

Specialized in
LED OUTDOOR LIGHT

TBD LIGHTING

CÔNG TY TNHH SẢN XUẤT THƯƠNG MẠI DỊCH VỤ
CÔNG NGHỆ ĐIỆN THÁI BÌNH DƯƠNG

Address: 66/9 đường HT45, Phường Hiệp Thành Quận 12, TPHCM.
Website: <https://denledthaiduong.vn>
Email: thuantrmt@gmail.com
Hotline: 0978 0000 72

TBD LIGHTING



TBD LIGHTING

Was established in 2014 and committed to the R&D,production and sales of outdoor lighting products. We specializes in outdoor waterproof landscape lighting fixtures,which including underwater lights, fountain lights, underground lights, landscape spotlights, step lights, corner lights, wall lights, wall washer lights,handrail lights, etc. All the products have reached IP65,IP66, IP67, IP68 waterproof test standard, and obtained many appearance patents and utility patent certificates.

From the very beginning ,high product quality is always our top priority, and all our lamps are manufactured with high quality raw material and by high quality standards, we use materials and components from domestic and foreign first-line brands to ensure the superior photoelectric performance of lamps,during the production each of the lamps must pass the aging test and infrared thermal imaging test to maintain superior product performance in terms of waterproof performance,heat dissipation performance,light decay performance.

After 6 years efforts,our products have won unanimous praise and affirmation from customers in China, Europe, America, Southeast Asia, and the Middle East.We live by quality and seek development by service.Improving product quality, production efficiency, and cost performance is our constant aim. TBD lighting is determined to make high-end lamps with high cost performance. and is gradually moving towards internationally renowned brand.we serve our customers with sincerity and enthusiasm, we hope to create a beautiful new world with our LED products, we look forward to the cooperation with partners around the world

Our after-sales service commitment to domestic and overseas customers: all of our lights are provided with 3 years warranty(5 years warranty is negotiable), any quality problem during this period we will fully work with you to solve the problem (provide on-site installation guidance if necessary).

Customization of non-standard lighting products is the mainstream development trend in the future lighting market. TBD lighting has provided customers with customized solutions for non-standard lamps in multiple projects in recent years, including Daxing Airport, Shanghai Shenkeng Hotel, etc.We have very quick respond to non-standard products requirements. We are willing to support all of our customers with unique lighting solutions according to the style of architectural or lighting design.

OUTDOOR RATED



CE

RoHS
COMPLIANT

IP65
OUTDOOR RATED

IP66

IP67
OUTDOOR RATED

IP68
OUTDOOR RATED

Factory Tester

Coating Thickness Gauge Tester



Spectrometer



Multimeter



Solar Fil Transmission Meter



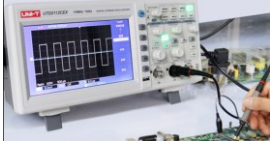
Temperature Meter



Insulation Resistance Tester



Digital storage oscilloscope



DC Power Tester



DC Electronic Load Tester



Power meter



AC Power Source



Insulation Resistance Tester



GND Resistance Test Instrument



Air tightness tester



Dehumidification Tester



Infrared Thermal Imaging Tester



Factory Tester

Integrating sphere Tester



IES Tester



Salt Spray Tester



High low temperature alternating Tester



IP 66

6W~45W P03~12

Variable Focusing LED Landscape Spot Light



Landscape Spot Light

IP 66

3W~50W P13~22



IP 66

Landscape Spot Light

6W~70W P23~30



IP 66

Landscape Spot Light



IP 66

Landscape Spot Light

4W~16W P39~46



P47~50



IP 67
Beam Angle Adjustable Inground Light



IP 67
Depth Illuminant Inground Light



IP 67
COB LED Recessed Inground Light



IP 67
COB LED Asymmetric Inground Light



P85~98



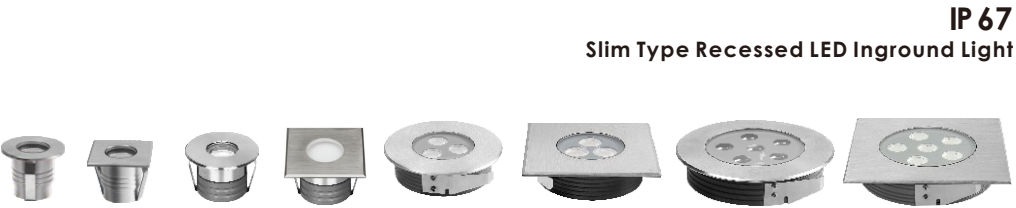
P111~120



P125~134



P121~124

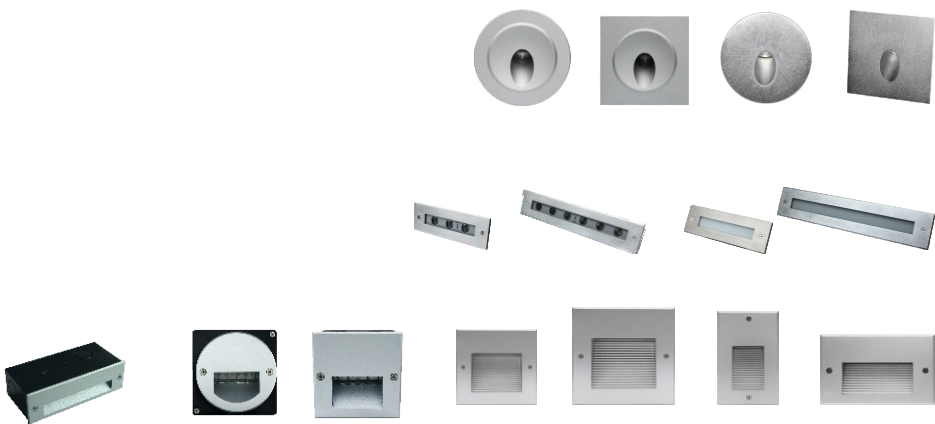


IP 68
Recessed Underwater Light

P157~182

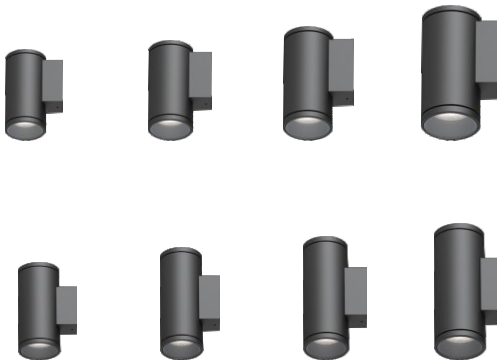


P148~156



IP65 Recessed
Wall Light

P135~140



Underwater Spot
Light

IP68

P183~200



P179~188



IP65
Wall Washer Light

P211~226



IP66
Outdoor Ceiling Light

Outline Light

IP65

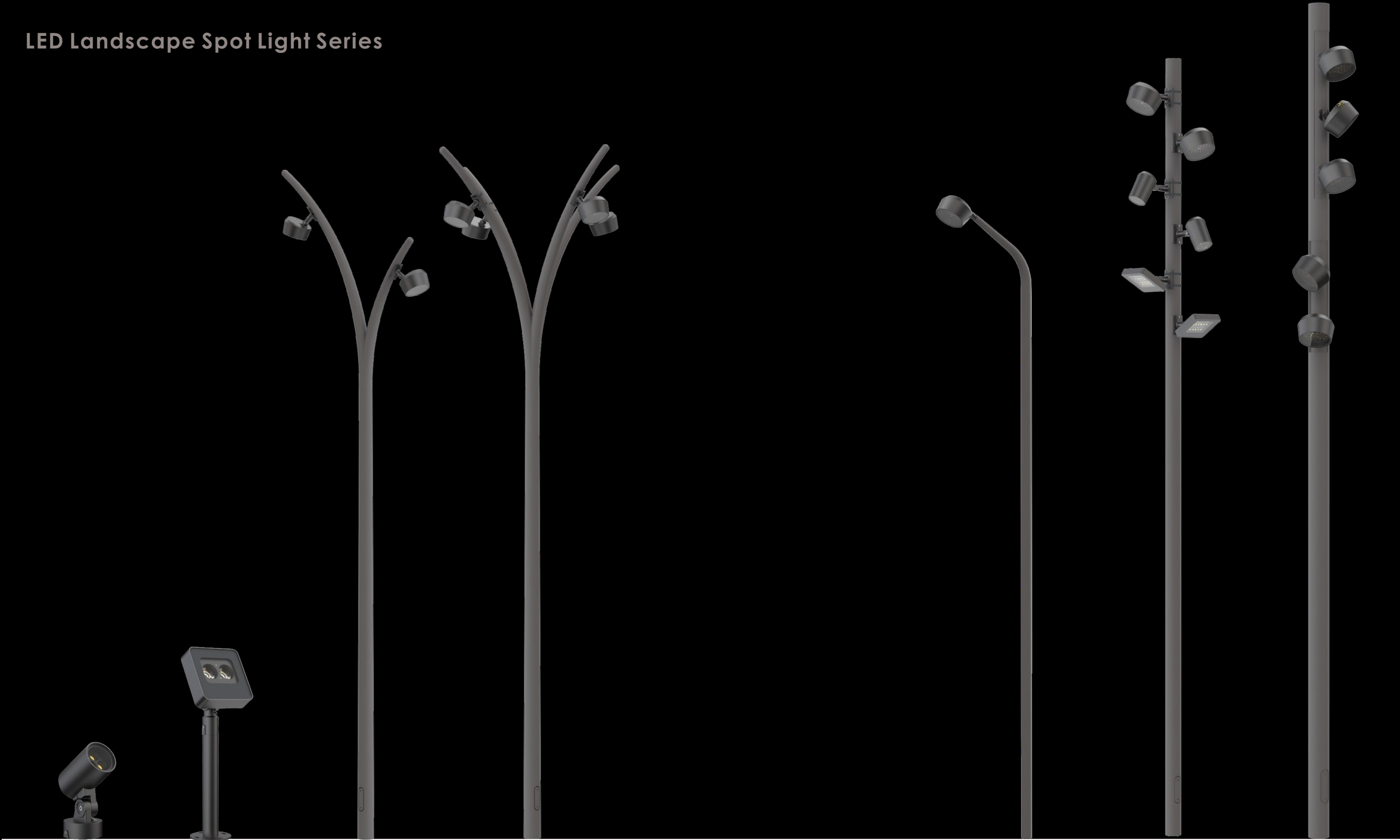
P141~146

Handrail Light

IP65



LED Landscape Spot Light Series



Zoomable LED Landscape Spot Light TF Series

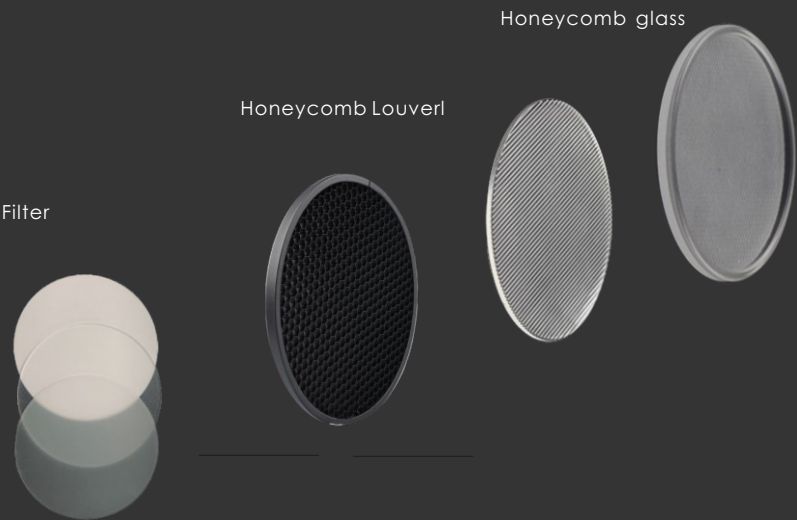


Variable Focusing Beam Angle Available
From 15° to 60°

Product Introduction

1. Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time.
2. Ultra clear and highly strengthen 4mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
3. Environmental friendly highly strengthen ADC 12# die-casting aluminum housing with Tiger powder coated spraying process, could reach over 1000 hours in salt spray test and ensure the usage in high humid, high acid, and high alkaline environments like seaside.
4. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available)
5. Use international top brand component driving module to guarantee the luminous stability and low breakdown probability.
6. Various accessories are optional, including high-impact ABS ground spike and 6063 power coated aluminum pole.
7. Various installation modes to satisfy multiple outdoor project requirements, such as multidirectional base mounting, multidirectional tree ring mounting and multidirectional ground spike mounting.
8. Support DMX512, 1-10V, DALI, TRIAC or PWM dimming control, which runs smoothly and softly.

