



EcoFX
LED lighting solutions

LED Buried Light

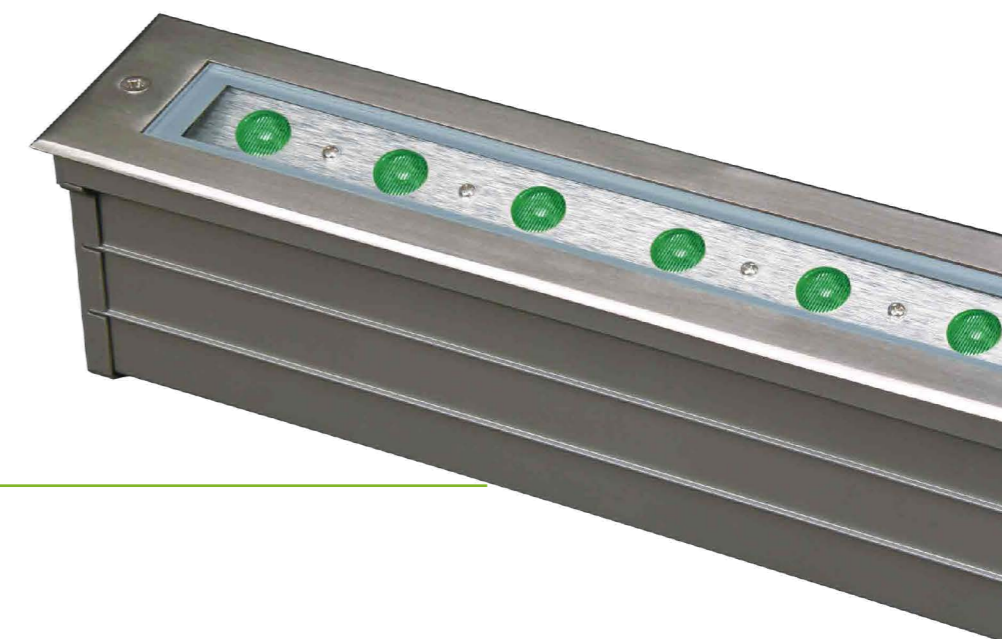
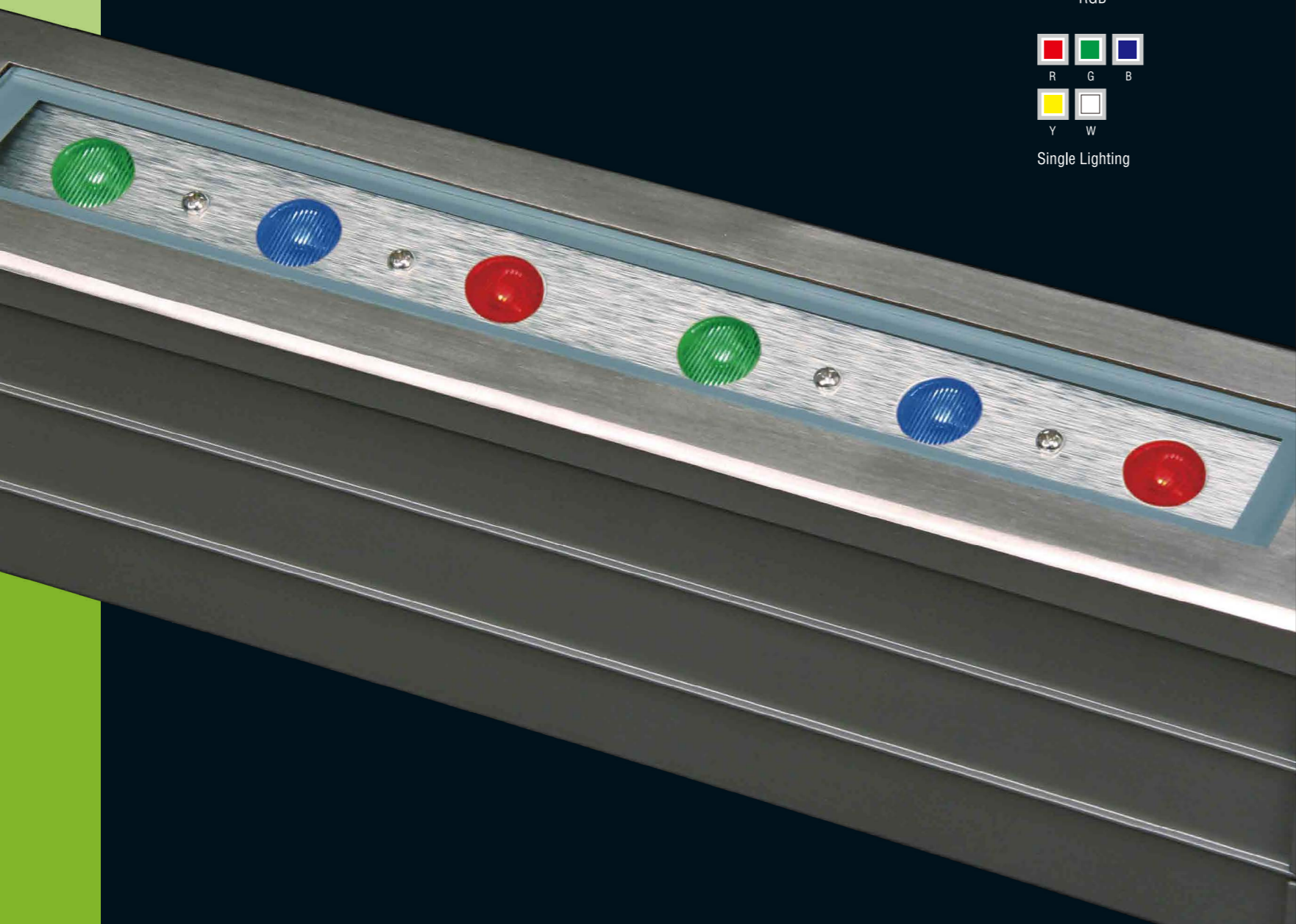
The Application of Occasions:
Mainly used for park, square, residential area, business area, greenland, step and path.



