12.5a 5P (3P input and 2P output)

**HLG Constant Voltage + Constant Current LED Driver,3 IN 1 DIMMING ( DIM-TO-OFF) 0~10VDC, 10V PWM SIGNAL& RESISTANCE, SMART TIMMER DIMMING. DC20/24/30/36/42/48/54V--MEAWELL, IP67**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
HLG-40H-24	90-305VAC	DC24V	40W	Output connection 5P (3P input and 2P output)
HLG-60H-24	90-305VAC	DC24V	60W	current: 2.5a Output connection 5P (3P input and 2P output)
HLG-80H-24	90-305VAC	DC12/24/36/42/48/54V	80W	current: 3.4a Output connection 5P (3P input and 2P output)
HLG-100H-24	90-305VAC	DC20/24/30/36/42/48/54V	100W	current: 4 a connection 5 p (3 p input and output 2 p)
HLG-120H-24	90-305VAC	DC12/15/20/24/30/36/42/48/54V	120W	current: 5 a connection 5 p (3 p input and output 2 p)
HLG-150H-24	90-305VAC	DC12/15/20/24/30/36/42/48/54V	150W	current: 6.3 a connection 5 p (3 p input and output 2 p)
HLG-185H-24	90-305VAC	DC12/15/20/24/30/36/42/48/54V	185W	current: 7.8 a connection 5 p (3 p input and output 2 p)
HLG-240H-24	90-305VAC	DC12/15/20/24/30/36/42/48/54V	240W	current: 10 a connection 5 p (3 p input and output 2 p)
HLG-320H-24	90-305VAC	DC12/15/20/24/30/36/42/48/54V	320W	current: 13.34 a connection 5 p (3 p input and output 2 p)
HLG-480H-24	90-305VAC	DC24/30/36/42/48/54V	480W	current: 20 a connection 5 p (3 p input and output 2 p)
HLG-600H-24	90-305VAC	DC12/15/20/24/30/36/42/48/54V	600W	current: 25 a connection 5 p (3 p input and output 2 p)

**0-10V 1-10V PWM 24VDC CONSTANT VOLTAGE DIMMIN DRIVER ---LTECH, IP20**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
LM-36-24-G1A2	200-280VAC	DC24V	36W	current: 1.5A output connection 8P (4P input and 4P output)
LM-60-24-U1A2	120-277VAC	DC24V	60W	current: 2.5A output connection 8P (4P input and 4P output)
LM-75-24-G1A2	220-240VAC	DC24V	75W	current: 3.125A output connection 8P (4P input and 4P output)
LM-100-24-G1A2	220-240VAC	DC24V	100W	current: 4.17A output connection 6P (2P input and 4P output)
LM-100-24-U1A2	120-277VAC	DC24V	100W	current: 4.13A output connection 8P (4P input and 4P output)
LM-150-24-G1A2	220-280VAC	DC24V	150W	current: 6.25A output connection 8P (4P input and 4P output)



**Leading edge (Triac), Trailing edge (ELV) and Push DIM. Intelligent LED Driver (DC 24VConstant Voltage)---LTECH, IP20**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
LM-36-24-G1T2	220-240VAC	DC24V	36W	Current: 1.5A Output connection 8P (4P input and 4P output)
LM-36-24-L1T2	108-132VAC	DC24V	36W	Current: 1.5A Output connection 8P (4P input and 4P output)
LM-60-24-L1T2	108-132VAC	DC24V	60W	Current: 2.5A Output connection 8P (4P input and 4P output)
LM-75-24-G1T2	220-240VAC	DC24V	75W	Current: 3.125A Output connection 8P (4P input and 4P output)
LM-150-24-G1T2	220-240VAC	DC24V	150W	Current: 6.25A Output connection 8P (4P input and 4P output)

**DALI-2 DT6/DT8, Push DIM/CCT Intelligent LED Driver (DC 24V Constant Voltage)---LTECH, IP20**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
LM-60-24-U2D2	120-277VAC	DC24V	60W	Current: 2.5A Output connection 6P (4P input and 2P output)
LM-75-24-G2D2	220-240VAC	DC24V	75W	Current: 3.125A Output connection 6P (4P input and 2P output)
LM-100-24-U2D2	120-277VAC	DC24V	100W	Current: 4.17A Output connection 6P (4P input and 2P output)
LM-100-24-G2D2	220-240VAC	DC24V	100W	Current: 4.17A Output connection 6P (4P input and 2P output)
LM-150-24-G2D2	200-280VAC	DC24V	150W	Current: 6.25A Output connection 6P (4P input and 2P output)

**0-10V PWM Intelligent LED Driver (DC 24VConstant Voltage) ---EUCHIPS, IP67**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
UWP75A-1M24V	100-240VAC	DC24V	75W	current: 3.13A Output connection: 7P (5P input and 2P output)
UWP100A-1M24V	100-240VAC	DC24V	100W	current: 4.17A Output connection: 7P (5P input and 2P output)
UWP150A-1M24V	100-240VAC	DC24V	150W	current: 6.25A Output connection: 7P (5P input and 2P output)

**Leading edge (Triac), Trailing edge (ELV) Intelligent LED Driver (DC 24VConstant Voltage)---EUCHIPS, IP65**



MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
MWS320T-1H24V	220-240VAC	DC24V	320W	current: 13.3a Output connection: 5P (3P input and 2P output)

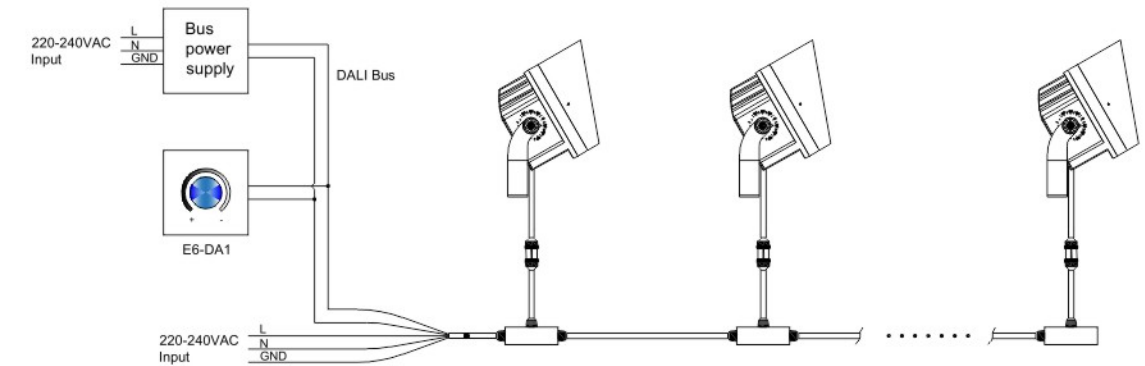
**DALI, Push DIM Intelligent LED Driver (DC 24VConstant Voltage) ----EUCHIPS, IP67**