Optical Controlling Accessories



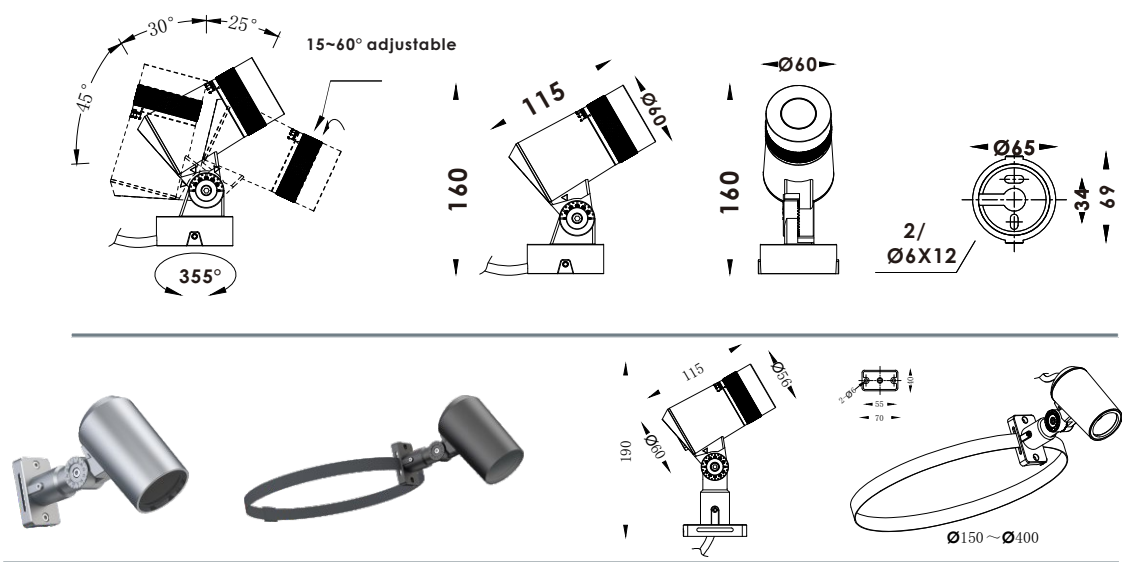
TF60
Zoomable LED Landscape Spot Light Series



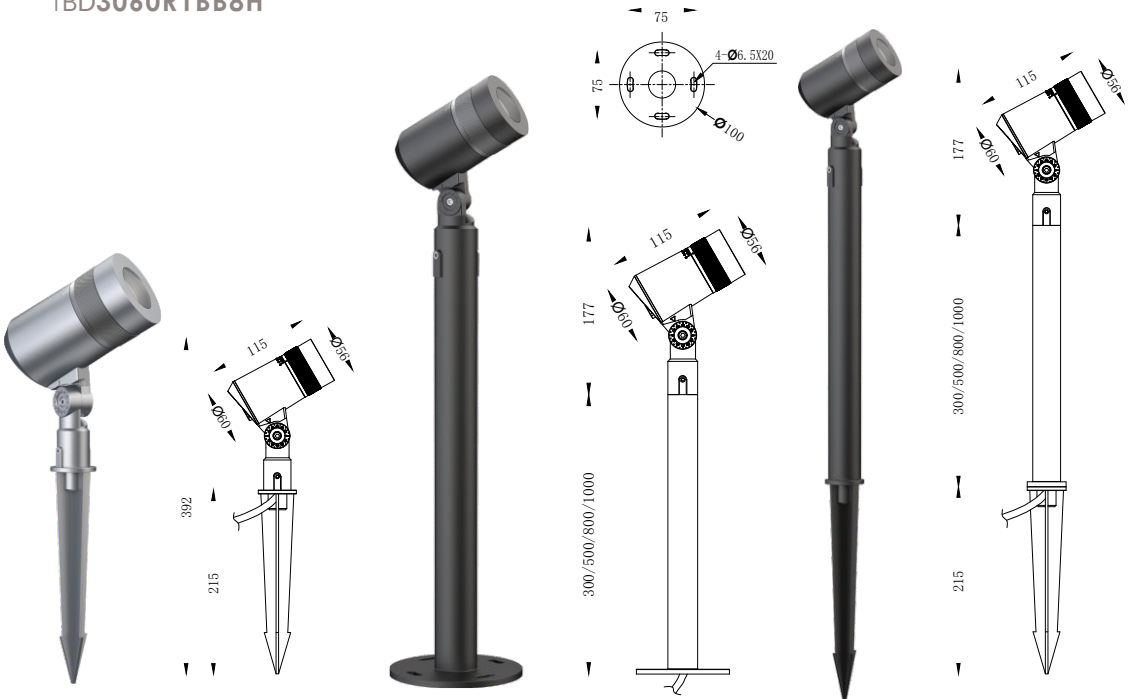
TBD3060R1B

Left or right rotate the rotary ring to adjust focusing to adjust beam angle available from 15°~60°

Product specifications	
Item No.	TBD3060R1B
LED source	CREE COB 1304
Beam angle	15°~60°
LED color	2700K/3000K/4000K/5000K/6500K
Power	1*6W
Input voltage	Single color:DC12V/24V H05RN-F-2*1.0mm², DMX512/DALI:DC12V/24V H05RN-F-2*1.0mm²+3*0.5 Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white=366 lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512



TBD3060R1BB8H



TBD3060R1BB8B

TBD3060R1BB8M2

TBD3060R1

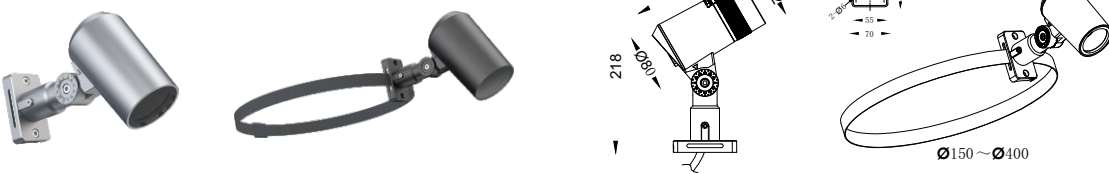
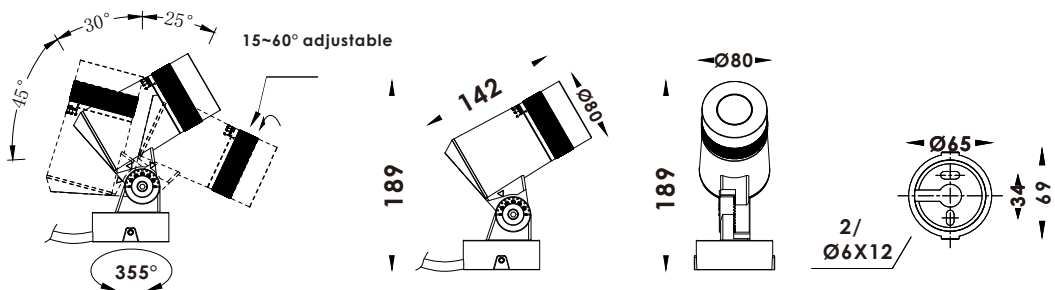
TF80
Zoomable LED Landscape Spot Light Series



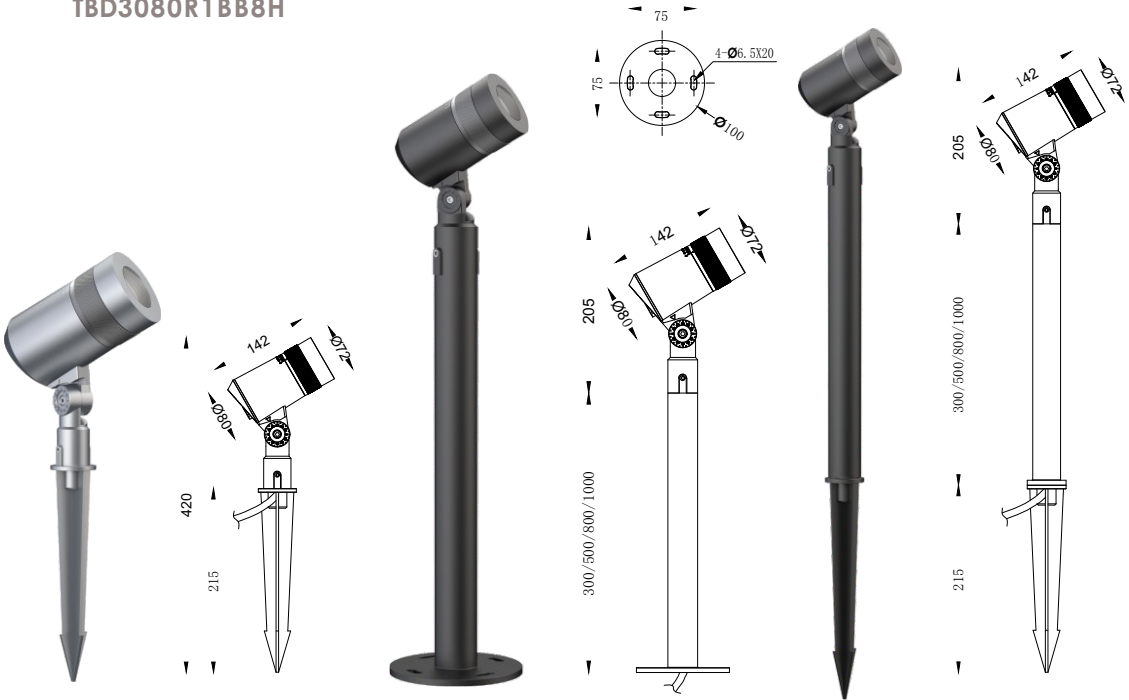
TBD3080R1B

Left or right rotate the rotary ring to adjust focusing to adjust beam angle available from 15°~60°

Product specifications	
Item No.	TBD3080R1B
LED source	CREE COB 1512
Beam angle	15°~60°
LED color	2700K/3000K/4000K/5000K/6500K
Power	1*12W
Input voltage	Single color:DC12V/24V H05RN-F-2*1.0mm², DMX512/DALI:DC12V/24V H05RN-F-2*1.0mm²+3*0.5 Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white=994 lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512



TBD3080R1BB8H



TBD3080R1BB8B

TBD3080R1BB8M2

TBD3080R1

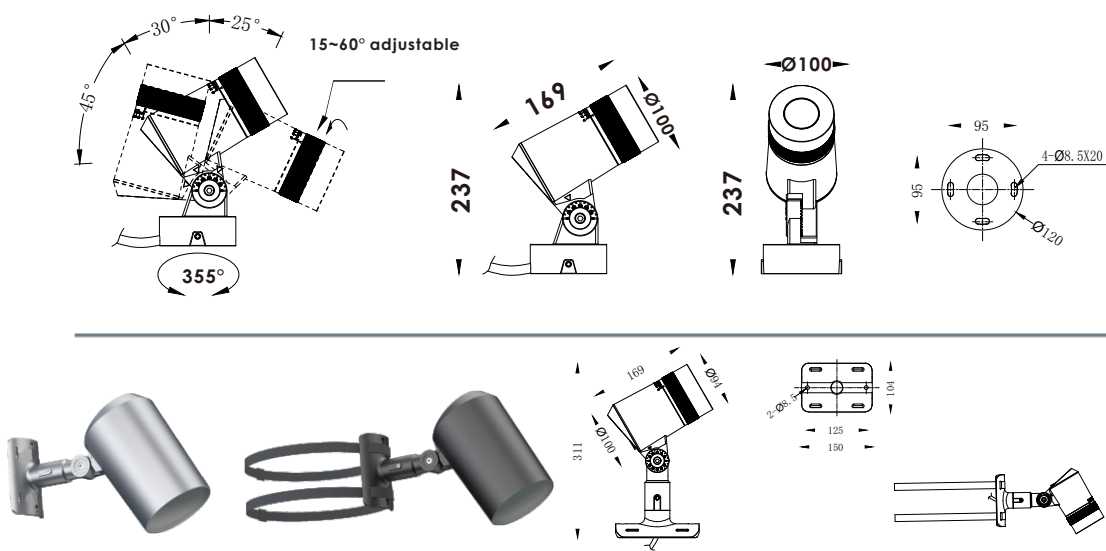
TF100
Zoomable LED Landscape Spot Light Series



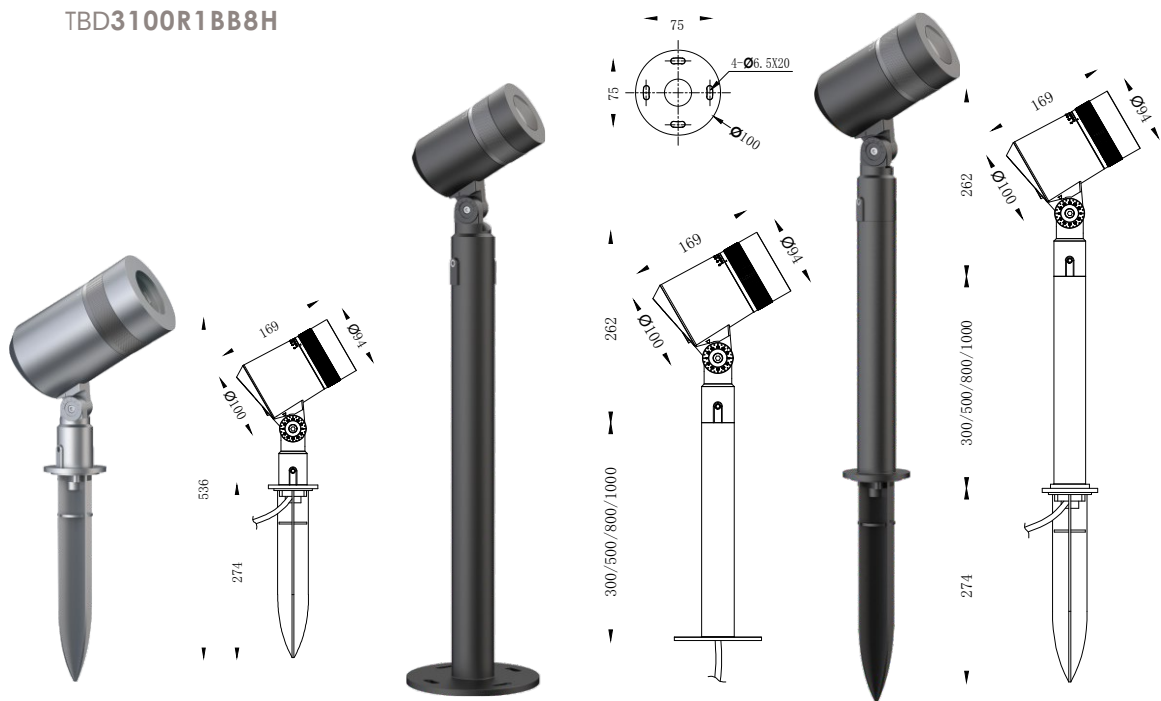
TBD3100R1B

Left or right rotate the rotary ring to adjust focusing to adjust beam angle available from 15°~60°