RGB



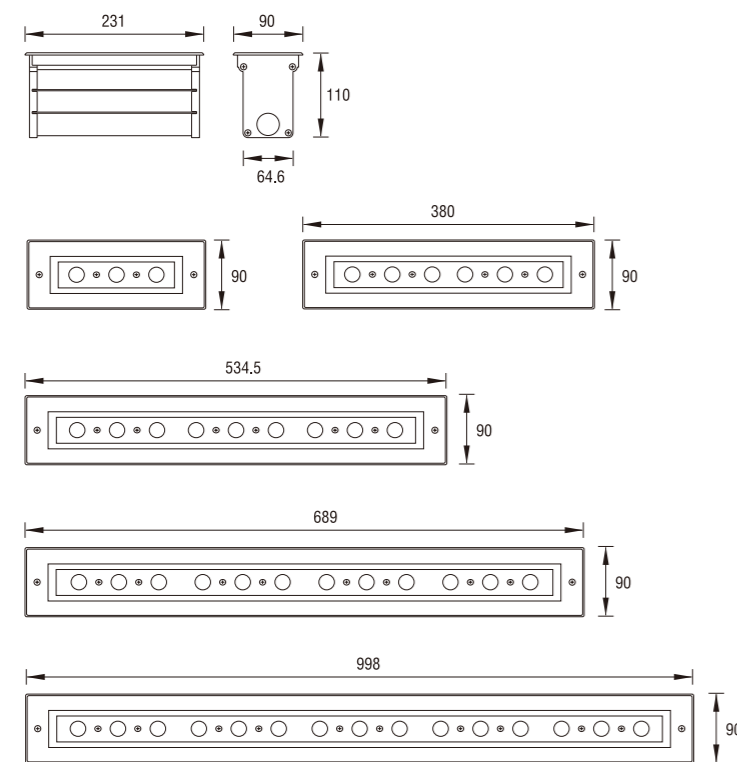
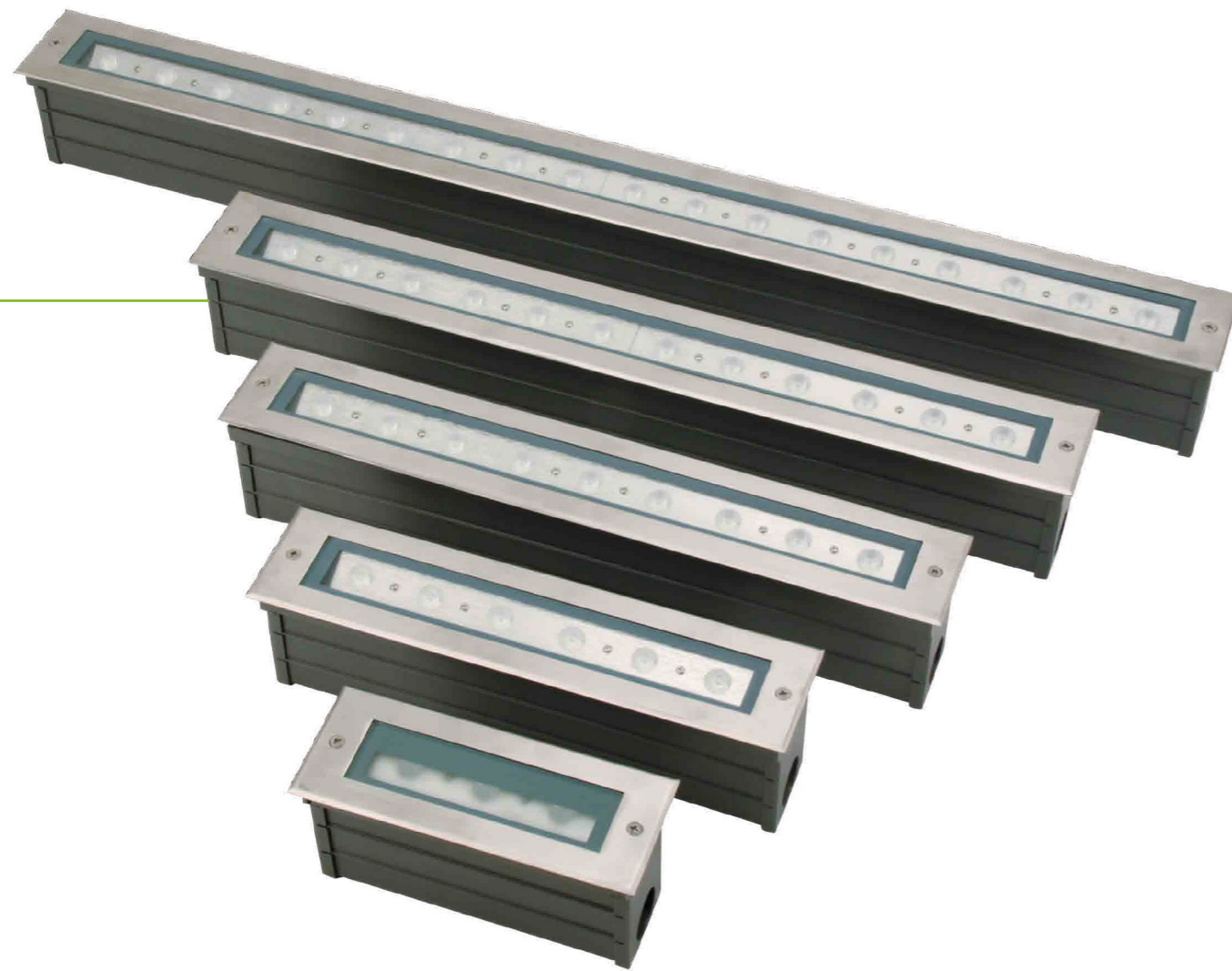
Single Lighting



EFX-XJRD3

18/12/9/6/3

EFX-XJRD3 buried light series adopts high strength aluminium alloy material, the sealed cover adopts die-casting aluminum, and the top cover use stainless steel model. The light could endure 1500KG pressure. Double sealed structure could reach the sealed result for very long time underground, the special Polarized light design could control the glare, the easy installation way make the light more convenient. The light length from 231mm-998mm which make it fit for many occasions.



Product Dimension

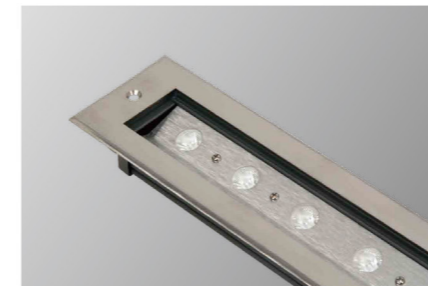
EFX-XJRD3-18
EFX-XJRD3-12
EFX-XJRD3-9
EFX-XJRD3-6
EFX-XJRD3-3

Product Description

1. The light body USES high strength extrusion materials, surface cover stainless steel materials.
2. Mask adopts thickening of toughened glass, glass and surface cover the same plane, no gap, impact resistance, resistance to friction.
3. The light source adopts the high quality LED products, can be monochrome or three colors choice.
4. Can undertake DMX512 control system, change and colorful, running water, dream effect.
5. Humanized design, suitable for various applications needs.
6. Lamps and lanterns, surface cover design sufficient heat temperature is lower, safety, protective good.
7. Light cavities and power cavity separation make maintenance easier.