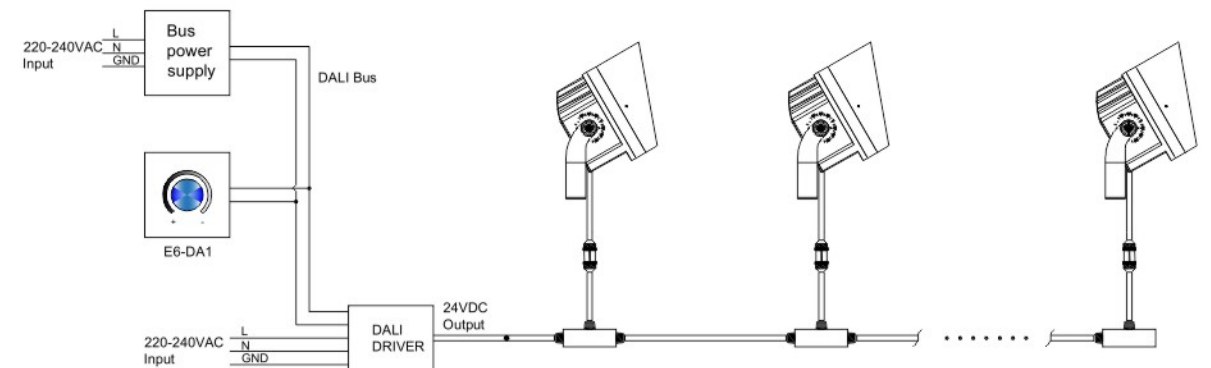
MODEL NO.	INPUT	OUTPUT	POWER	FUNCTION
UWP75D-1M24V	220VAC-240VAC	DC24V	75W	Current: 3.1A Output connection 6P (2P input and 4P output)
UWP100D-1M24V	110VAC-240VAC	DC24V	100W	Current: 4.17A Output connection 6P (2P input and 4P output)
UWP150D-1M24V	110VAC-240VAC	DC24V	150W	Current: 6.25A Output connection 6P (2P input and 4P output)
EUP150D-1W24V-0110VAC-240VAC	110VAC-240VAC	DC24V	150W	Current: 6.25A Output connection 7P (3P input and 4P output)
UWP240D-1M24V	110VAC-240VAC	DC24V	240W	Current: 10A Output connection 6P (2P input and 4P output)