Product specifications	
Item No.	TBD3100R1B
LED source	CREE COB 1820
Beam angle	15°~60°
LED color	2700K/3000K/4000K/5000K/6500K
Power	1*18W
Input voltage	Single color:DC12V/24V H05RN-F-2*1.0mm², DMX512/DALI:DC12V/24V H05RN-F-2*1.0mm²+3*0.5 Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white=1669 lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512



TBD3100R1BB8H



TBD3100R1BB8B

TBD3100R1BB8M2

TBD3100R1

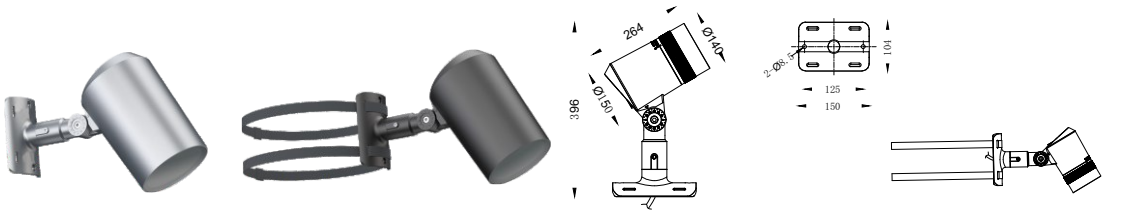
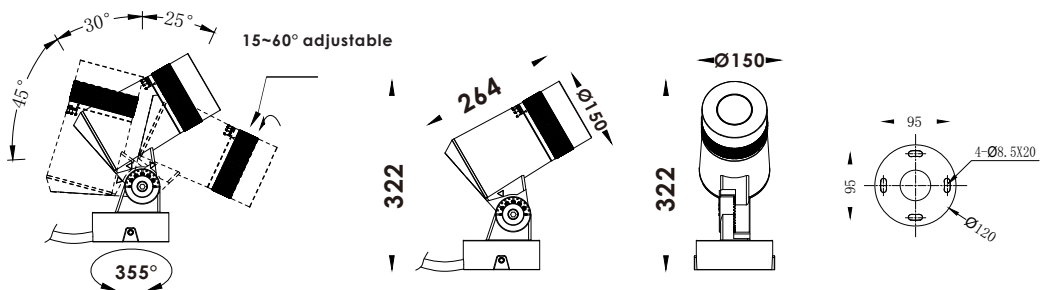
TF150
Zoomable LED Landscape Spot Light Series



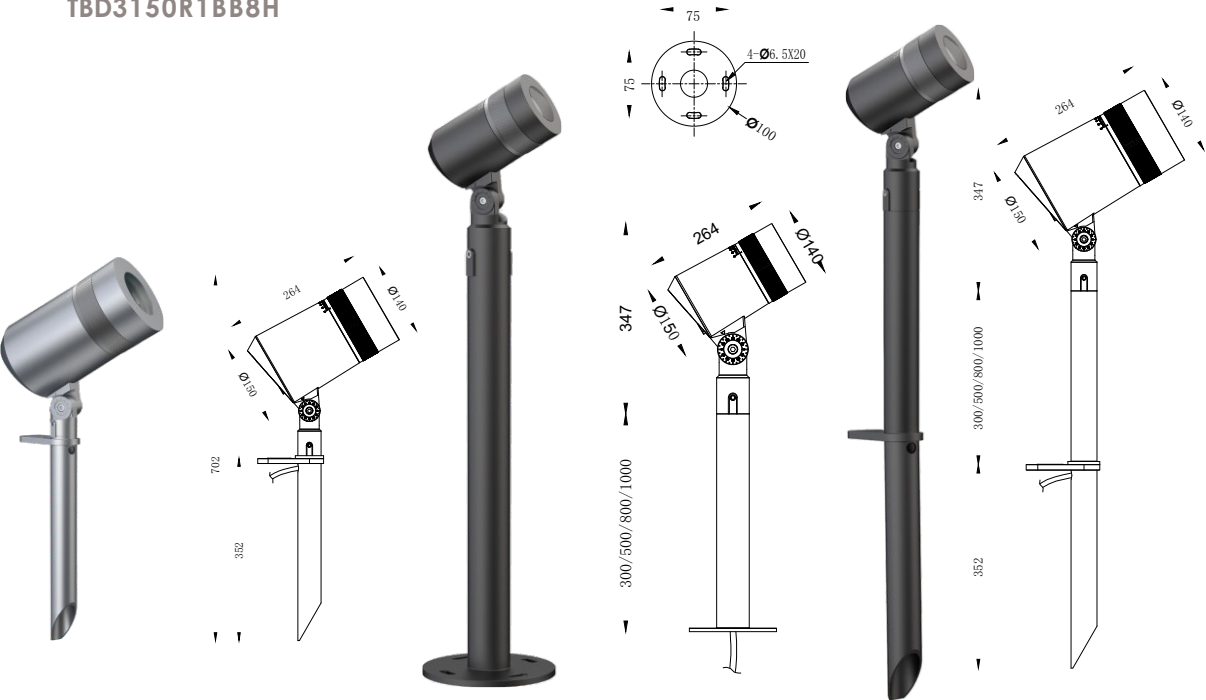
TBD3150R1B

Left or right rotate the rotary ring to adjust focusing to adjust beam angle available from 15°~60°

Product specifications	
Item No.	TBD3150R1B
LED source	CREE COB 1820
Beam angle	15°~60°
LED color	2700K/3000K/4000K/5000K/6500K
Power	1*40W
Input voltage	Single color:DC12V/24V H05RN-F-2*1.0mm², DMX512/DALI:DC12V/24V H05RN-F-2*1.0mm²+3*0.5 Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white=3887 lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512



TBD3150R1BB8H



TBD3150R1BB8B

TBD3150R1BB8M2

TBD3150R1

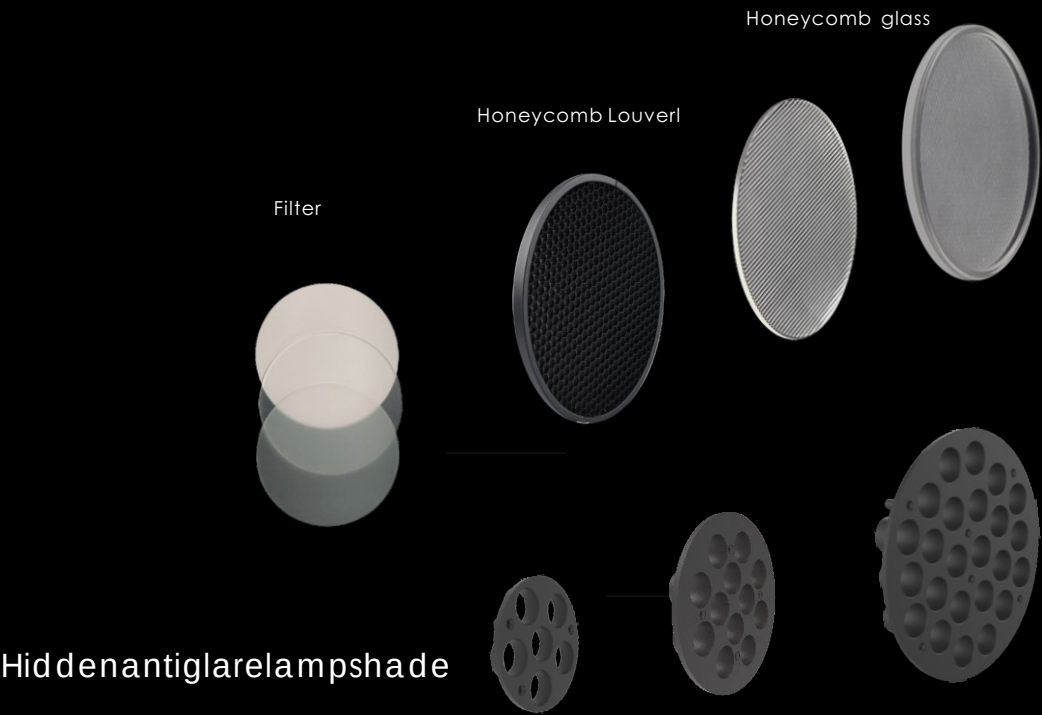
Round Type LED Landscape Spotlight LP Series



Product Introduction

1. Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time.
2. Ultra clear and highly strengthen 4mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
3. Environmental friendly highly strengthen ADC 12# die-casting aluminum housing with Tiger powder coated spraying process, could reach over 1000 hours in salt spray test and ensure the usage in high humid, high acid, and high alkaline environments like seaside.
4. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available)
5. Use international top brand component driving module to guarantee the luminous stability and low breakdown probability.
6. Various accessories are optional, including high-impact ABS ground spike and 6063 power coated aluminum pole.
7. Various installation modes to satisfy multiple outdoor project requirements, such as multidirectional base mounting, multidirectional tree ring mounting and multidirectional ground spike mounting.
8. Support DMX512, 1-10V, DALI, TRIAC or PWM dimming control, which runs smoothly and softly.

Optical Controlling Accessories

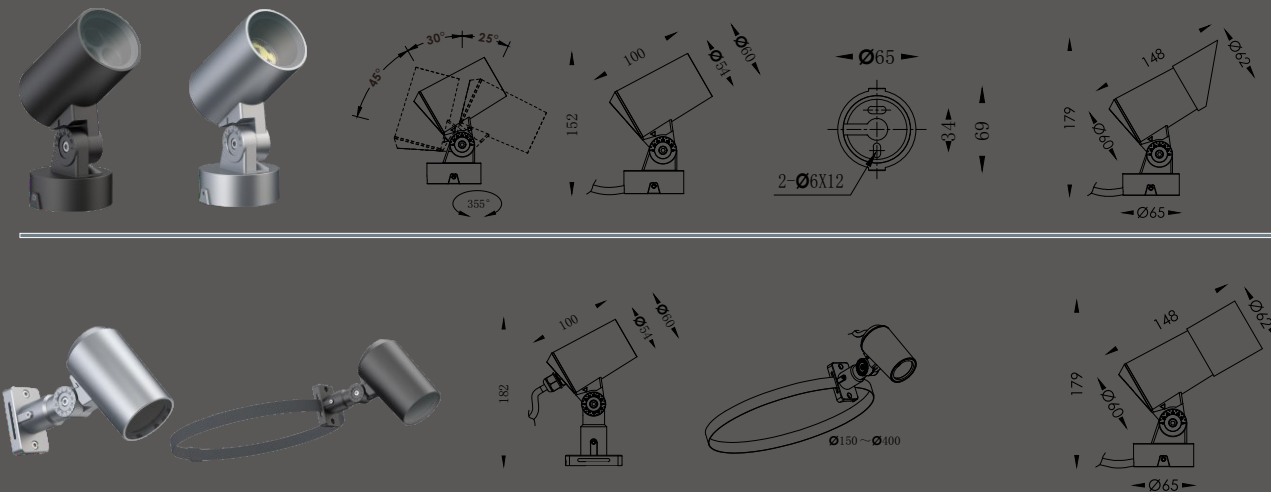


LP60

LED Landscape Spot Light



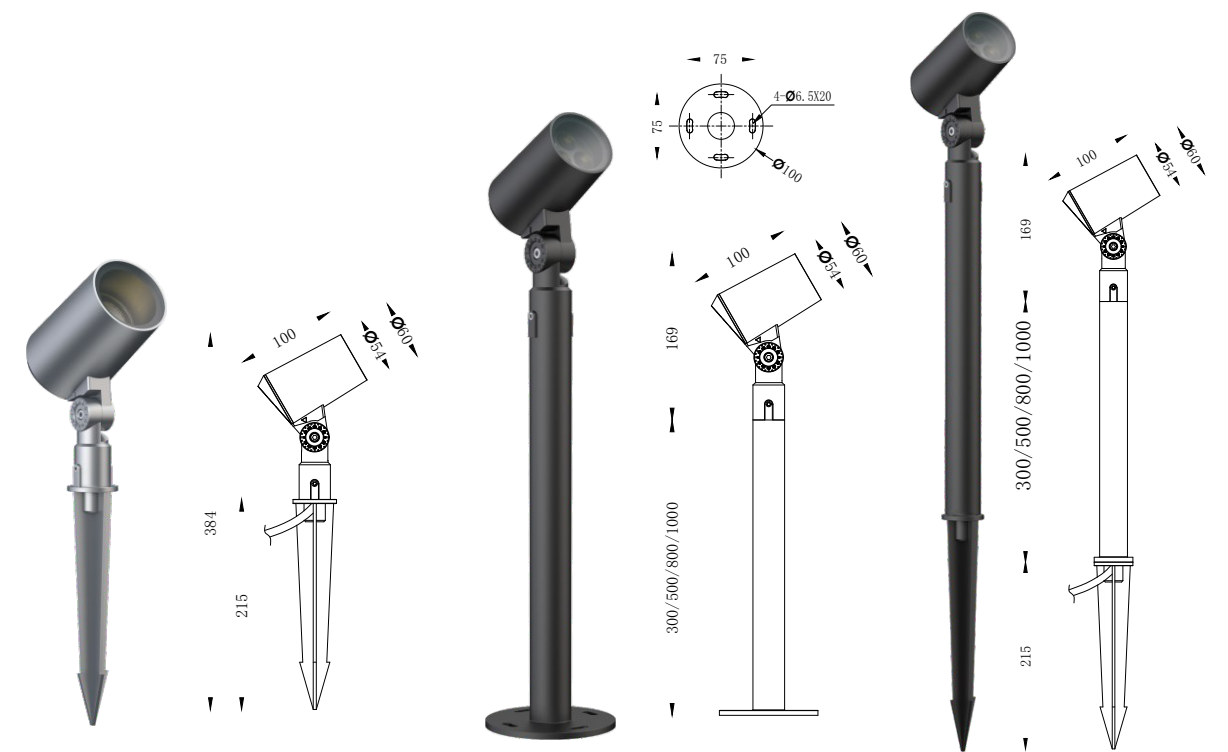
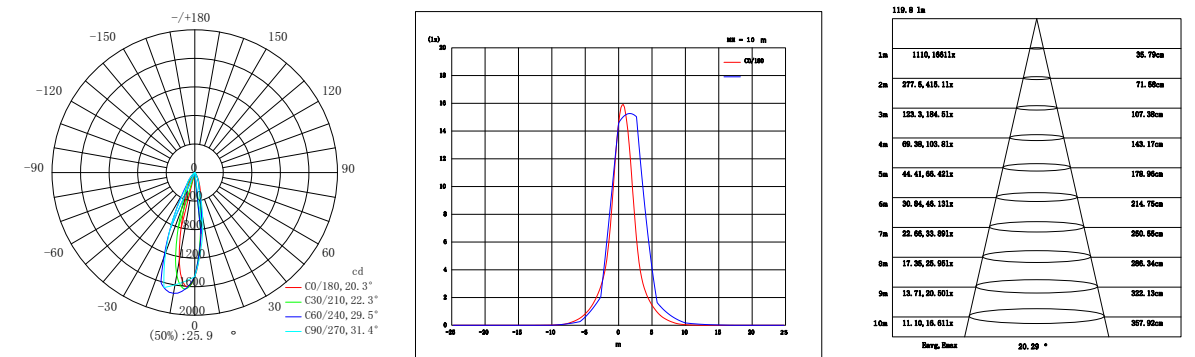
TBD3060R1