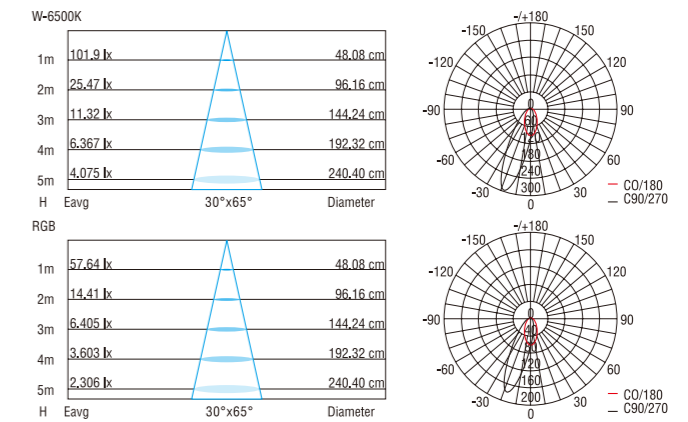
External power box and control module



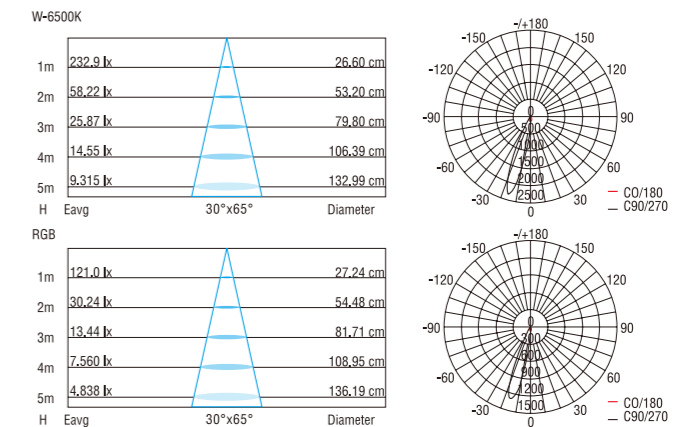
Polarizing design, efficiently control light pollution

Light Distribution Curve

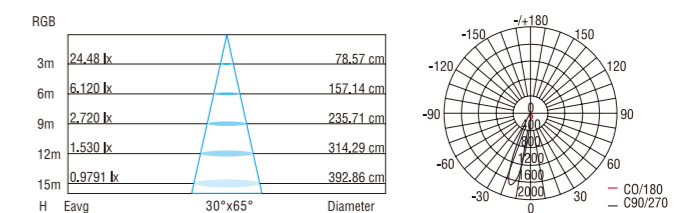
EFX-XJRD3-3



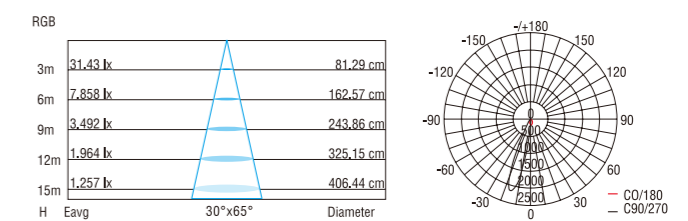
EFX-XJRD3-6



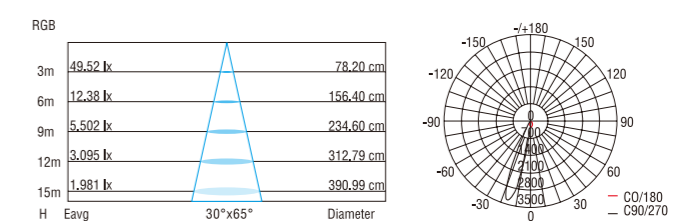
EFX-XJRD3-9



EFX-XJRD3-12

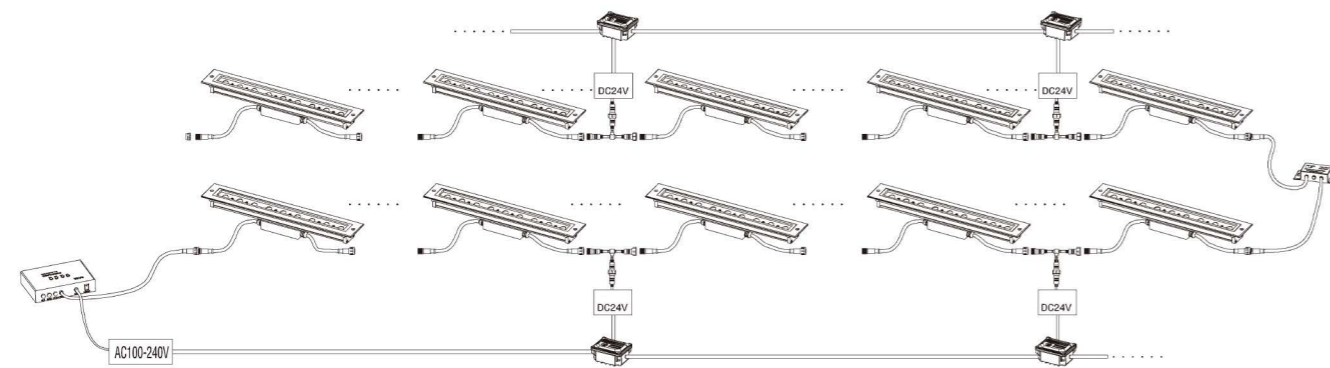


EFX-XJRD3-18



Wiring Diagram

EFX-XJRD3 RGB



EFX-XJRD3



Accessories



Power Junction Box
EFX-XJRW-JXH-002



Signal Amplifier
EFX-XJRW-FDQ-003



Signal Extension Cord
EFX-XXH2-M18G-5P/M18M-5P
-(2×0.5mm²+GND)-200



Power+Signal Extension Cord
EFX-XDX2-M18G-5P/M18M-5P
-(2×0.5mm²+GND+2×1.0mm²)-1000