**Connection Demo**

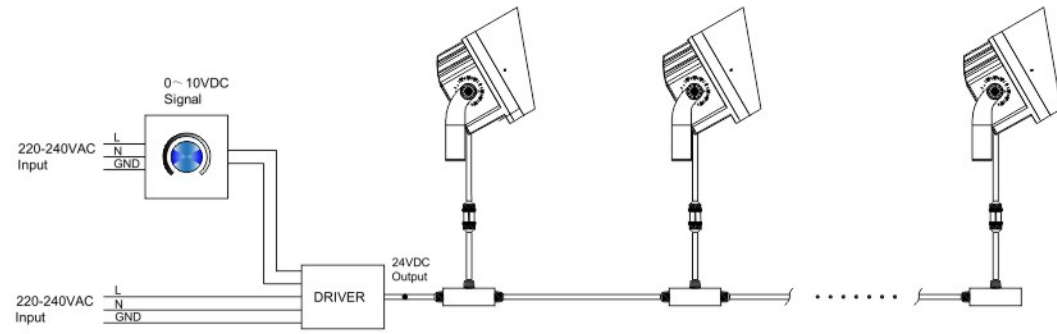
220-240VAC DALI



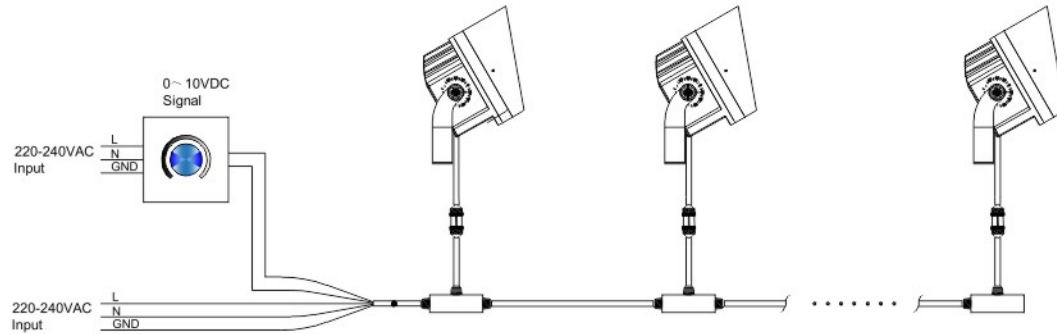
24VDC DALI



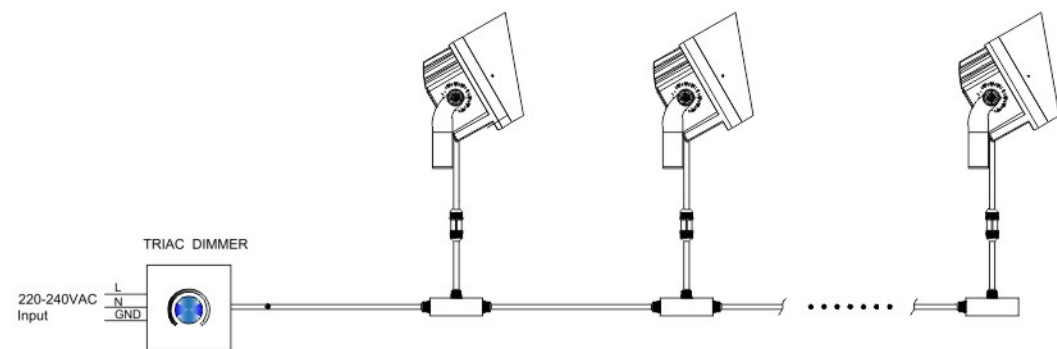
24VDC 0~10V single



220VAC 0~10V single



TRIAC



DMX512 手持编址器

SYSTEM FEATURES

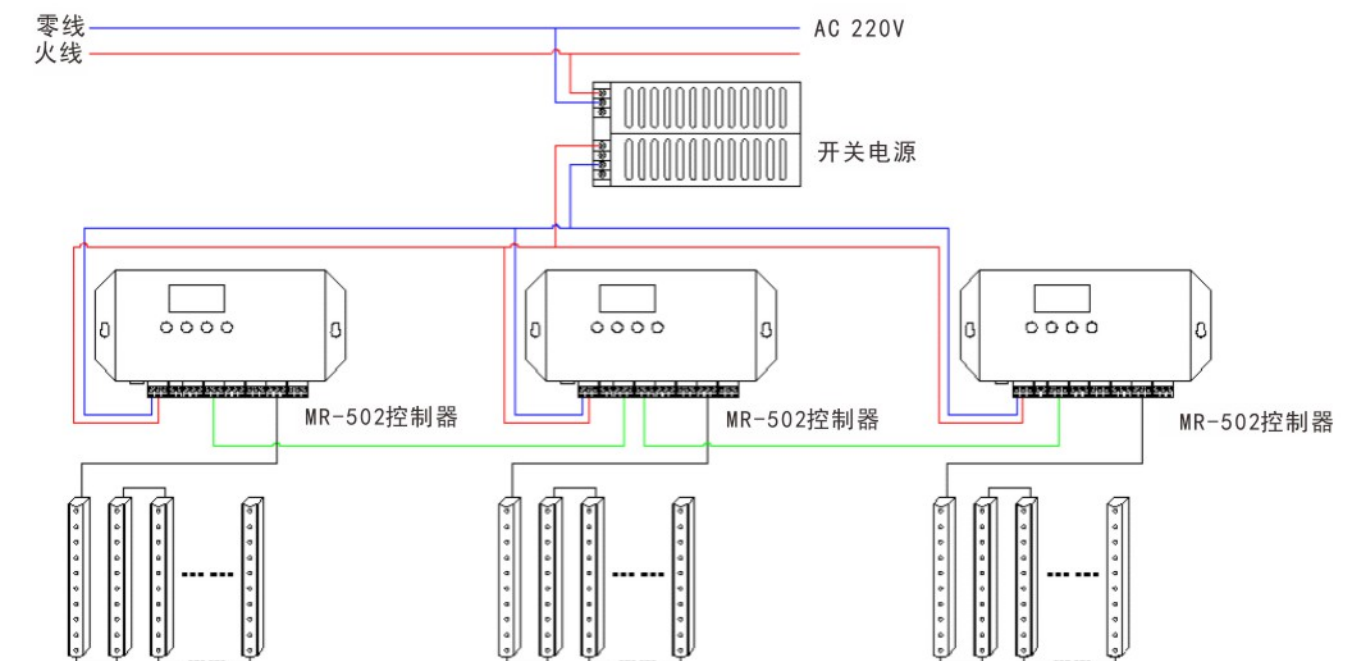
1. 可设置编址器的带载通道数量、波特率、播放速度、颜色数等设备参数；
2. 支持多种DMX512芯片的编址，可指定起始通道、单个芯片的带载通道、及灯具编号，并通过自动/手动测试模式来验证编址情况
3. 设备内置多种测试动画效果，如多种颜色渐变、自动/手动跑点、整体渐变等效果；
4. 具备SD卡槽，支持SD卡存储动画数据，并可指定某个播放场景，可对播放速度进行调整；
5. 可模拟DMX512控制台，可针对DMX512通道中1~512通道任意发送通道数据，可作为简易DMX512控制台来使用
6. 支持标准RDM协议，可对RDM灯具进行搜索、静态检测、通过UID编写DMX512地址等功能；
7. 支持对DMX05芯片进行参数设置、电流输出调整、亮度调整，及固件升级；
8. 具备色盘取色功能，可在调色盘中选中某个色值进行控制，并支持多种四色模式；
9. 具备1端口DMX512信号输出，其编址信号兼容支持差分信号模式；
10. 自带4480mAh容量的锂电池作为供电电源，并支持Micro-B型USB接口（常规android手机供电USB端口）供电。



TECHNICAL PARAMETER

Rated Voltage	DC5.0V, Max 2.0A
Signal Type	DMX512/DMX512-A/RDM
Length	132mm
Width	87mm
Height	33mm

CONTROL DIAGRAM



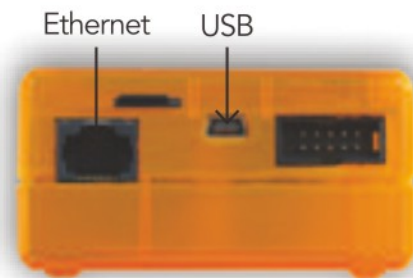
## Sunlite Suite 2 COMPUTERIZED LIGHTING CONTROLLER

### SYSTEM FEATURES

1. DMX512信号解码, 单PC支持连接多个USB-DMX解码, 输出稳定;
2. USB-BOX具有标准3×DMX512输出 (1536个通道);
3. 单台PC软件配备30个DMX域, 可扩展至30×DMX512输出;
4. 配备以太网通信连接, 可用Windows, IOS或Andriod平板或手机远程连接操作;
5. 配备有SD记忆功能的存储器, 可脱离电脑独立工作;
6. 电脑3D舞台建立, 实现电脑3D效果与现场灯光同步的实时显示效果;
7. 将音乐和灯光效果同步起来制作灯光秀;
8. 可创建自己的灯库或对现存的灯库进行修改;
9. 内置带效果场景
10. 3D灯光效果的AVI导出;



Take full control of your lighting from your smartphone or tablet, whether it is to position your lighting on the stage or to design a simple user interface for a bar owner. Easy Remote allows you to remotely control Sunlite Suite 2 over WiFi from your iPhone, iPad or Android device. The Easy Remote app is available for free and can be used on many devices simultaneously allowing you to build a full wireless control solution!