Product specifications

Item No.	TBD3060R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	1*4W	3*2W	1*6W	3*3W	3*4W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V		H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=366lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3060R1

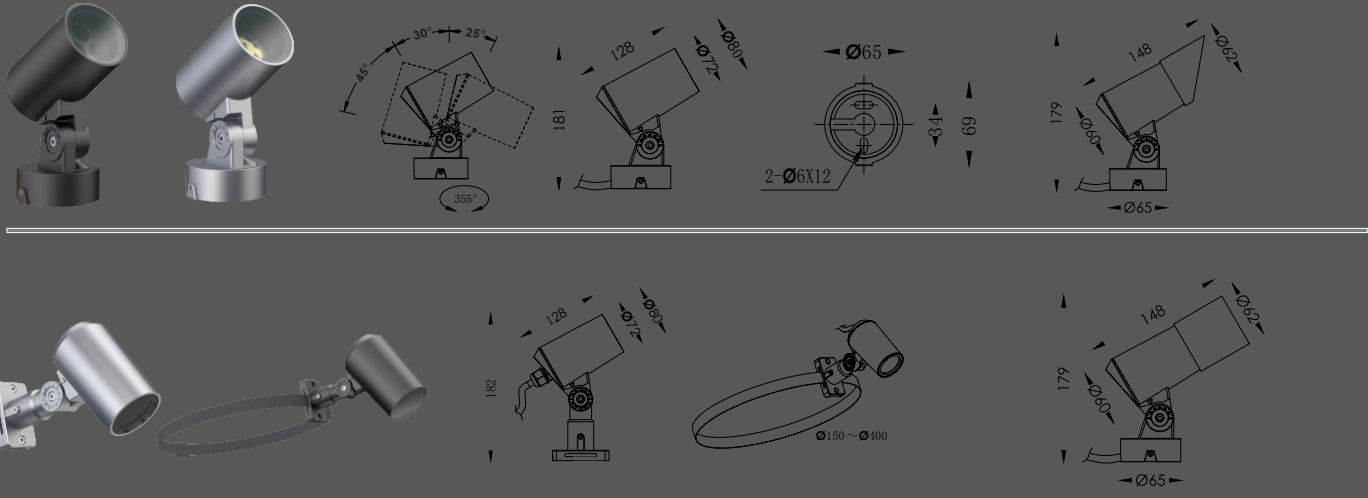
TBD3060R1

TBD3060R1

LP80
LED Landscape Spot Light



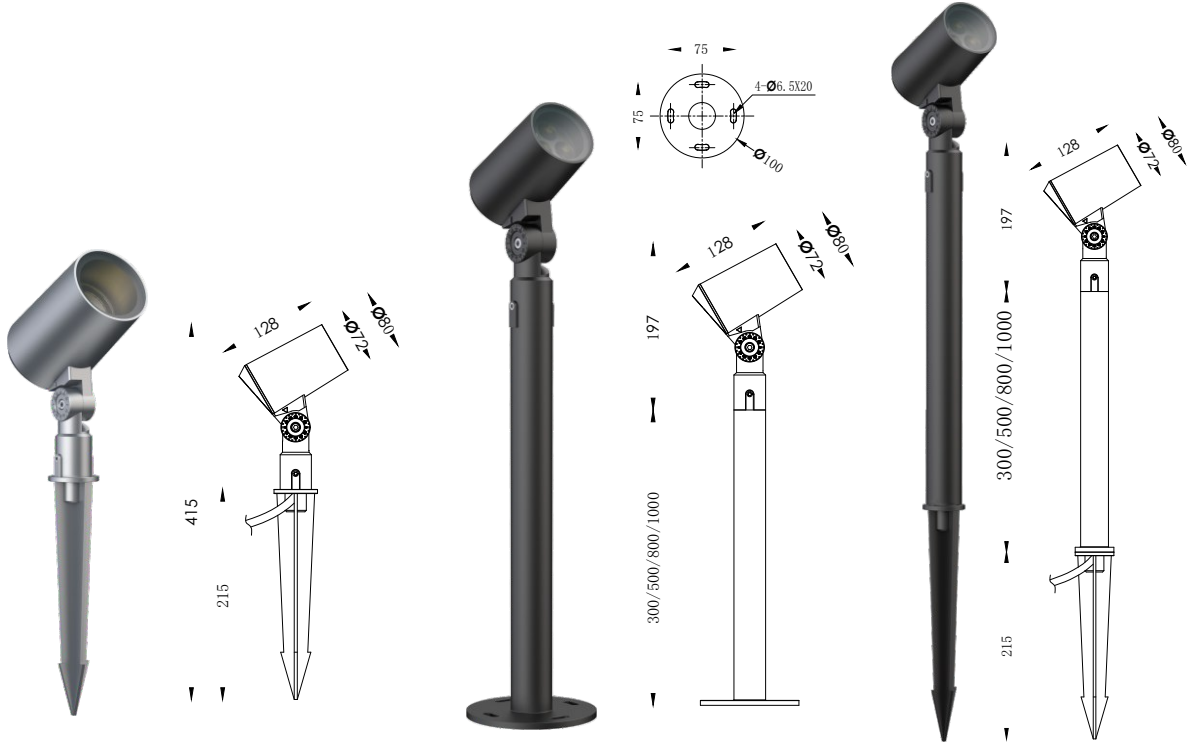
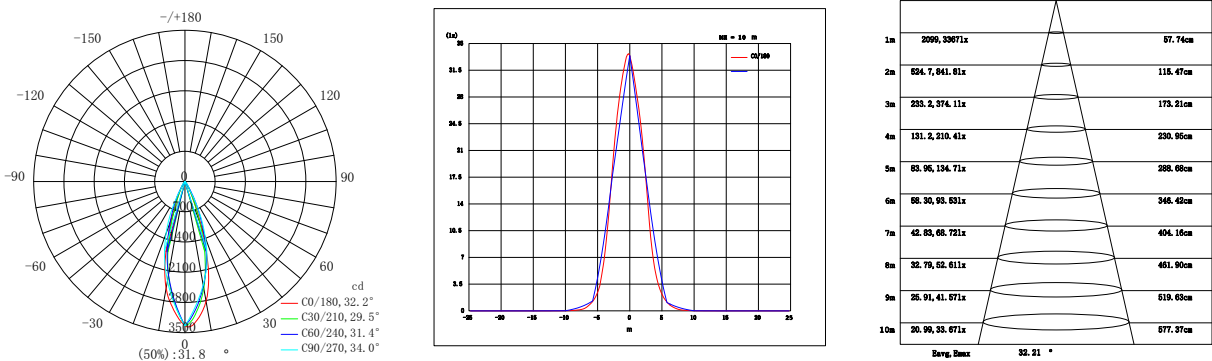
TBD3080R1



Product specifications

Item No.	TBD3080R1				
LED source	CREE XHP	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW{3000K,4000K,6000K}
Power	1*10W	4*3W	1*12W	4*3W	4*4W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=994lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3080R1

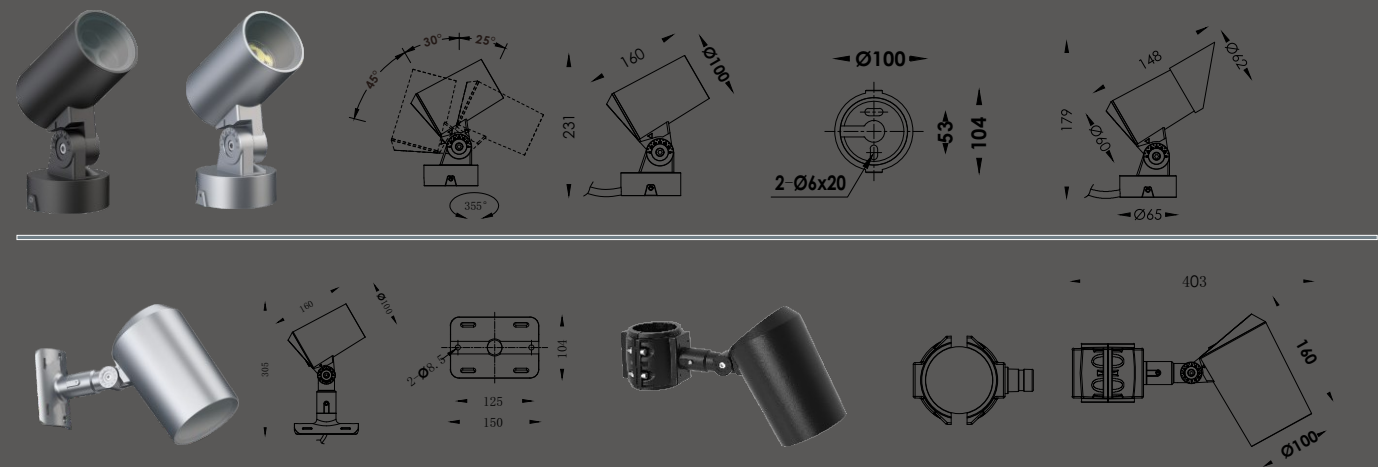
TBD3080R1

TBD3080R1

LP100
LED Landscape Spot Light



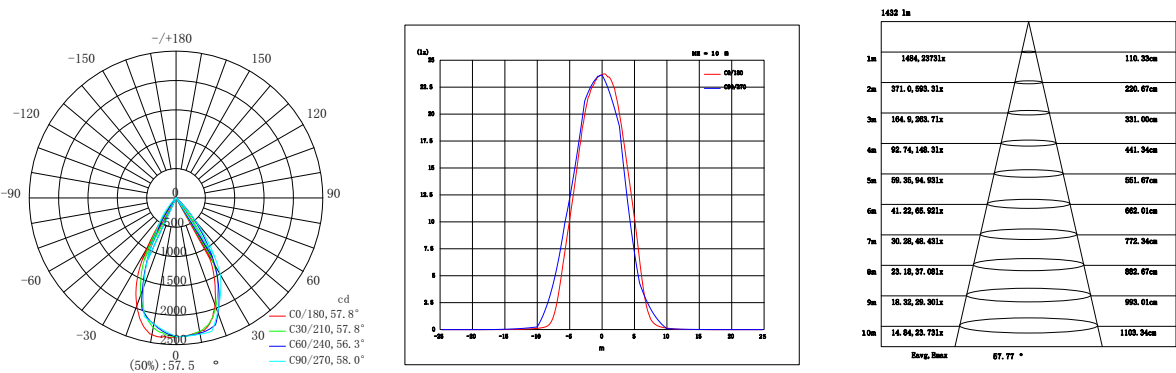
TBD3100R1



Product specifications

Item No.	TBD3100R1				
LED source	CREE XHP	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	3*6W	6*3W	1*20W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=1560lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3100R1