Power+Signal Three Joint
EFX-XDX3-M18G-5P/M18M-5P
-(2×0.5mm²+GND+2×1.0mm²)-(300+1000)



Buried Box
EFX-XJRD-JXH-001

Specification

	EFX-XJRD3-18	EFX-XJRD3-12	EFX-XJRD3-9	EFX-XJRD3-6	EFX-XJRD3-3
LED Quantity	18pcs	12pcs	9pcs	6pcs	3pcs
Rated Power	24.9W	17.0W	12.5W	8.1W/9.1W	4.6W/4.6W
Input Voltage	DC24V	DC24V	DC24V	AC100-240V/DC24V	AC100-240V/DC24V
Color	RGB	RGB	RGB	Single/RGB	Single/RGB
Control Mode	DMX512	DMX512	DMX512	CC/DMX512	CC/DMX512
Beam Angle	30°x65°	30°x65°	30°x65°	30°x65°	30°x65°
Lamp Luminous Flux	842 lm	559 lm	429 lm	526 lm/292 lm	157 lm/88 lm
Working Ambient Temperature	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C
Working Ambient Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Life	> 30000H	> 30000H	> 30000H	> 30000H	> 30000H
Protection Grade	IP67	IP67	IP67	IP67	IP67
Net Weight(kg)	5.72	4.12	3.28	2.45	1.7
Gross Weight(kg)	6.28	4.51	3.63	2.71	1.89
Packing Size(mm)	1052x144x166	743x144x166	589x144x166	434x144x166	285x144x166

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment

LED Buried Light

The Application of Occasions:

Mainly used for park, square, residential area, business area, greenland, step and path.



RGB



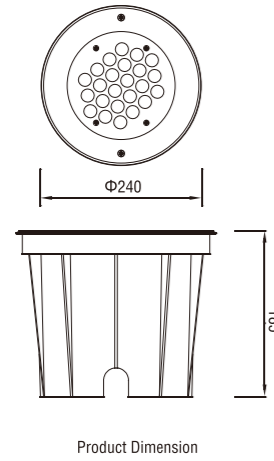
Single Lighting



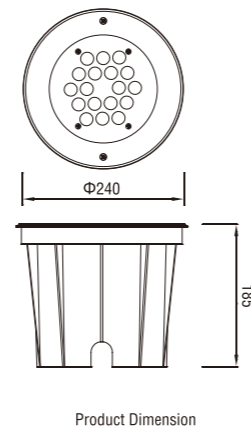
EFX-XJRD2 24/18/12/9
EFX-XJRD 90/60
EFX-XJRD1 12/9

The appearance of EFX-XJRD2 buried light is easy, the top cover adopts press mold CNC technology. The toughen glass could endure 2500KG pressure. The installation way is only use two burglarproof screw, it makes the installation much easier, the protection is much better. The special double cavity structure technology make the light has the better heat conduction.

EFX-XJRD2-24



EFX-XJRD2-18

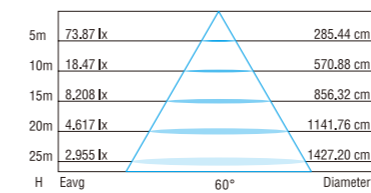
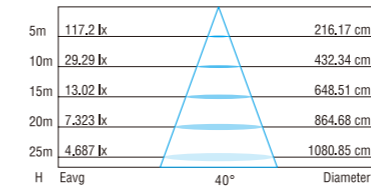
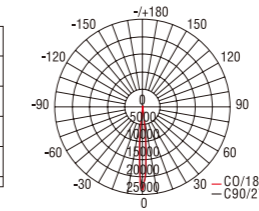
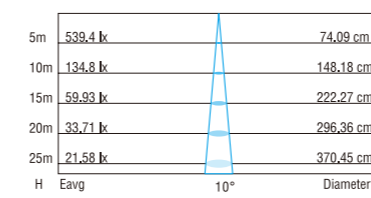


Product Description

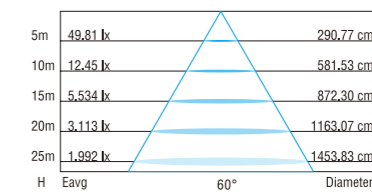
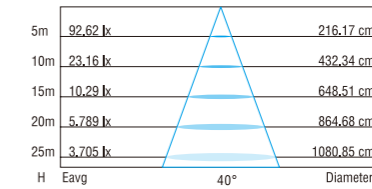
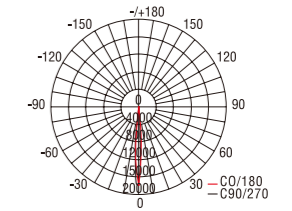
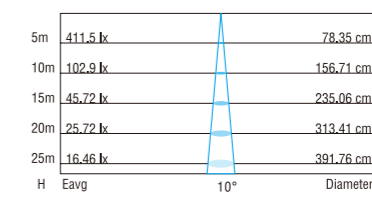
- 1.The lamp body used high pressure die-casting aluminum.The cover uses stainless steel while the buried barrel uses high-quality corrosion-resistant nylon.
- 2.The diffuser use thickened toughened glass, having an advantages in impact resistance and abrasion.Meanwhile the diffuser and light cover is at the same level, no fall.
- 3.The source light adopts high quality LEDs, monochrome or RGB color available
- 4.It's carried out by the EFX-XDMX512 system so that the light could change in colorful, flowing and other models, getting a magic lighting effect.
- 5.Humanized design, fit for a wide range demands in applications.
- 6.Excellent design in heat removal performance. So that the temperature of the cover is low, which is safe and good protection.
- 7.High strength toughened glass, could afford a weight of 2500KG.