### PROGRAM WIRELESS

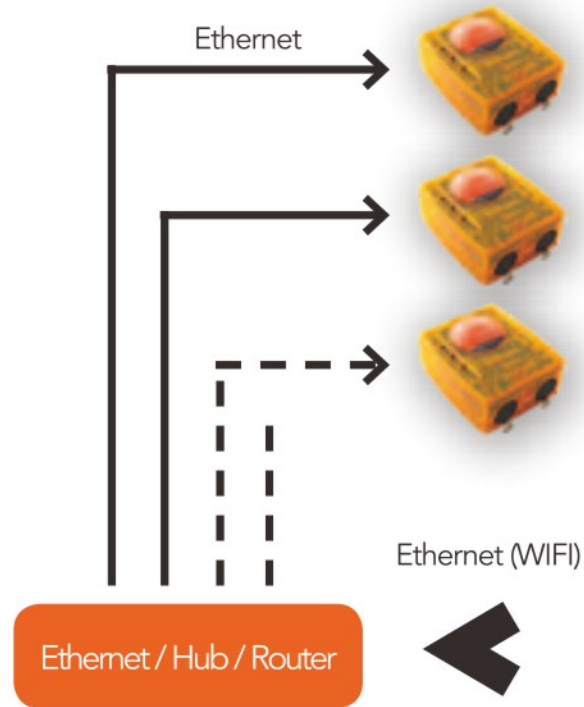
Without the need of a USB connection, lighting can be programmed remotely over WiFi.

### SYNCHRONIZE

Connect several interfaces to a router, enabling synchronized control of many universes in both Live and Stand-Alone.

### PORTABLE CONTROL

Trigger a Stand-Alone show from an iPhone, iPad or Android device.



## MR-228DW 联机or脱机8口分控器

### SYSTEM FEATURES

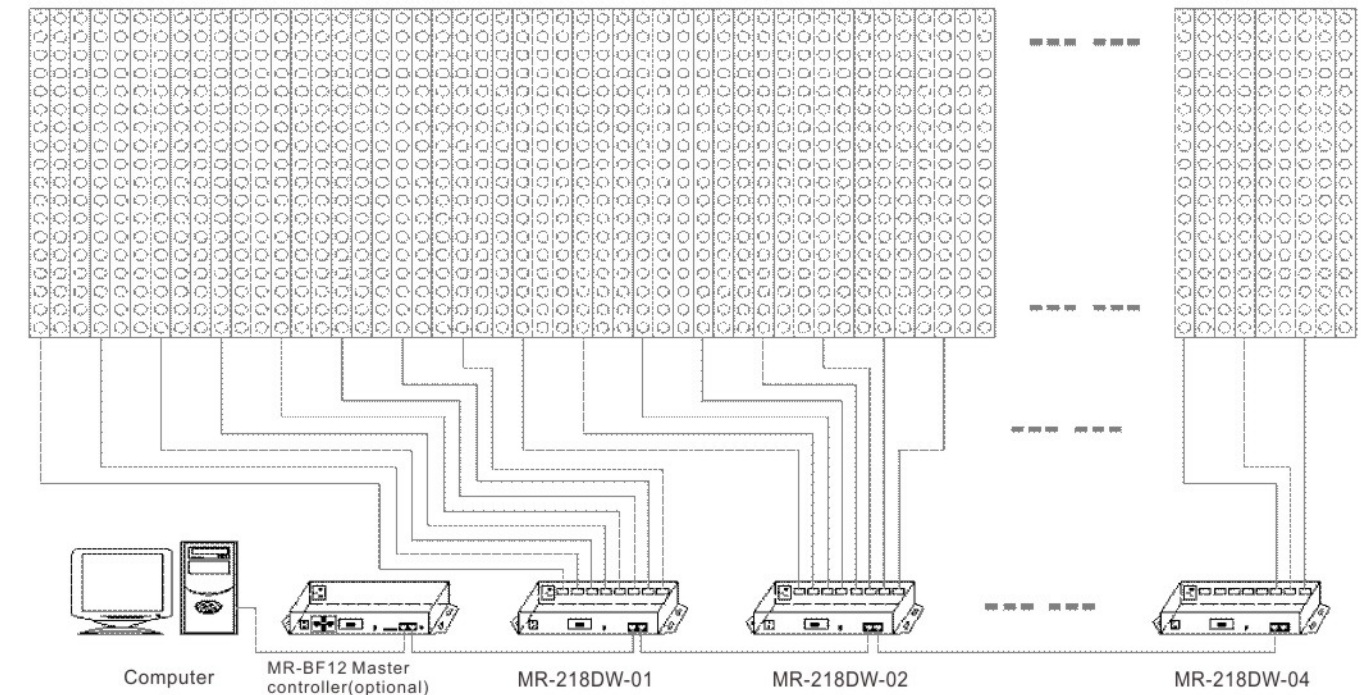
1. MR-218DW Supports standard DMX512/1990 USITT general protocol and extended DMX512 protocol;
2. Controller signal output ADRI/PO terminal can achieve DMX512 channel automatic addressing, Support DMX512AP-N / NB, UCS512, MY7221, WS2821 and other driver chips;
3. MR-218DW Controller addressing signal output compatible differential signals output, Improve the addressing signal transmission distance, in favor of the project application for long distance transmission and effective addressing;
4. Three-color independent brightness control, precise adjust the white balance is more simple and effective;
5. Precision gamma correction algorithm, More in line with the human visual characteristics, color is more exquisite and rich;
6. Maximum support 120 change frame frequency to ensure that the screen high-definition display and 3D display needs;
7. Using the Ethernet interface and UDP network protocol transmission stability, he maximum transmission distance is 100m;
8. LCD display module, to timely display the controller parameters and state;
9. Dual-network interface, which can realize cascade connection between controllers and automatic inspection of the controller, and the connection status is displayed intuitively through the software;
10. 8-port output, single port output is standard 512-channel, expand protocol load points by client basis chip characteristics self-testing;
11. Support dual-way backup, the display will not be influenced if a controller is broken or the network cable is disconnected.;
12. Can set self-adapting 1000Mbps/ 100Mbps or forced 100Mbps , to guarantee stability of large project.;



### TECHNICAL PARAMETER

Rated voltage	AC100V ~ 240V
Rated power	15W
Length	283mm
Width	134mm
Height	45mm
Spacing of fixing holes	268mm;68 mm
Standard accessories	AC power cord × 1