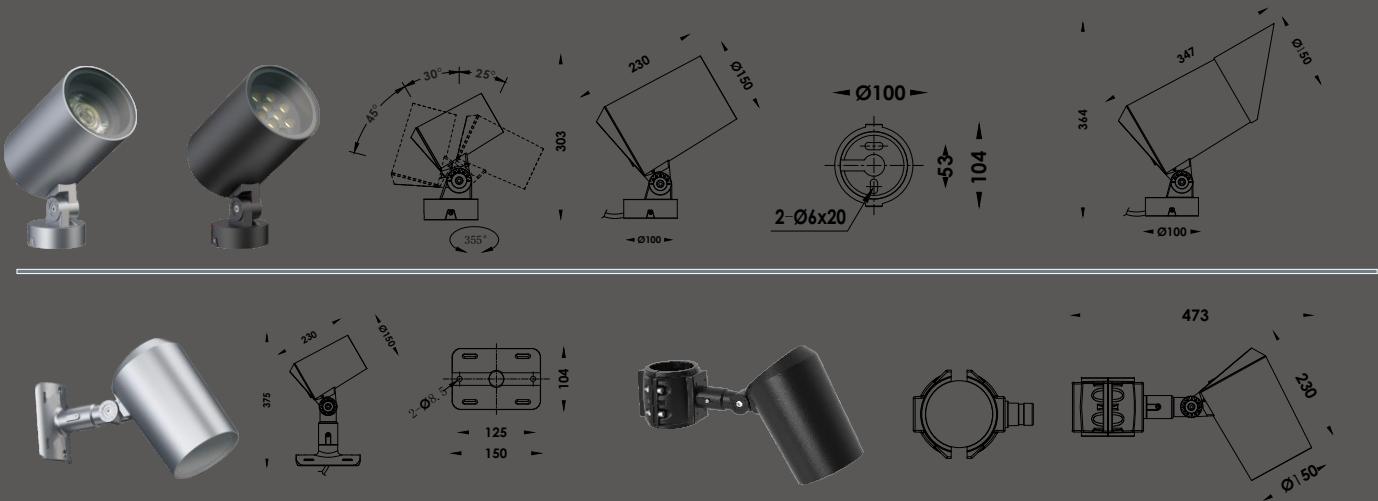
TBD3100R1

TBD3100R1

LP150
LED Landscape Spot Light



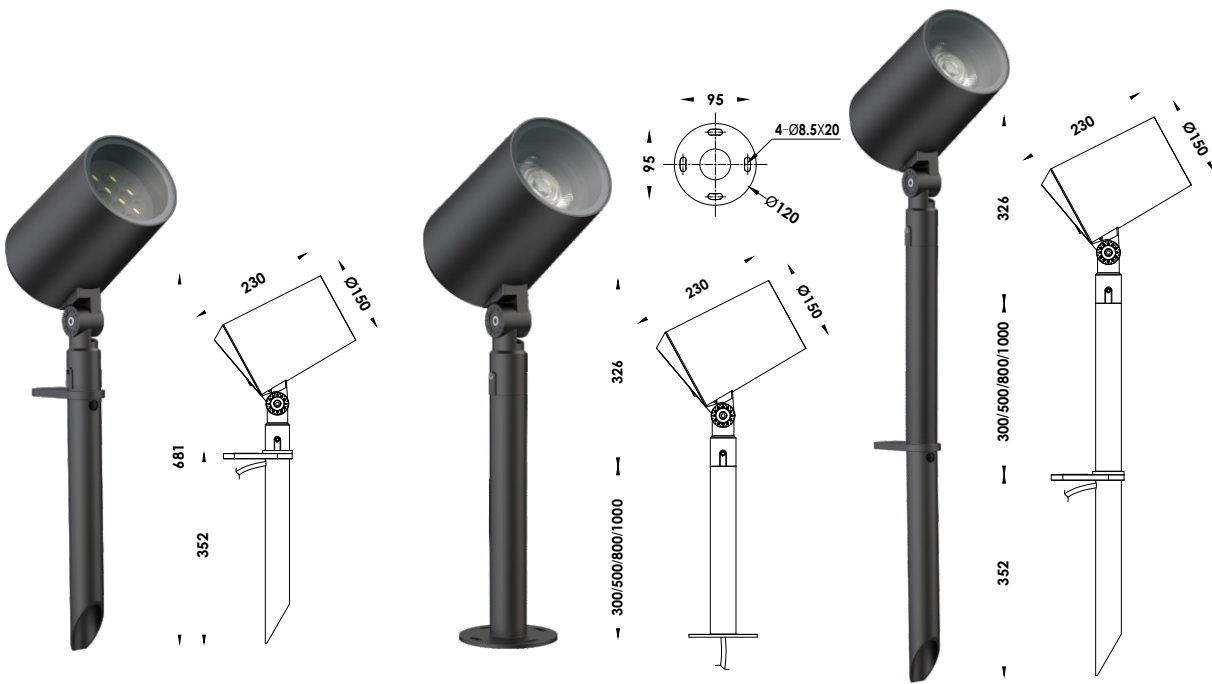
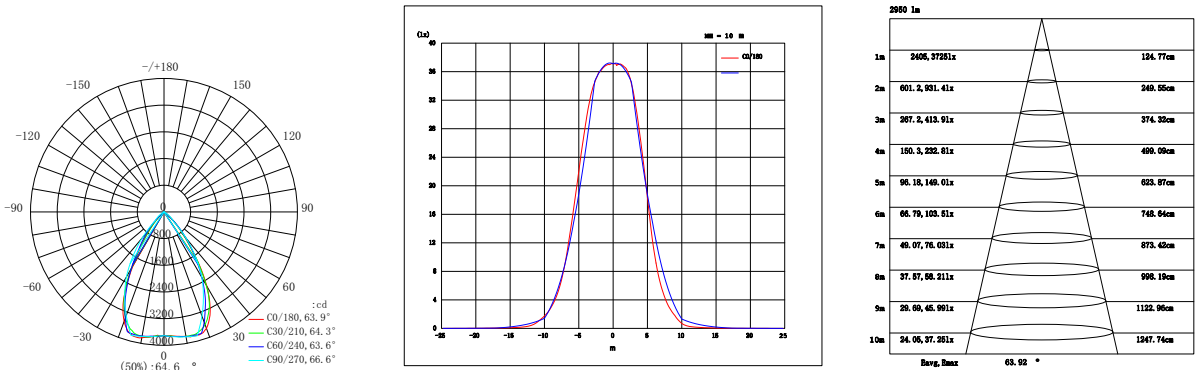
TBD3150R1



Product specifications

Item No.	TBD3150R1				
LED source	CREE XHP	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K-6500K	2000-10000K	2700-6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*7W	12*3W	1*40W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=3706lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

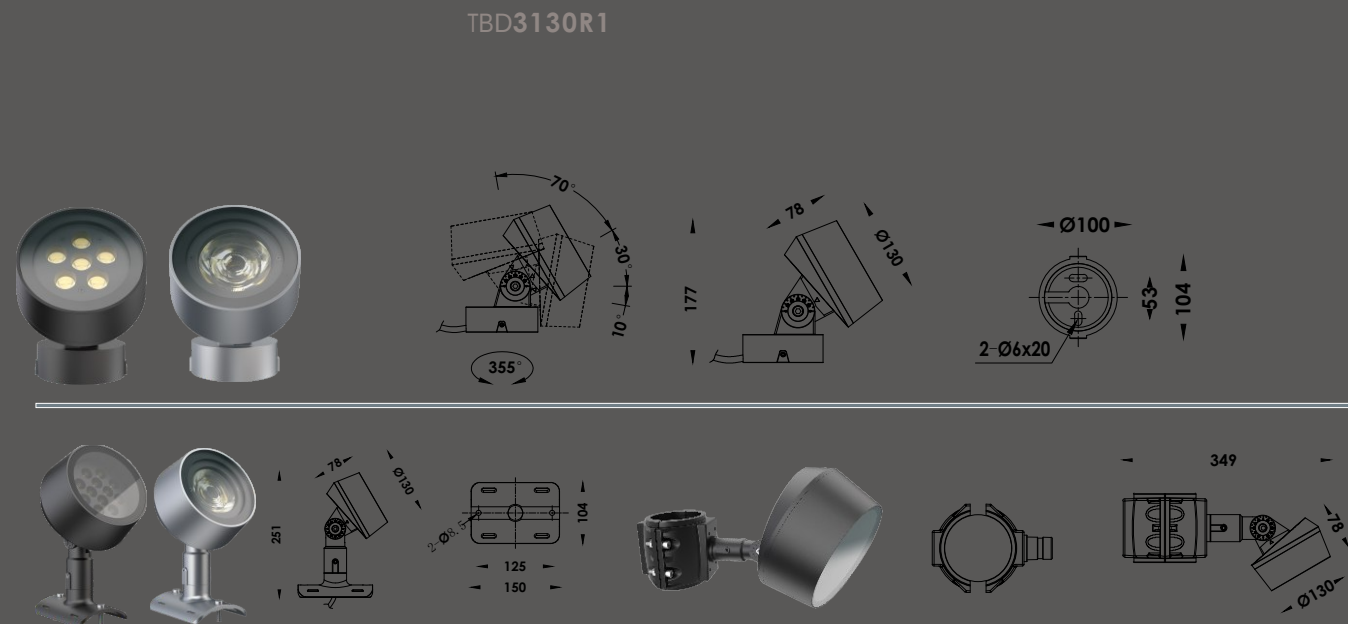


TBD3150R1

TBD3150R1

TBD3150R1

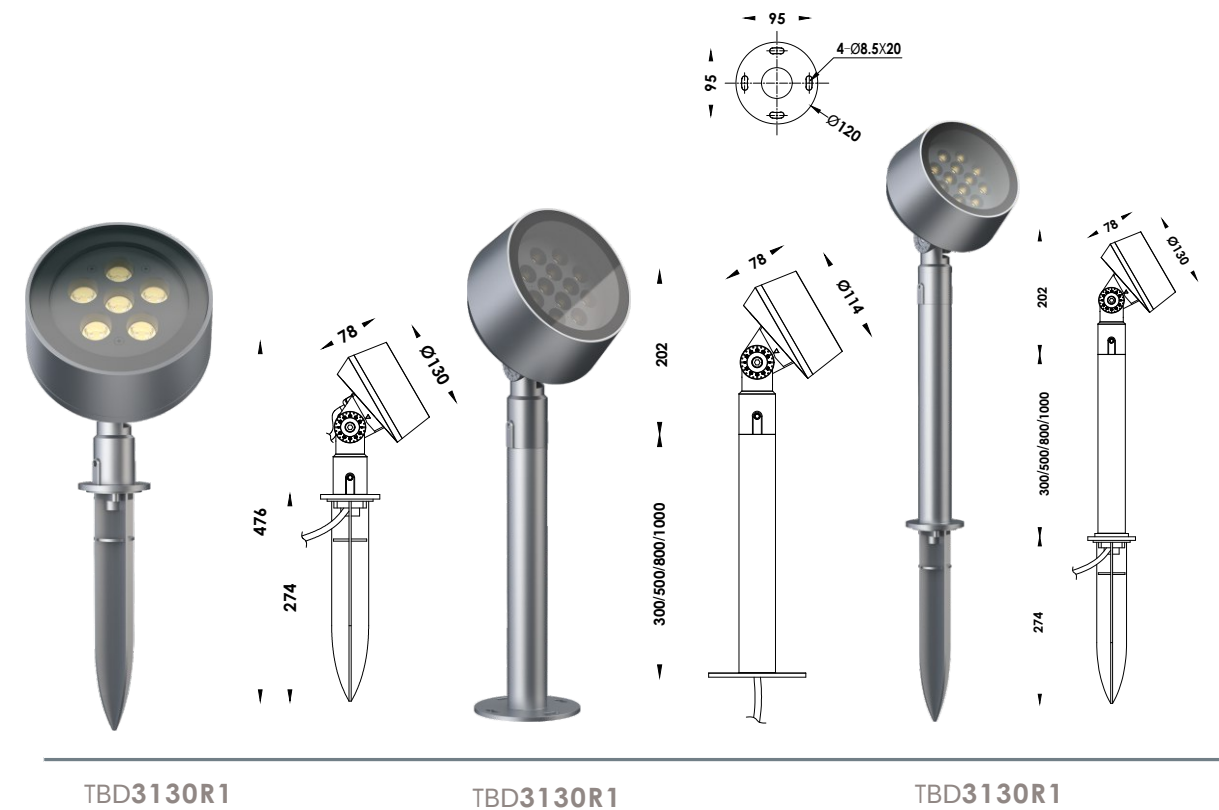
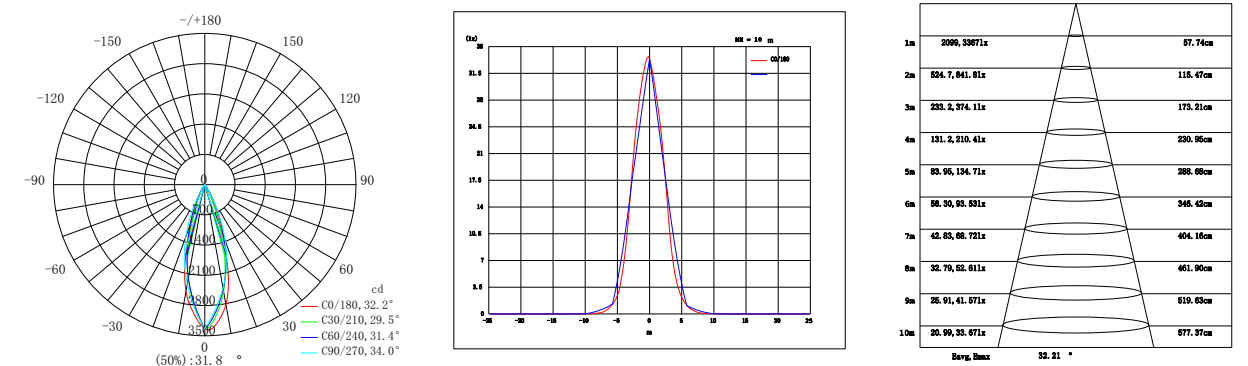
LED Landscape Spot Light



Product specifications

Item No.	TBD3130R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	3*4W	6*2W	1*15W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V		H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= 1m				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