Light Distribution Curve

EFX-XJRD2-24



EFX-XJRD2-18

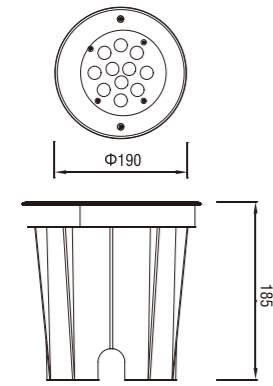


Specification

Product Code	EFX-XJRD2-24	EFX-XJRD2-18
LED Quantity	24pcs	18pcs
Rated Power	27.8W	22.2W
Input Voltage	AC100-240V/DC24V	AC100-240V/DC24V
Color	Single/RGB	Single/RGB
Control Mode	CC/DMX512	CC/DMX512
Beam Angle	10°25°40°60°	10°25°40°60°
Lamp Luminous Flux	1072 lm	852 lm
Working Ambient Temperature	-25°C~50°C	-25°C~50°C
Working Ambient Humidity	10%~90%	10%~90%
Life	> 30000H	> 30000H
Protection Grade	IP67	IP67
Net Weight	3.4	3.3
Gross Weight	4.1	4.0
Packing Size(mm)	315×315×265	315×315×265

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment

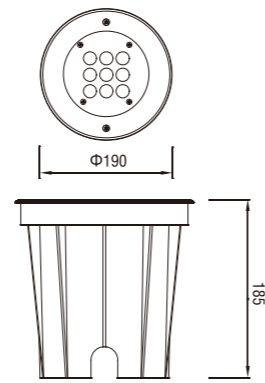
EFX-XJRD2-12



Product Dimension



EFX-XJRD2-9



Product Dimension

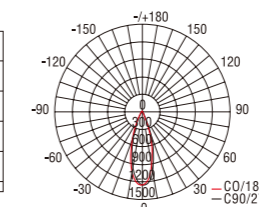
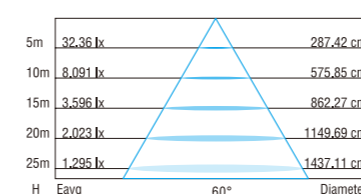
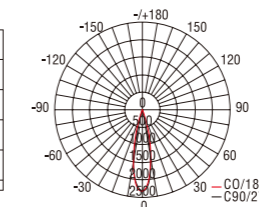
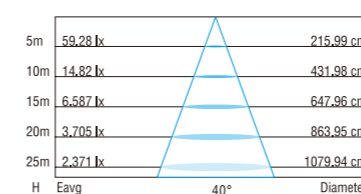
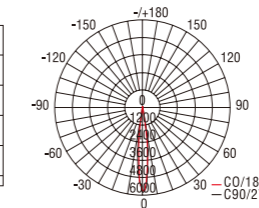
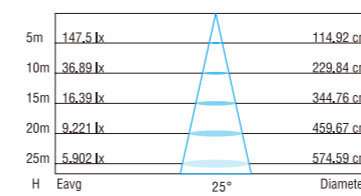
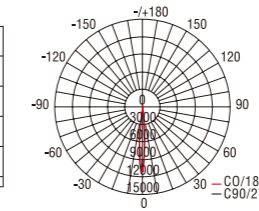
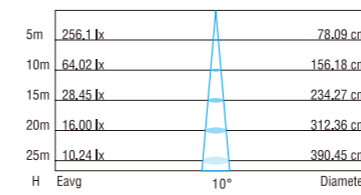


Product Description

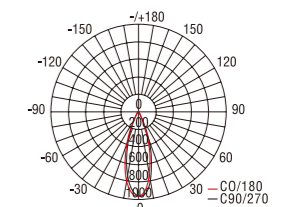
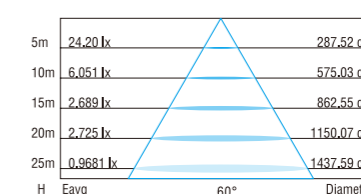
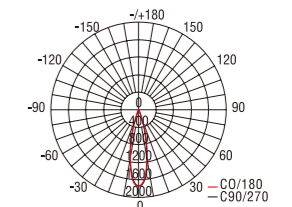
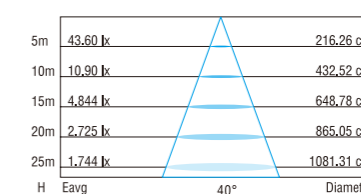
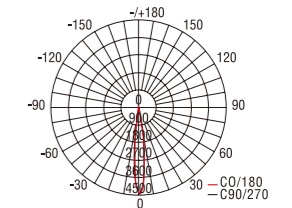
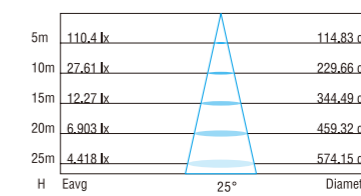
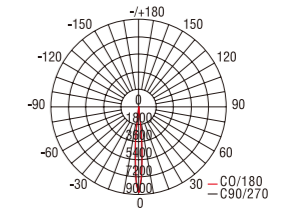
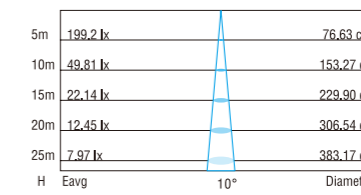
- 1.The lamp body used high pressure die-casting aluminum.The cover uses stainless steel while the buried barrel uses high- quality corrosion- resistant nylon.
- 2.The diffuser use thickened toughened glass,having an advantages in impact resistance and abrasion. Meanwhile the diffuser and light cover is at the same level,no fall.
- 3.The light source use high quality LEDs.

Light Distribution Curve

EFX-XJRD2-12



EFX-XJRD2-9

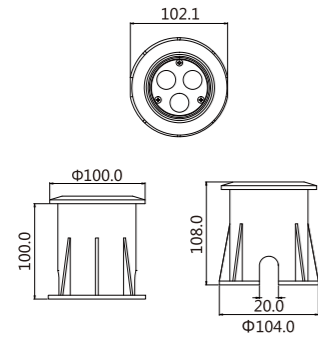


Specification

Product Code	EFX-XJRD2-12	EFX-XJRD2-9
LED Quantity	12pcs	9pcs
Rated Power	15.8W	12.7W
Input Voltage	AC100-240V/DC24V	AC100-240V/DC24V
Color	Single/RGB	Single/RGB
Control Mode	CC/DMX512	CC/DMX512
Beam Angle	10°25°40°60°	10°25°40°60°
Lamp Luminous Flux	529 lm	407 lm
Working Ambient Temperature	-25°C~50°C	-25°C~50°C
Working Ambient Humidity	10%~90%	10%~90%
Life	> 30000H	> 30000H
Protection Grade	IP67	IP67
Net Weight	2.5	2.4
Gross Weight	3.5	3.4
Packing Size(mm)	265×265×265	265×265×265