### CONTROL DIAGRAM



## MR-328DW 联机or脱机一体式8口控制器

### SYSTEM FEATURES

- 1.MR-328DW Supports standard DMX512/1990 USITT general protocol and extended DMX512 protocol;
- 2.Controller signal output ADRI/PO terminal can achieve DMX512 channel automatic addressing, Support DMX512AP-N / NB, UCS512, MY7221, WS2821 and other driver chips;
- 3.MR-328DW Controller addressing signal output compatible differential signals output, Improve the addressing signal transmission distance, in favor of the project application for long distance transmission and effective addressing;
- 4.The system supports automatic, regular, preset programs play;
- 5.Precise gamma correction algorithm. It better conforms to the visual photographic characteristics of the human body, and the display color is more sufficient and rich, so as to perfectly reflect the animation or video effects of the designer;
- 6.Support 120-frame frequency at most, to guarantee demands for HD display and 3D display of the image;
- 7.The controller is equipped with keys and External Remote Control; the episode selection, overall brightness adjustment, white balance adjustment and playback speed adjustment etc.
- 8.LCD display module, to timely display the controller parameters and state;
- 9.32-65536 grade gray control, can restore the true image color and detail;
- 10.Support for four-color lighting: Energy saving and environmental protection, pure color;
- 11.SD card storage, support maximum 32G, preset maximum 255 program files;
12. Support remote online download and offline program update;
- 13.The built-in animation test program may help customer to debug and apply in project;



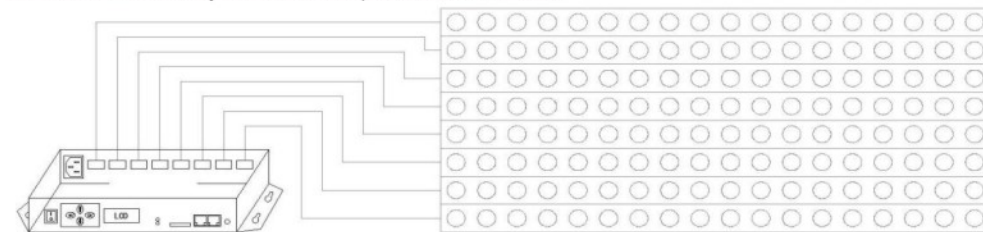
### TECHNICAL PARAMETER

Rated voltage	AC100V ~ 240V
Rated power	15W
Length	283mm
Width	134mm
Height	45mm
Spacing of fixing holes	268mm;68 mm
Standard accessories	Remote control×1 /SD card×1 /AC power cord×1

### CONTROL DIAGRAM

#### Offline Mode

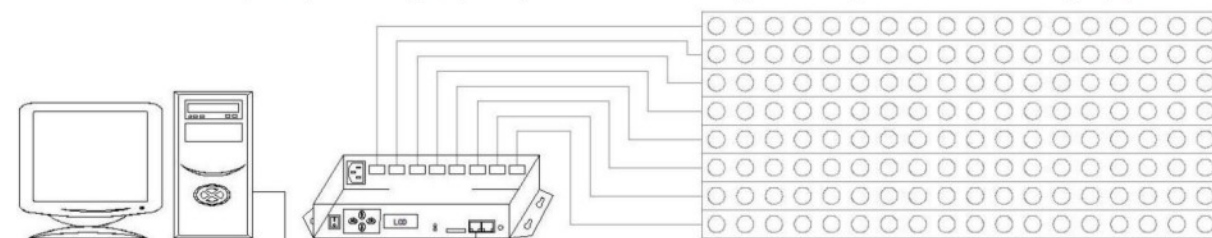
Offline mode directly load with lamps, as shown below:



MR-328DW

#### Online/Offline Integrated model

Connected to the computer ( Online signal priority. Automatic switching off line signal without online signal), as shown below:



Computer (optional)

MR-328DW

## MR-BF12B DVI视频主控器

### SYSTEM FEATURES

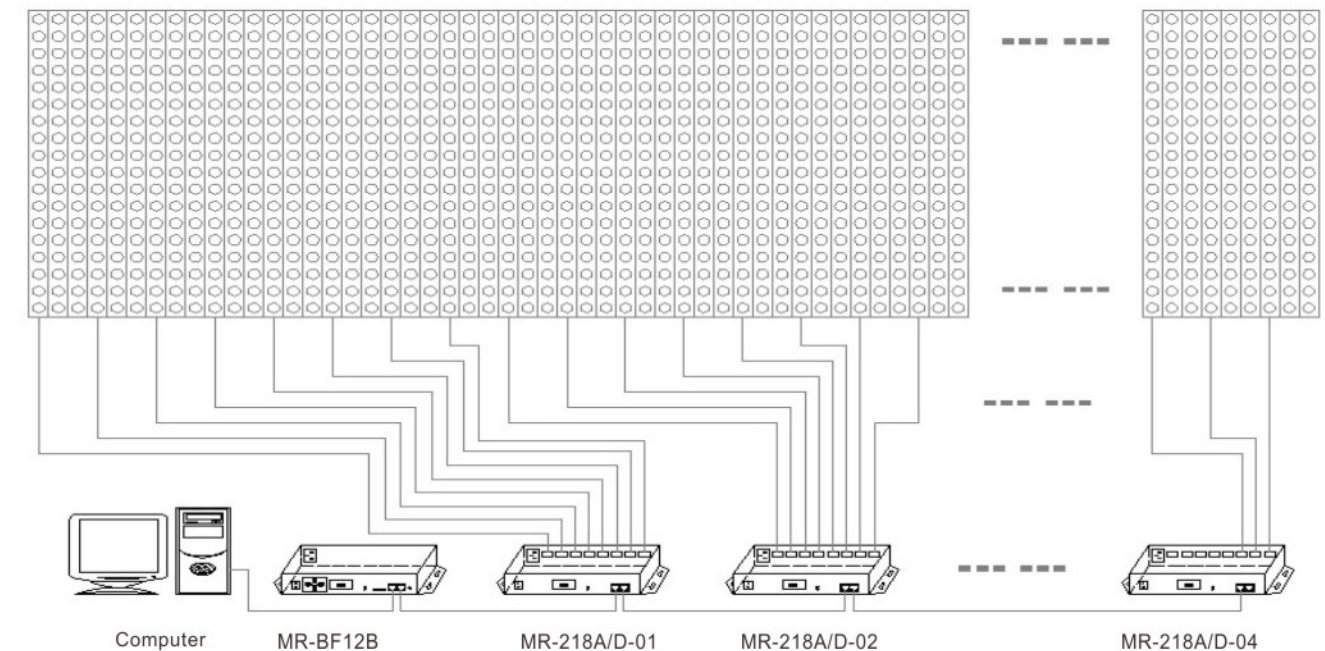
- 1.The system may support 150,000 points in offline. It may meet project needs of clients.
- 2.The system supports automatic, regular, preset programs play.
- 3.The controller is equipped with keys and External Remote Control; the episode selection, overall brightness adjustment, white balance adjustment and playback speed adjustment etc.
- 4.Support offline one key fixed; clearing sub-controller ID number; it is convenient to use on field.
- 5.Support switch parallel program; reduce system cascade chain length; improve stability.
- 6.Support dual backup; Failure of one controller and net wire broken will not influence operation.
- 7.Tricolor independent brightness control may adjust white balance precisely, simple and effectively.
- 8.Support four-color lighting: energy saving, environmental and pure color.
- 9.Adopt Ethernet interface and UDP network protocol, the maximum transmission distance is 100 meters.
- 10.The LCD display module timely display the controller parameters and status.
- 11.SD card storage, support maximum 32G, preset maximum 255 program files.
- 12.Support remote online download and offline program update of multiple offline host controllers.
- 13.The built-in animation test program may help customer to debug and apply in project.
- 14.Support mixture of different type lamps and different protocols lamps (including DMX512 lamps), strong compatibility.