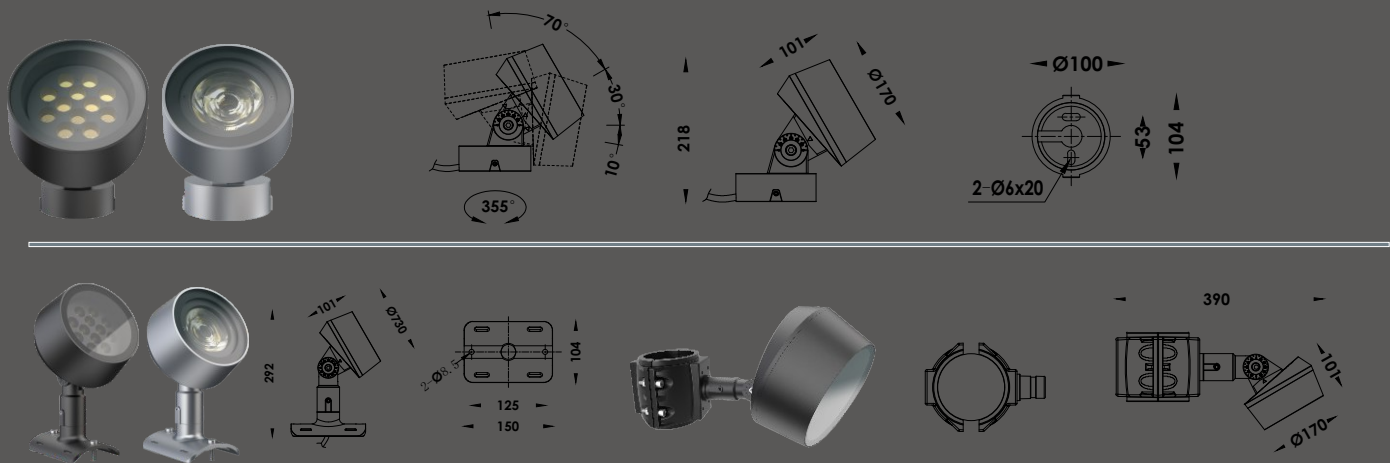
Light Distribution Curve



TW170
LED Landscape Spot Light

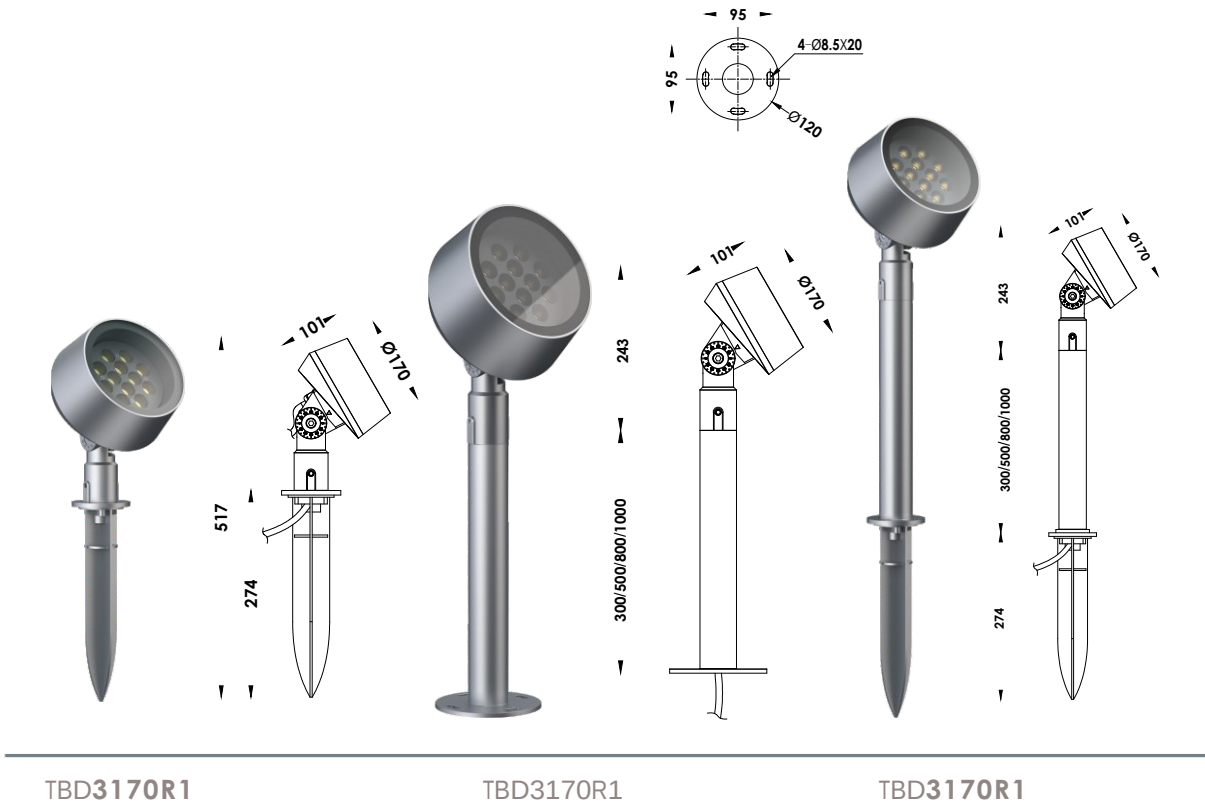
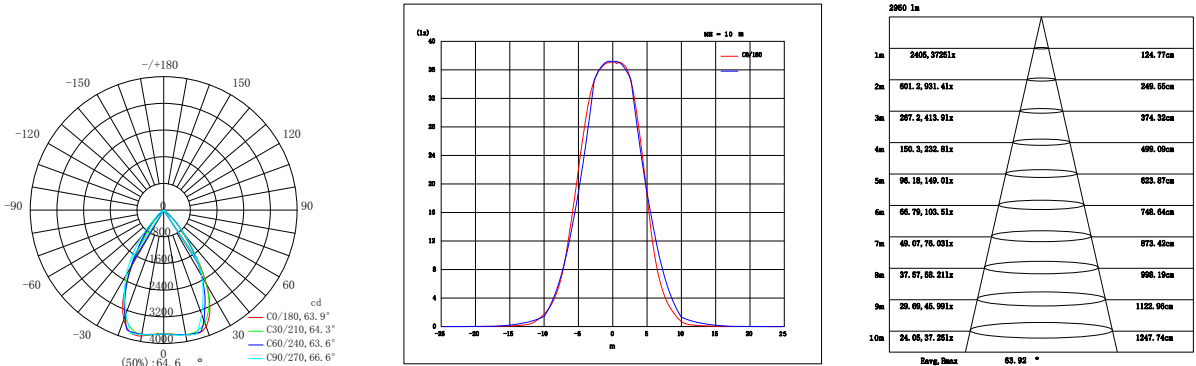


TBD3170R1

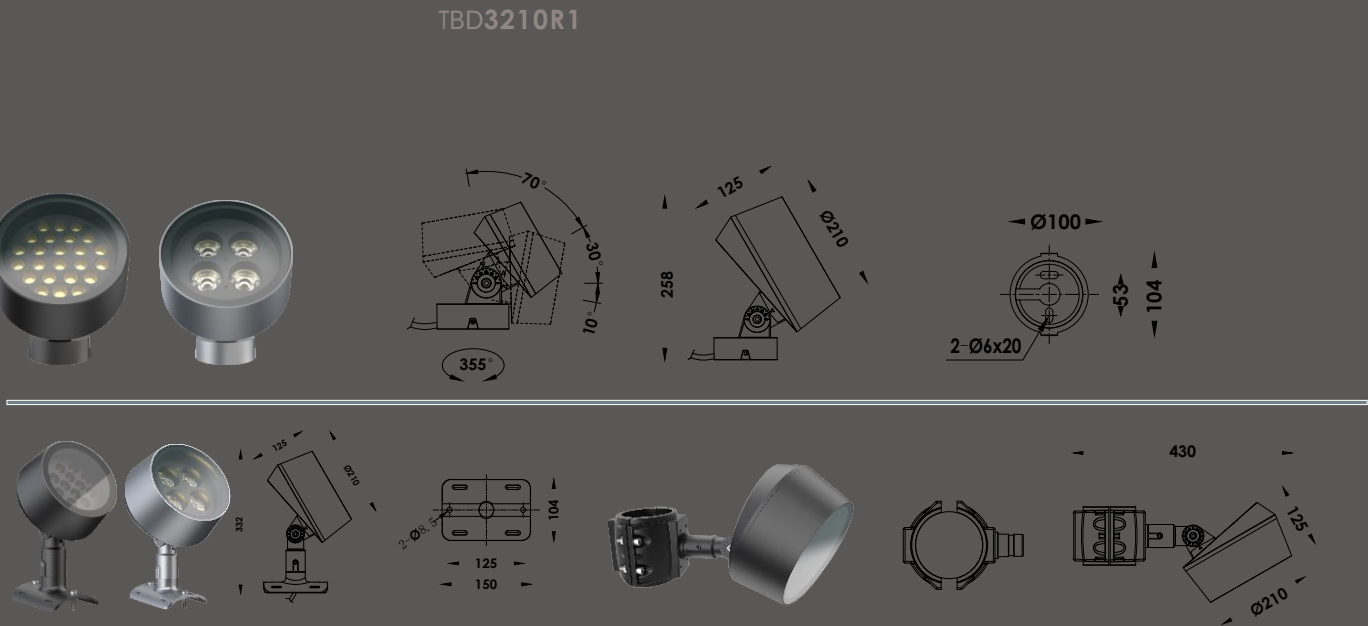


Product specifications					
Item No.	TBD3170R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*4W	12*2W	1*24W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

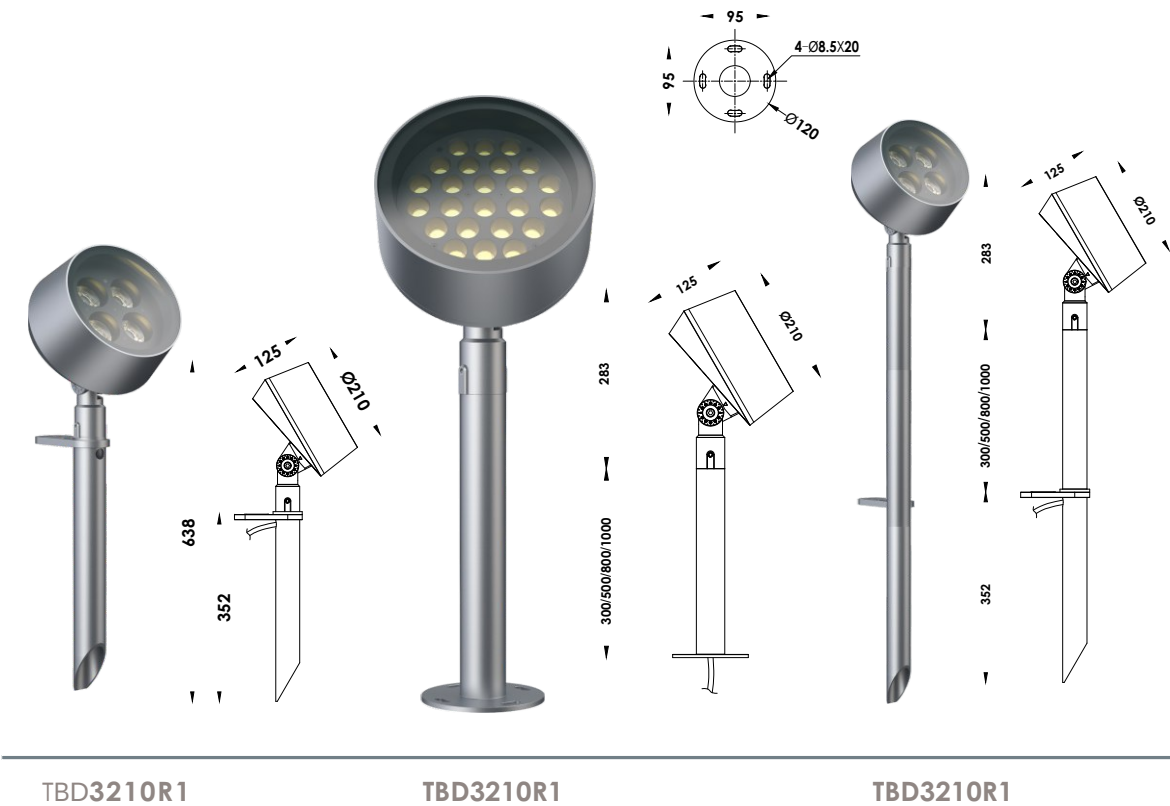
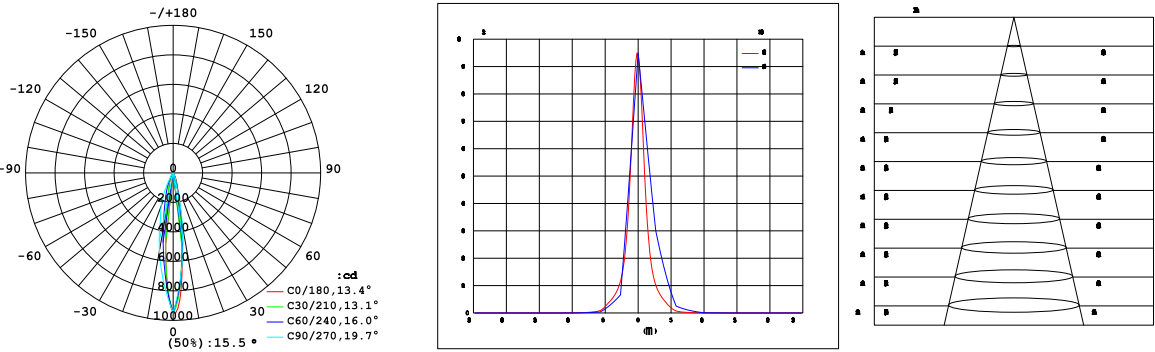