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment

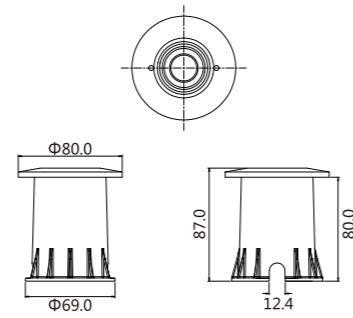
EFX-XJRD90



Product Dimension



EFX-XJRD60



Product Dimension

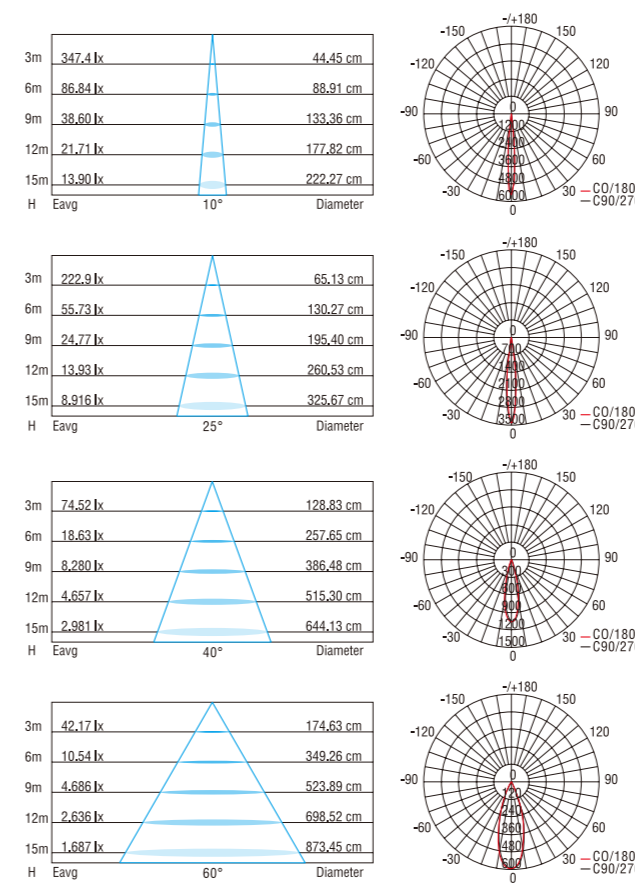


Product Description

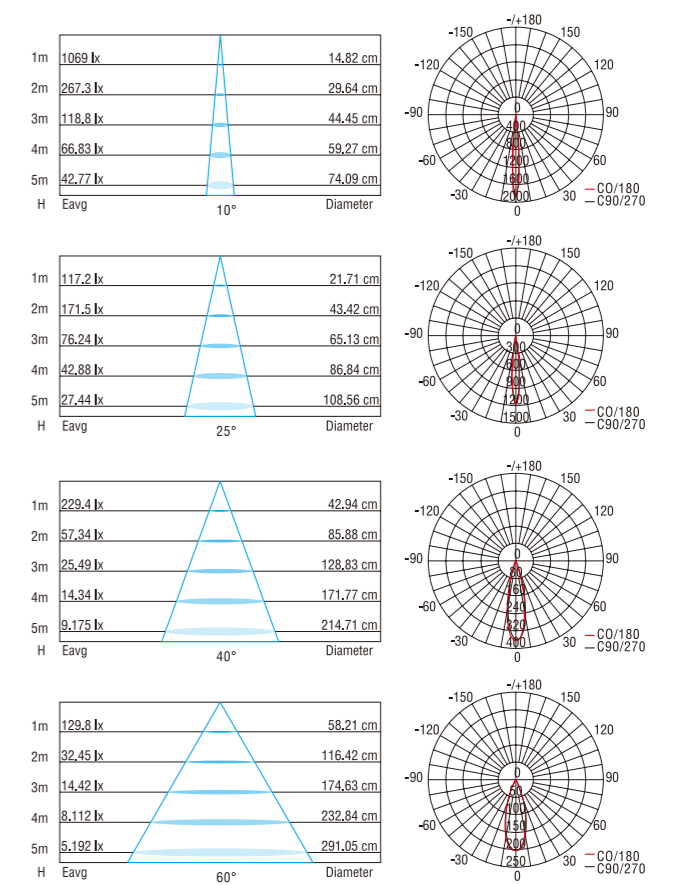
1. The lamp body used high pressure die-casting aluminum. The cover uses stainless steel while the buried barrel uses high-quality corrosion-resistant nylon.
2. The diffuser use thickened toughened glass, having an advantages in impact resistance and abrasion. Meanwhile the diffuser and light cover is at the same level, no fall.
3. The light source use high quality LEDs and could choose RGB or single color.
4. Humanized design, fix for many occasions.

Light Distribution Curve

EFX-XJRD90



EFX-XJRD60

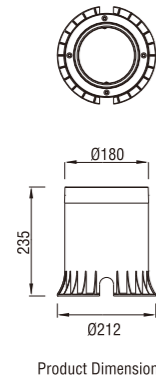


Specification

Product Code	EFX-XJRD90	EFX-XJRD60
LED Quantity	3pcs	1pcs
Rated Power	4.2W	2.0W
Input Voltage	AC100-240V/DC24V	AC100-240V/DC24V
Color	Single	Single
Control Mode	CC	CC
Beam Angle	10°25°40°60°	10°25°40°60°
Lamp Luminous Flux	248 lm	85 lm
Working Ambient Temperature	-25°C~50°C	-25°C~50°C
Working Ambient Humidity	10%~90%	10%~90%
Life	> 30000H	> 30000H
Protection Grade	IP67	IP67
Net Weight	0.5 / 18	0.3 / 24
Gross Weight	0.6 / 21	0.4 / 32
Packing Size(mm)	105×105×110 460×355×400 36	70×70×105 395×325×440 80

All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment

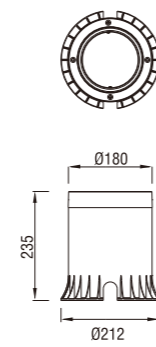
EFX-XJRD1-12



Product Dimension



EFX-XJRD1-9



Product Dimension



Product Description

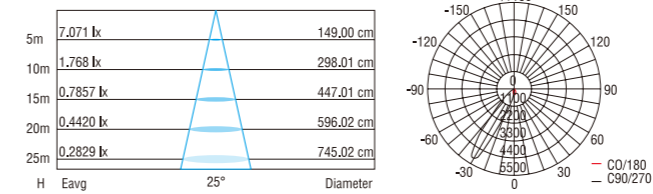
- 1.The lamp body used high pressure die-casting aluminum.The cover uses stainless steel while the buried barrel uses high- quality corrosion- resistant nylon.
- 2.The diffuser use thickened toughened glass,having an advantages in impact resistance and abrasion. Meanwhile the diffuser and light cover is at the same level, no fall.
- 3.The light source use high quality LEDs.
- 4.Adjustable angles in design,which is for special applications and no glare.
- 5.The angle could be adjusted at 10,30 and 40 degree.