### TECHNICAL PARAMETER

Rated voltage	AC100V ~ 240V
Rated power	15W
Length	283mm
Width	134mm
Height	45mm
Spacing of fixing holes	268mm;68 mm
Standard accessories	Remote control×1 /SD card×1 /AC power cord×1

### CONTROL DIAGRAM



Computer

MR-BF12B

MR-218A/D-01

MR-218A/D-02

MR-218A/D-04

## MR-BF14W Wi-Fi通讯视频播放主控器

### SYSTEM FEATURES

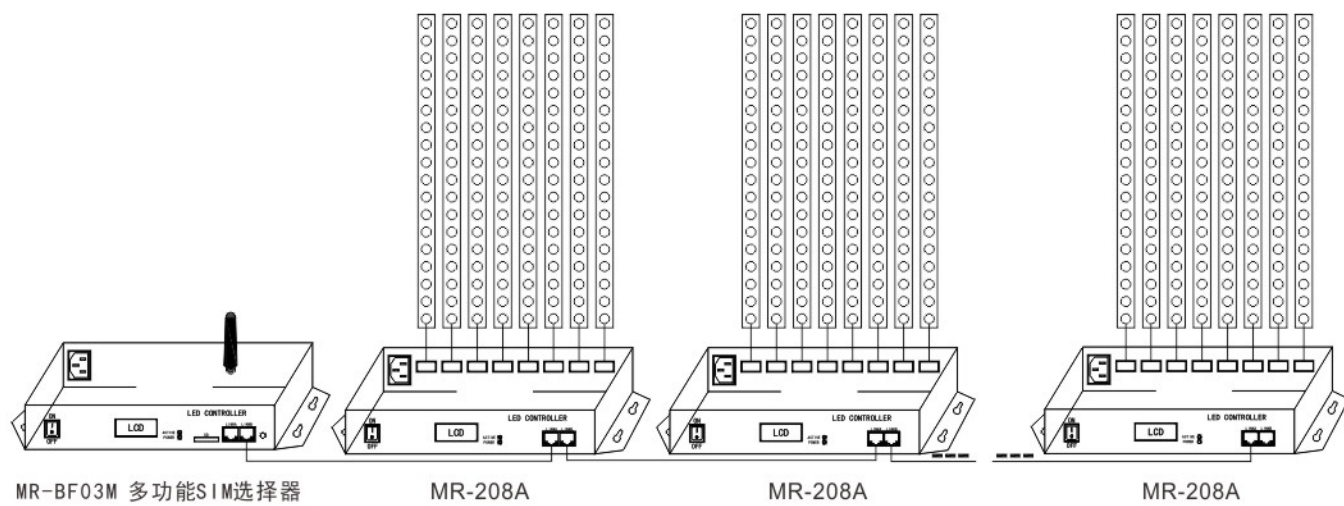
1. 带载量最大支持15万像素点，极大满足客户项目的需求；
2. 基于Wifi通讯发送远程控制指令，可调节节目片断、播放速度及亮度调整等功能；
3. 系统支持自动，定时，节日预设效果播放；
4. 标配按键和外配遥控器，可实现节目片段选择、整体亮度调整、白平衡调整、播放速度调整等；
5. 支持脱机一键固定、清除分控ID编号，方便现场运用；
6. 支持交换机并联方案：减少系统级联链长度提高稳定性；
7. 支持环路备份，一个控制器坏或者网线断显示不受影响；
8. 三基色独立亮度控制，使精确调整白平衡更加简单有效；
9. 支持四色灯具：节能环保，色彩纯正；
10. 采用以太网接口和UDP网络协议传输稳定，最大传输距离100米；
11. LCD显示模块可显示控制器参数及状态；
12. SD卡存储，最大可支持32G，最多可预设99个节目文件；
13. 内置动画测试程序，方便客户在项目中调试和应用；
14. 可支持不同类型灯具以及不同协议灯具混用，兼容性强。
15. 基于Android平台与无线路由器来实现无线遥控。
16. 调色板独立控制，调试、演示方便快捷。

### TECHNICAL PARAMETER

Rated voltage	AC100V ~ 240V
Rated power	15W
Length	286mm
Width	155mm
Height	45mm
Spacing of fixing holes	267mm;67.5mm