TW210
LED Landscape Spot Light



Product specifications					
Item No.	TBD3210R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	12*4W	24*2W	4*10W	24*3W	24*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

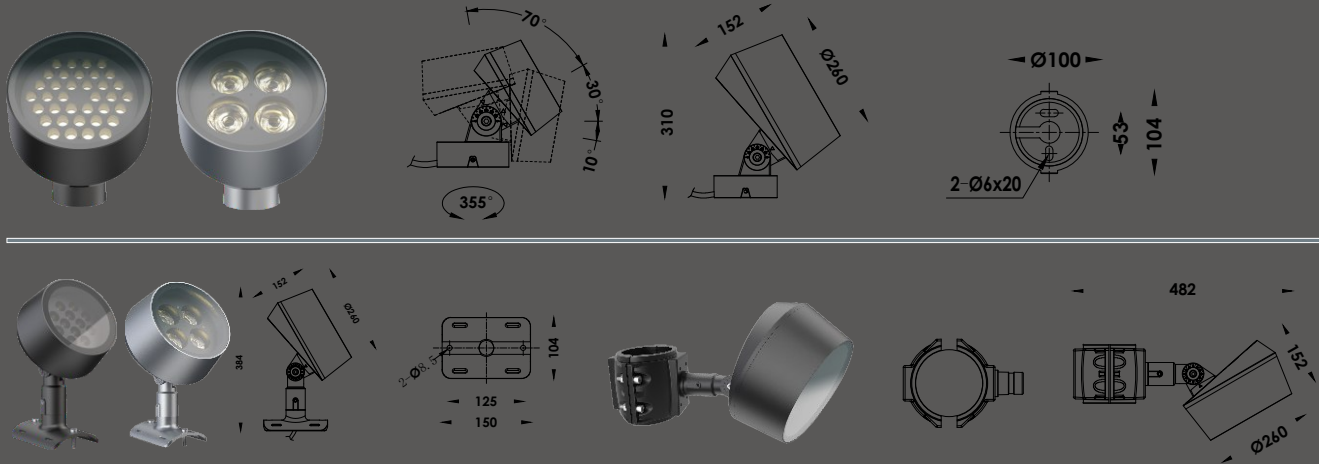
Light Distribution Curve



TW260
LED Landscape Spot Light

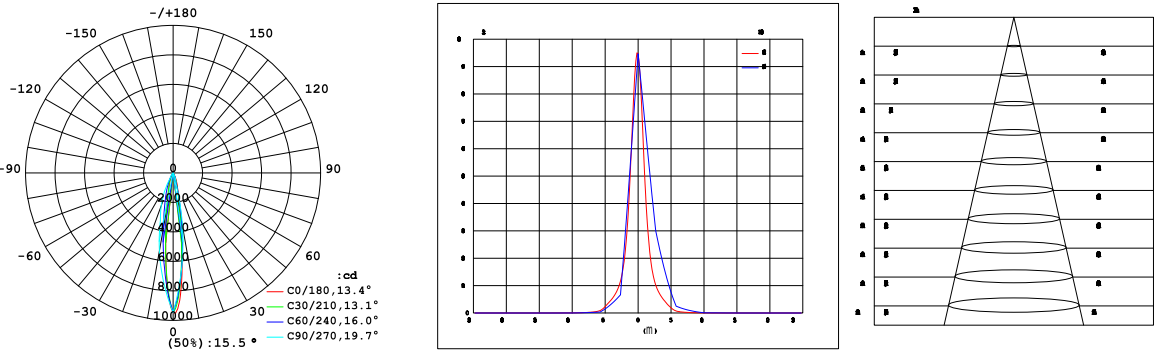


TBD3260R1



Product specifications					
Item No.	TBD3260R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	18*4W	36*1.7W	4*15W	36*3W	36*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3260R1

TBD3260R1

TBD3260R1

Square Type
LED Landscape Spot Light LS Series



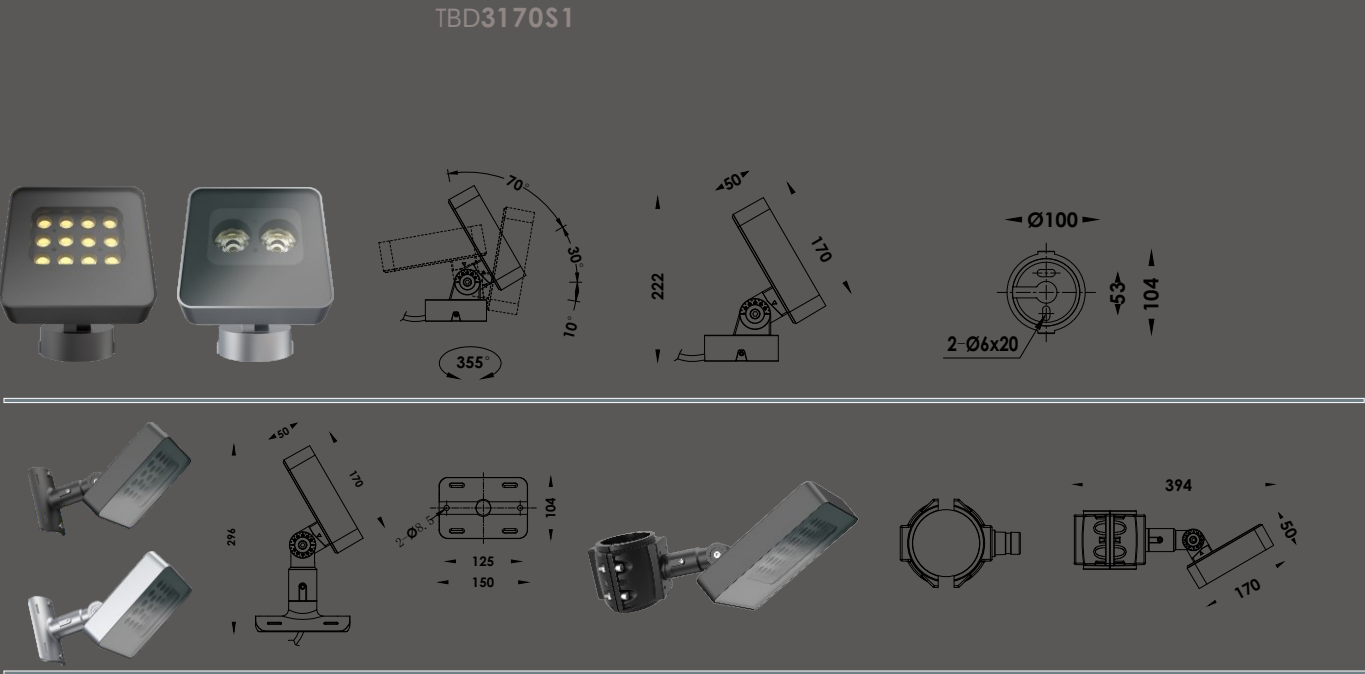
Optical Controlling Accessories



Optical Controlling Accessories

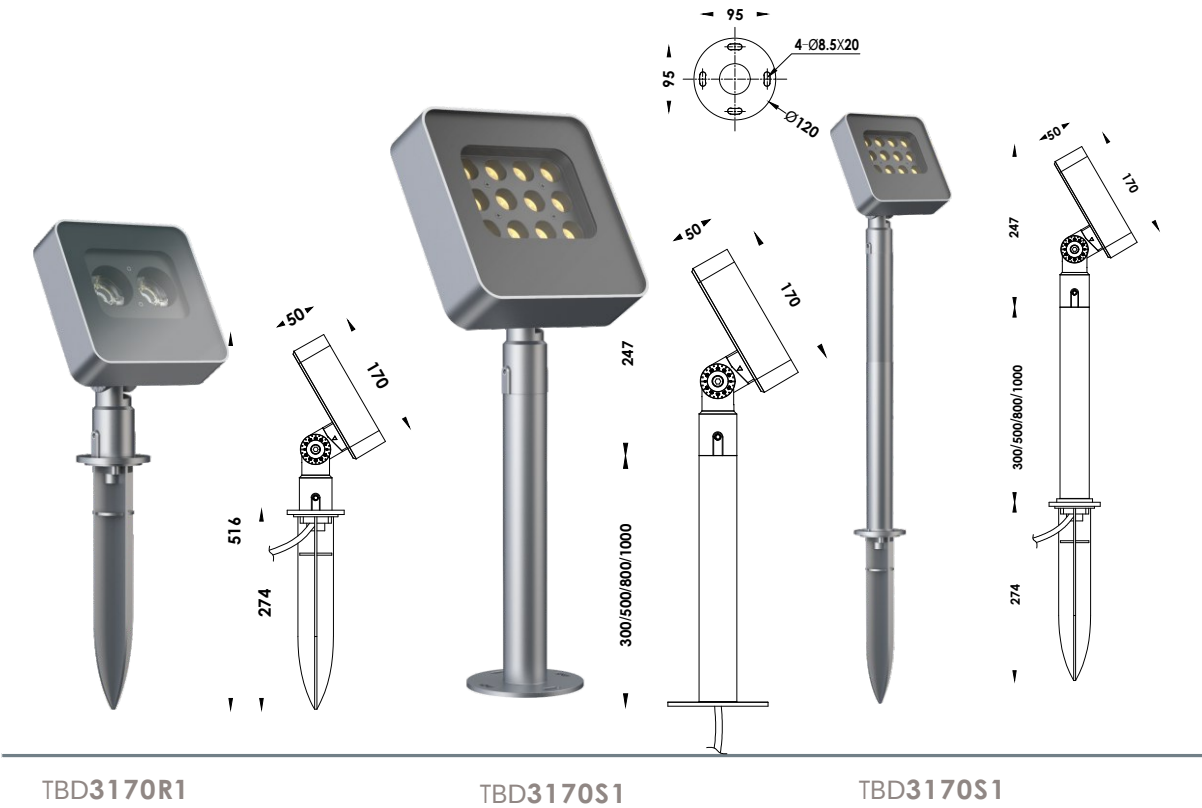
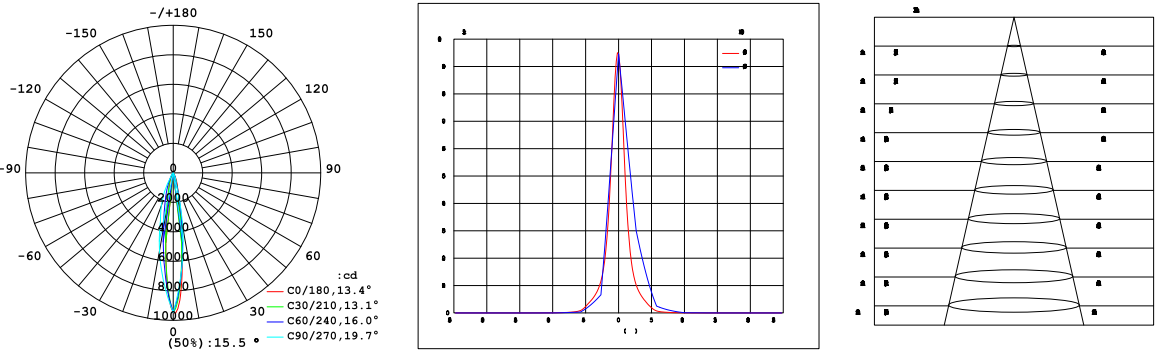


LS170
LED Landscape Spot Light



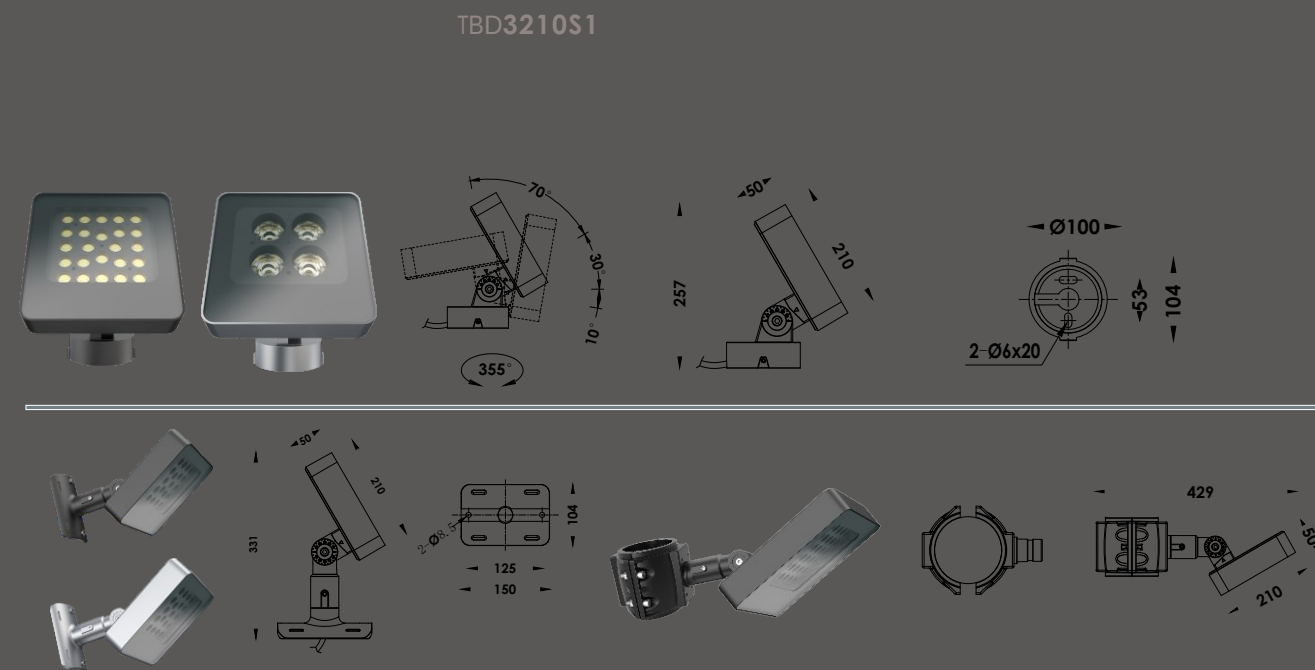
Product specifications					
Item No.	TBD3170S1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*4W	12*2W	2*10W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