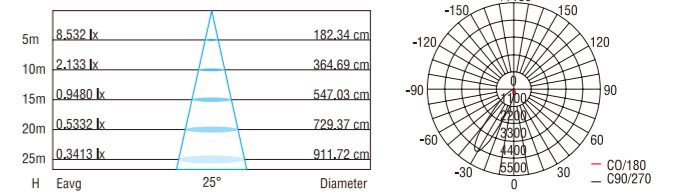
Polarizing Angle Scale

Light Distribution Curve

EFX-XJRD1-12



EFX-XJRD1-9



Polarizing Design



Using high strength toughened glass and die-casting material ,which could ensure the light could afford a weight of 2500KG.



Excellent performance in heat removal,which could reduce the surface temperature of lamp body effectively.

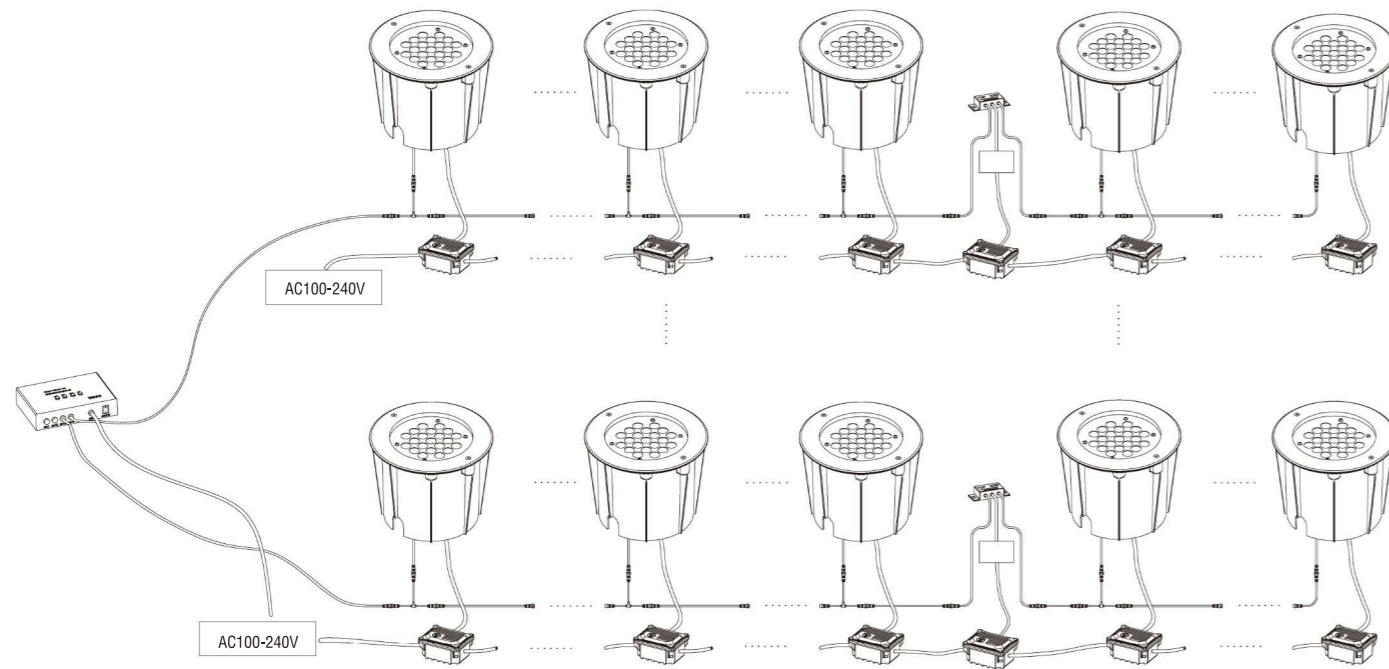
Specification

Product Code	EFX-XJRD1-12	EFX-XJRD1-9
LED Quantity	12pcs	9pcs
Rated Power	15.2W	12.4W
Input Voltage	AC100-240V/DC24V	AC100-240V/DC24V
Color	Single	Single
Control Mode	CC	CC
Beam Angle	25°	25°
Lamp Luminous Flux	930 lm	737 lm
Working Ambient Temperature	-25°C~50°C	-25°C~50°C
Working Ambient Humidity	10%~90%	10%~90%
Life	> 30000H	> 30000H
Protection Grade	IP67	IP67
Net Weight	3.2	3.2
Gross Weight	3.5	3.5
Packing Size(mm)	275×275×320	275×275×320