### CONTROL DIAGRAM



手机（安卓系统）

## MR-BF23S GPS卫星同步主控器

### SYSTEM FEATURES

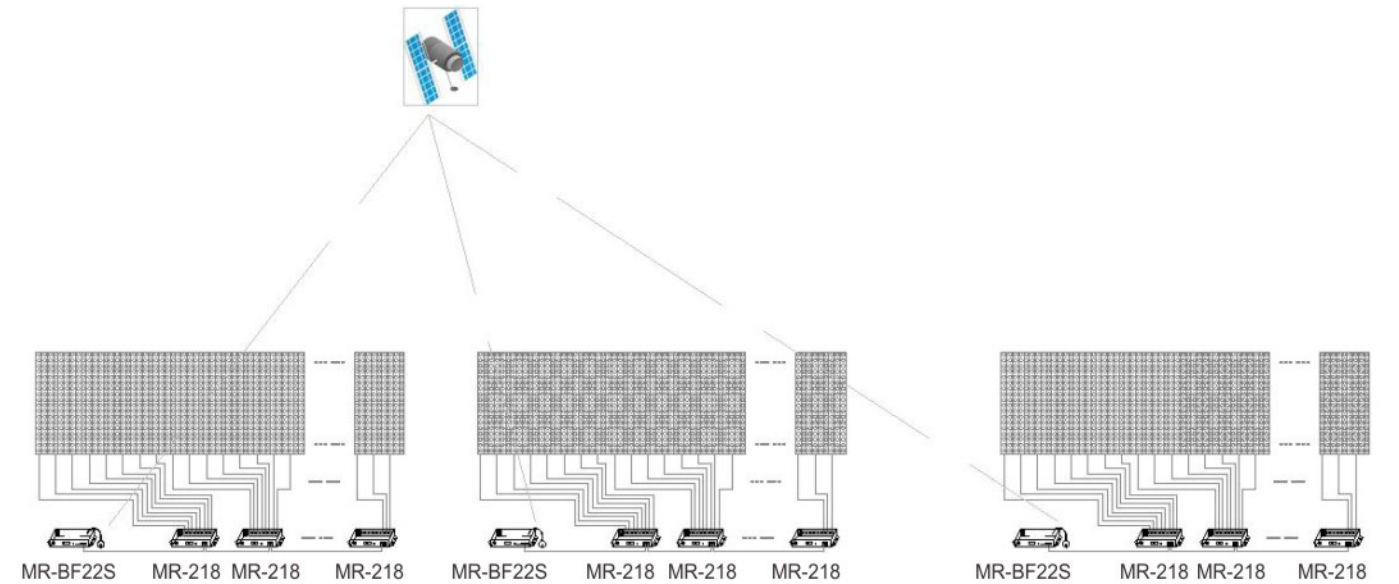
1. 带载量最大支持 15 万像素点，极大满足客户项目的需求；
2. 通过接收卫星信号可实现多台控制器间全球同步，满足客户在多层宇间无法连线的情况下实现多台控制器同步的需求；
3. 系统支持自动，定时，节日预设效果播放；
4. 控制器带按键和外配遥控器，可实现节目片段选择、整体亮度调整、白平衡调整、播放速度调整等；
5. 支持脱机一键固定、清除分控 ID 编号，方便现场运用；
6. 支持 DMX512AP-N/NB、UCS512、TM512、WS2821 等驱动芯片脱机写地址；
7. 支持交换机并联方案：减少系统级联链长度提高稳定性；
8. 支持双路备份，一个控制器坏或者网线断显示不受影响；
9. 三基色独立亮度控制，使精确调整白平衡更加简单有效；
10. 支持四色灯具：节能环保，色彩纯正；
11. 采用以太网接口和 UDP 网络协议传输稳定，最大传输距离 100 米；
12. LCD 显示模块及时显示控制器参数及状态；
13. SD 卡存储，控制器最大可支持 32G，最多可预设 99 个节目文件；
14. 支持多台脱机主控远程在线下载、更新脱机节目；
15. 内置动画测试程序，方便客户在项目中调试和应用；
16. 可支持不同类型灯具以及不同协议灯具混用，兼容性强。



### TECHNICAL PARAMETER

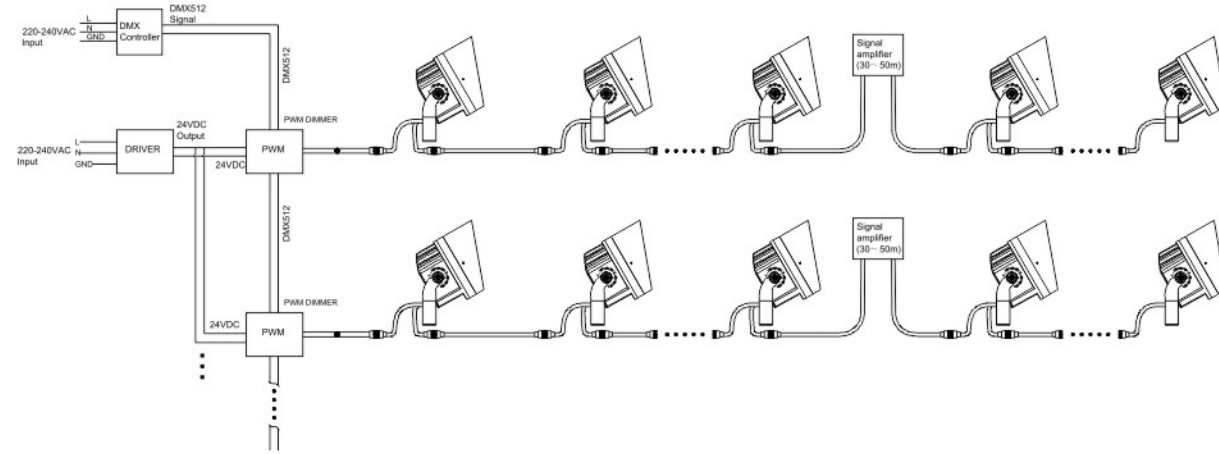
Rated voltage	AC100V ~ 240V
Rated power	15W
Length	286mm
Width	155mm
Height	45mm
Spacing of fixing holes	267mm;67.5mm

### CONTROL DIAGRAM

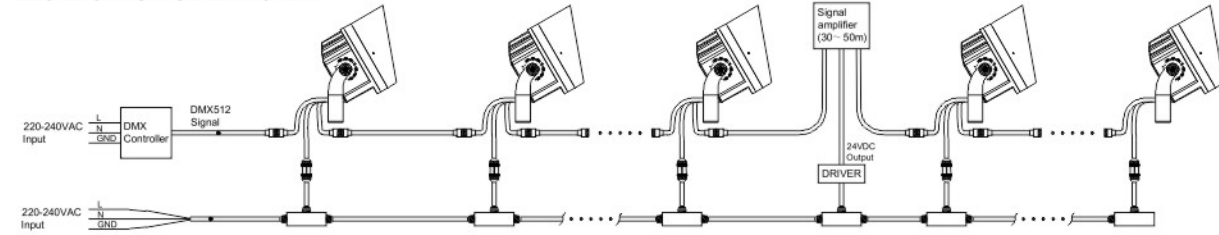


Connection Demo

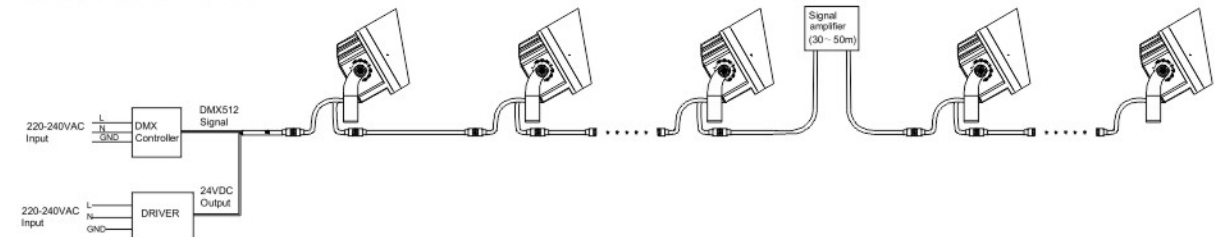
24VDC RGB DMX512 PWM



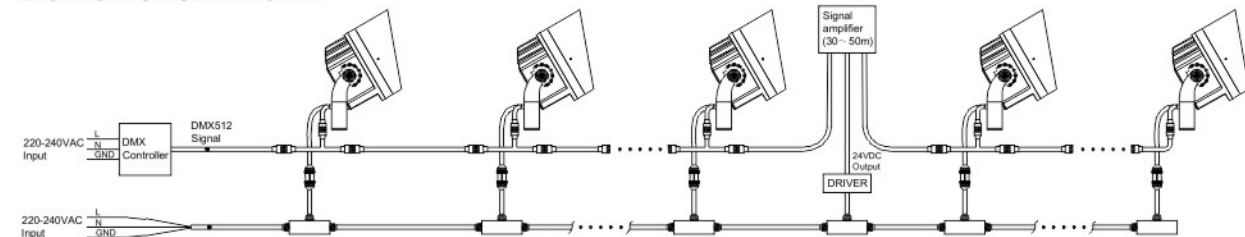
220-240VAC RGB DMX512 A



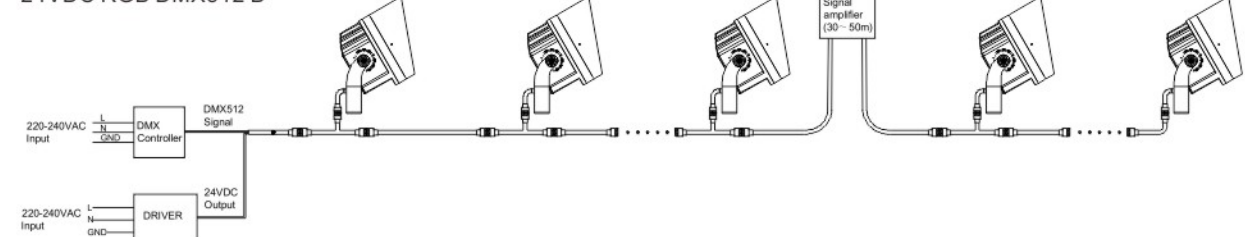
24VDC RGB DMX512 A



220-240VAC RGB DMX512 B



24VDC RGB DMX512 B



Degree of protection

The resistance offered by the fixture to the penetration of solids and liquids is indicated by the IP prefix (International Protection) followed by two numbers. The first number identifies the degree of protection against the ingress of solids and the second number against liquids (IEC 529 - EN 60529 publication). The letters IK indicate the level of shock resistance of the luminaire, according to CEI EN 50102.

FIRST IDENTIFICATION NUMBER Degree of protection against penetration of solids.	SECOND IDENTIFICATION NUMBER Degree of protection against penetration of liquids.	LEVEL OF SHOCK RESISTANCE It designates the level of shock resistance according to CEI EN 50102.
0 Not protected	0 Not protected	IK00 Not protected
1 Protected against penetration of solids larger than 50 mm.	1 Protected against the vertical fall of water drops	IK01 Protected against 0.15 J shocks IK02 Protected against 0.2 J shocks
2 Protected against penetration of solids larger than 12 mm.	2 Protected against the fall of water at a maximum angle of 15°	IK03 Protected against 0.35 J shocks IK04 Protected against 0.5 J shocks
3 Protected against penetration of solids larger than 2.5 mm.	3 Protected against rain	IK05 Protected against 0.7 J shocks
4 Protected against the penetration of solids larger than 1 mm.	4 Protected against splashes 5 Protected against jets of water	IK06 Protected against 1 J shocks IK07 Protected against 2 J shocks
5 Protected against the penetration of dust	6 Protected against waves 7 Protected against the effects of immersion	IK08 Protected against 5 J shocks IK09 Protected against 10 J shocks
6 Completely protected against penetration of dust	8 Protected against the effects of prolonged immersion	IK10 Protected against 20 J shocks

Classification of fittings

Classification of fittings according to electrical protection.

- Class I With functional insulation in every part and with earth terminal or clamp if the unit is fixed, or with electric power supply cable complete with earth wires and relative plug with earth contact if the unit is mobile.
- Class II With double insulation and/or reinforced insulation in every part and without earth connections.
- Class III Designed for connecting to low voltage circuits, without any internal or external circuit functioning at a voltage different from safety low voltage.

Classification of fittings according to the flammability of the surfaces used for installation.

The fitting can be installed on normally flammable surfaces.

**Legend**  
图例说明

- 

Product with CE mark  
带有 CE 标识产品
- 

Product with ROHS mark  
带有 ROHS 标识产品
- 

Class I products  
I 类产品
- 

Class II products  
II 类产品
- 

Class III products  
III 类产品
- 

Class III products  
触点温度
- 

Product with F mark  
带有 F 标识产品
- 

Luminaires with high visual comfort  
具有高度视觉舒适性的灯具
- 

Luminaire angle relative to the horizontal plane  
相对于水平面的灯具角度调节
- 

Luminaire rotation about the vertical axis  
灯具围绕垂直轴旋转
- 

Graduated scale and aim locking  
刻度尺和瞄准锁定
- 

Adjustable optic  
可调光学器件
- 

Double adjustability of the optics  
光学器件的双重可调节性
- 

Adjustment of light beam opening  
调整光束打开状态
- 

Anti-UV  
抗紫外线
- 

RGB Versions  
RGB 型号
- 

RGBW Versions  
RGBW 型号

**File**  
文件

- 

Specification Sheet  
规格书
- 

Spectrophotometer Test Report  
光谱分析仪测试报告
- 

Goniophotometer Test Report  
分布光度计测试报告
- 

Installation Instructions  
安装说明书
- 

IES
- 

LDT