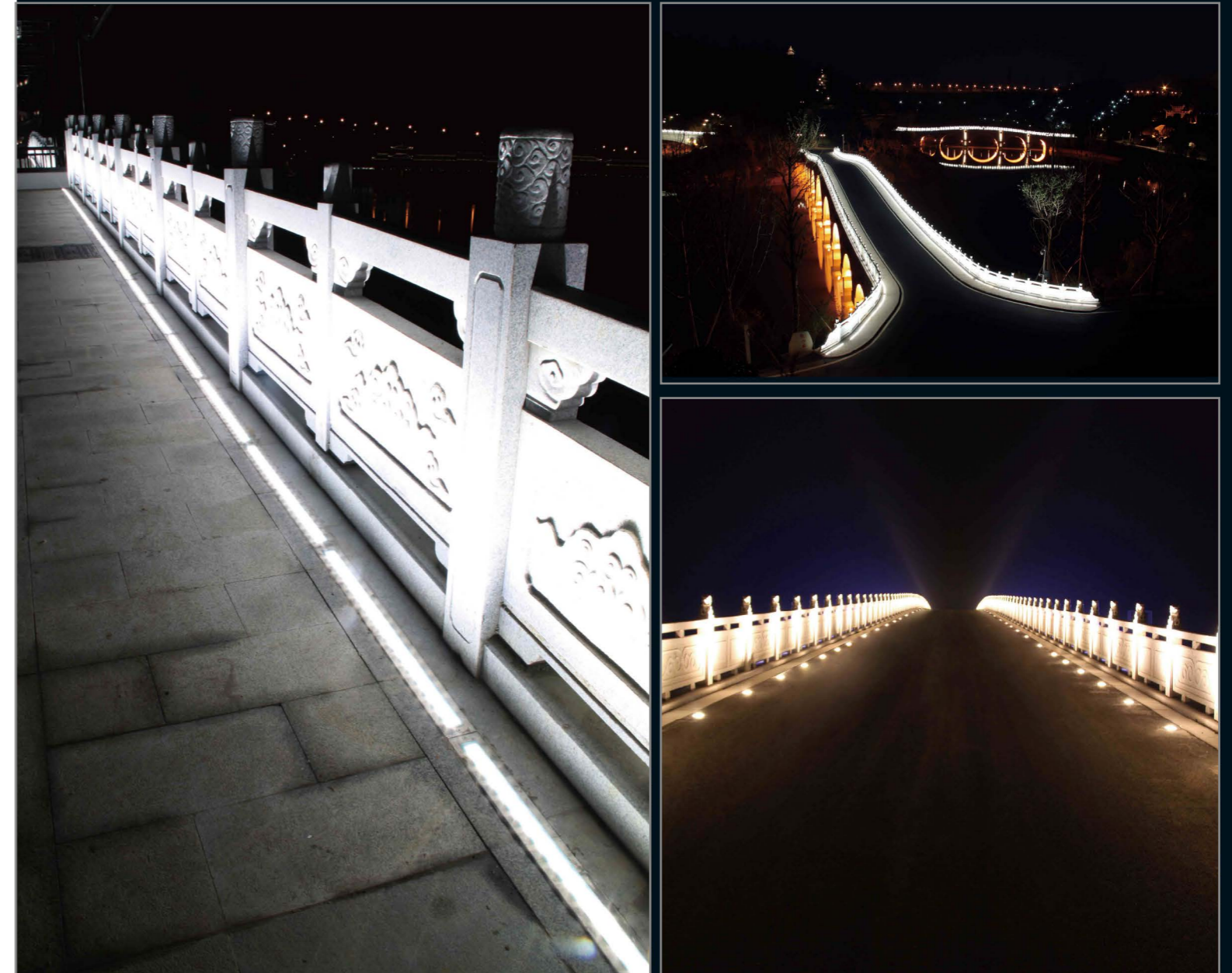
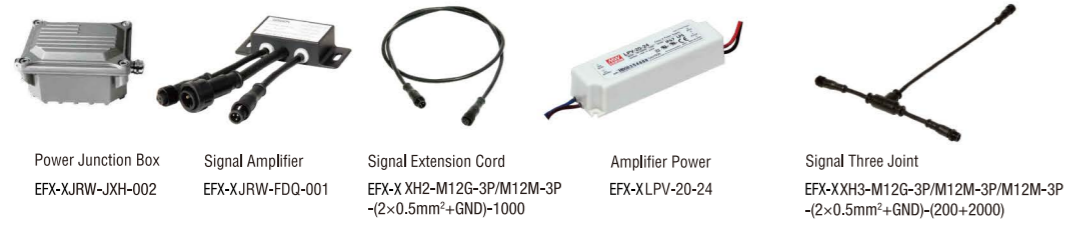
All parameters are measured at 25°C ambient temperature, 35% humidity experimental environment

LED Buried Light

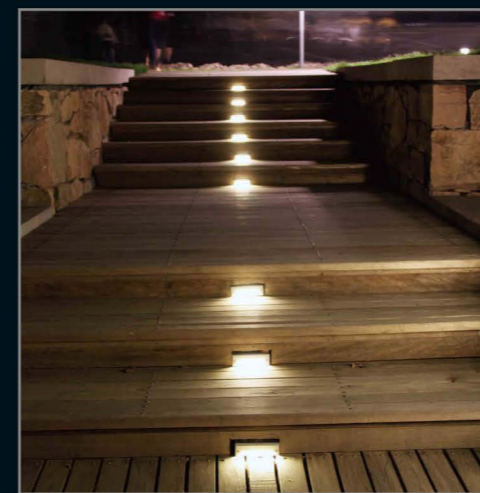
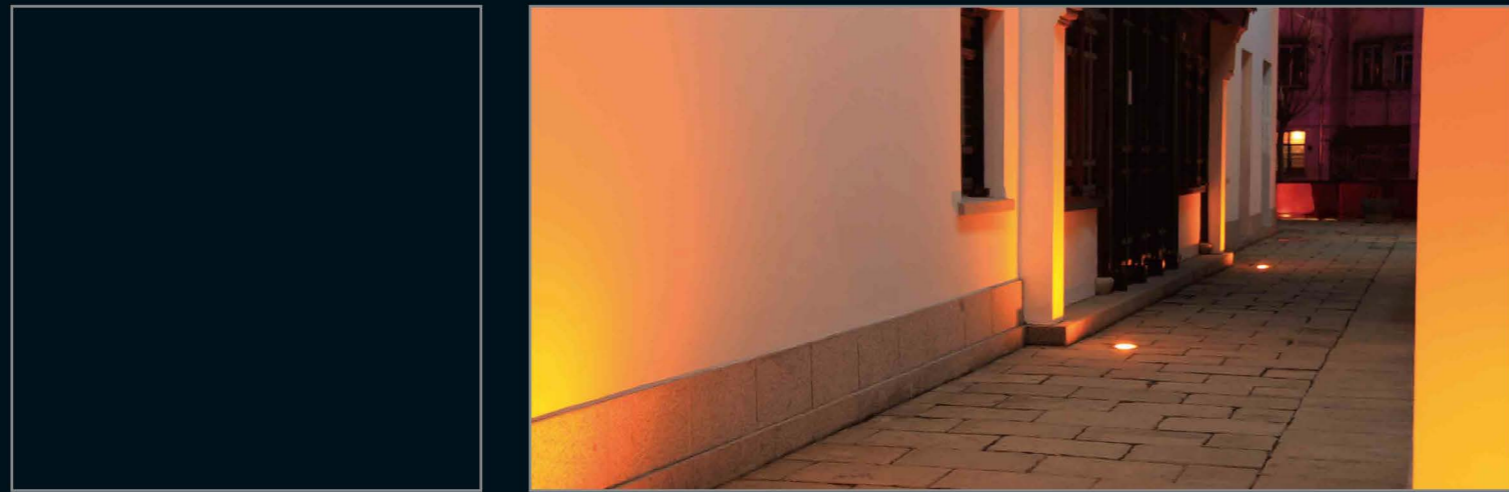
Wiring Diagram



Accessories



LED Buried Light



www.eco-fx.co.uk

EcoFX

LED lighting solutions

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E: enquiries@eco-fx.co.uk

Global Partner

Eco-FX

Smarter LED Lighting Solutions

Australia