LS210

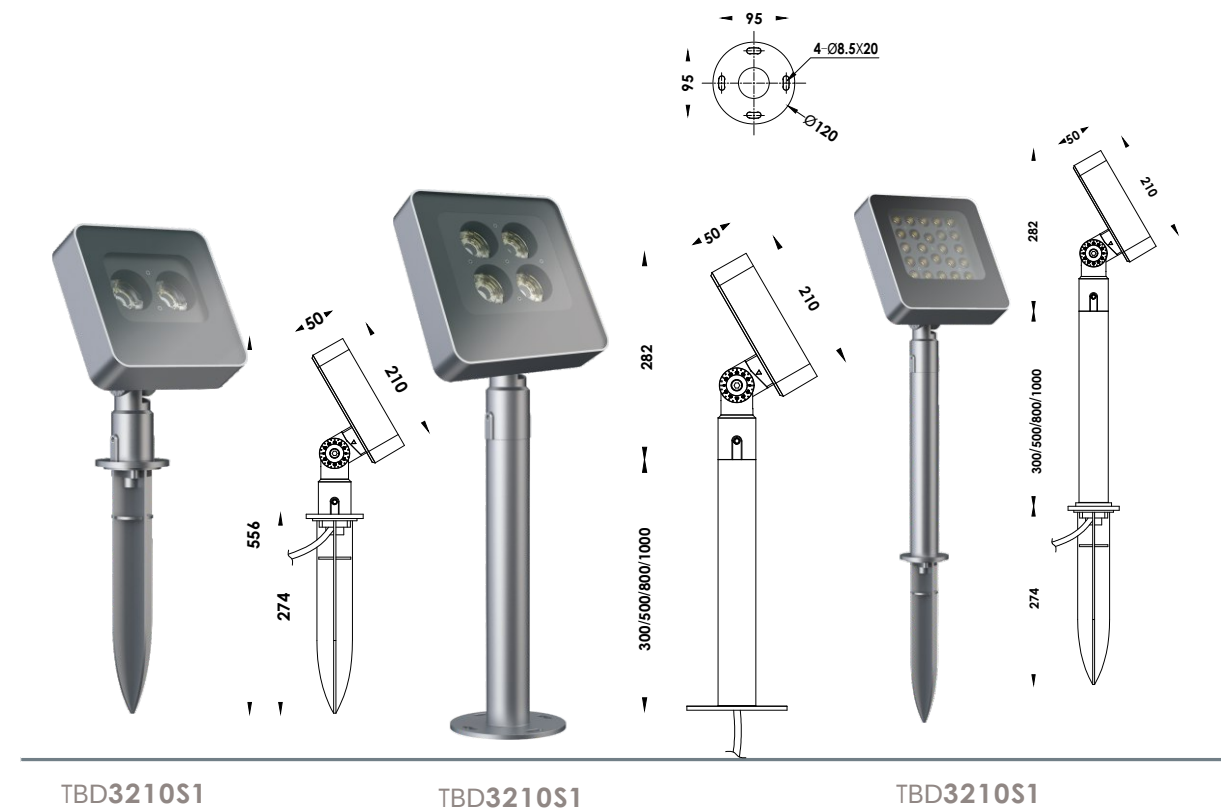
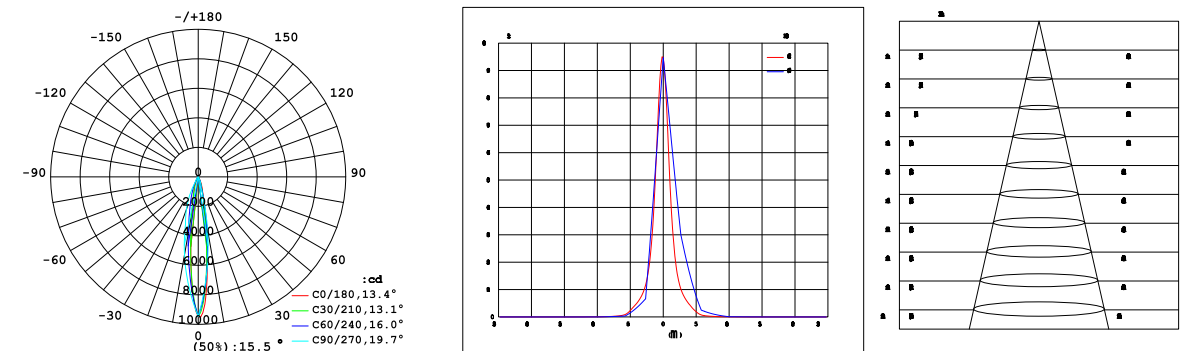
LED Landscape Spot Light



Product specifications

Item No.	TBD3210S1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	12*4W	24*2W	4*10W	24*3W	24*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²		RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²		
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= 1m				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

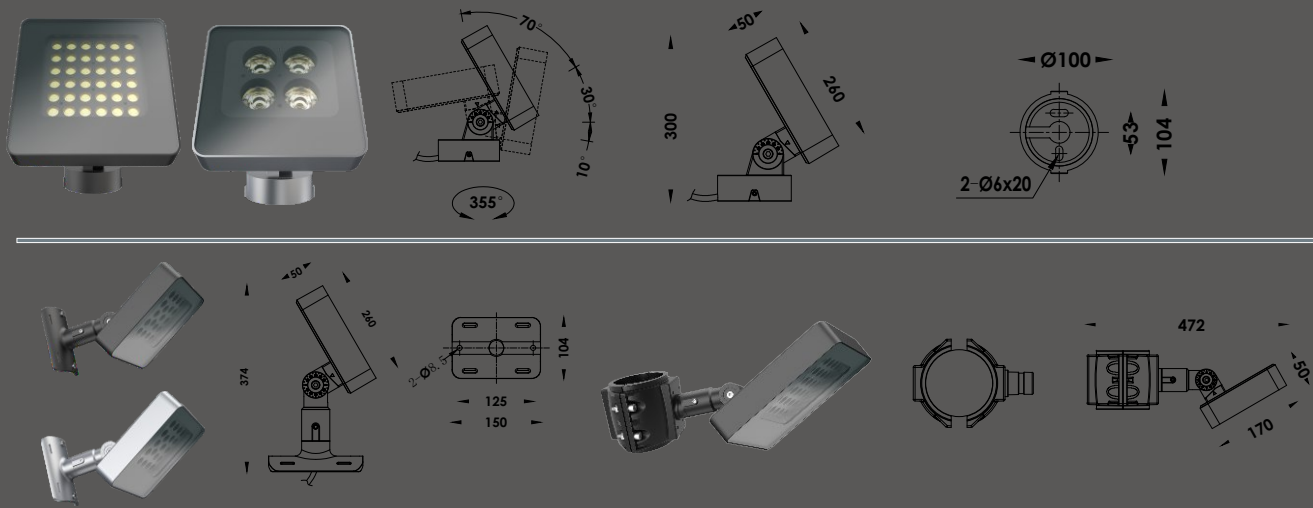
Light Distribution Curve



LS260
LED Landscape Spot Light

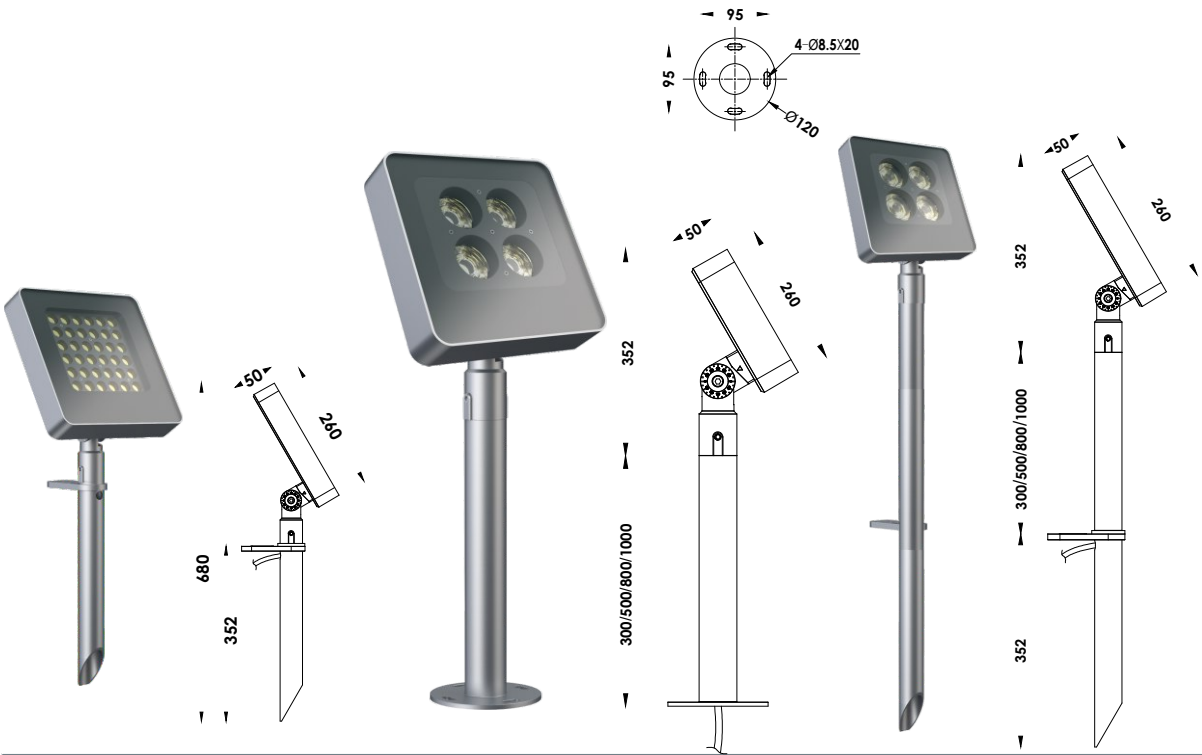
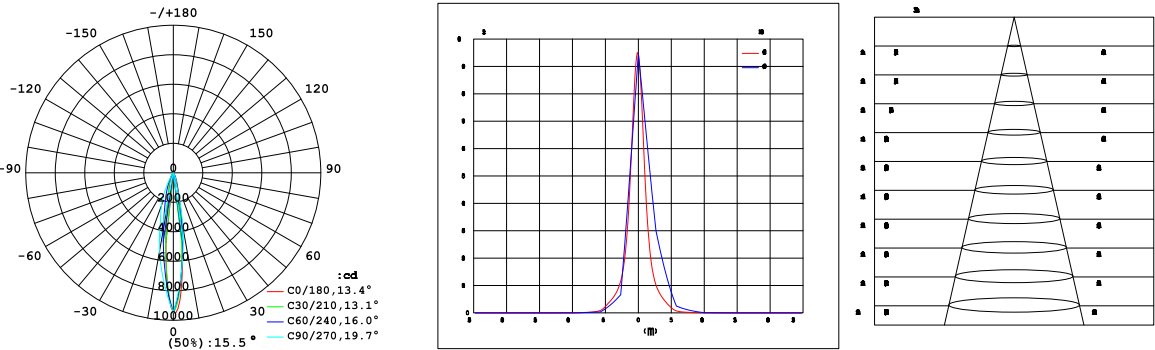


TBD3260S1



Product specifications					
Item No.	TBD3260S1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	18*4W	36*1.7W	4*10W	36*3W	36*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white= 1m				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3260S1

TBD3260S1

TBD3260S1

LED Landscape Spot Light 3H Series



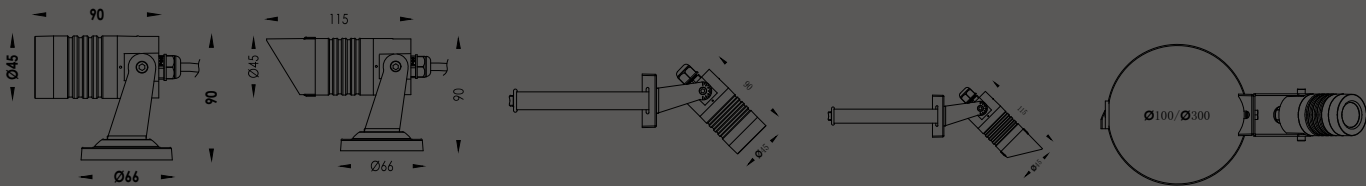
Product Introduction

- 1. Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time.
- 2. Ultra clear and highly strengthen 3mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
- 3. Environmental friendly highly strengthen ADC 12# die-casting aluminum housing with powder coated spraying process, could reach over 800 hours in salt spray test and ensure the usage in high humid, high acid, and high alkaline environments like seaside.
- 4. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available)
- 5. Use international top brand component driving module to guarantee the luminous stability and low breakdown probability.
- 6. Various accessories are optional, including high-impact ABS ground spike and 6063 power coated aluminum pole.
- 7. Various installation modes to satisfy multiple outdoor project requirements, such as multidirectional base mounting, multidirectional tree ring mounting and multidirectional ground spike mounting.
- 8. Support DMX512, 1-10V, DALI, TRIAC or PWM dimming control, which runs smoothly and softly.

3H45
LED Landscape Spot Light

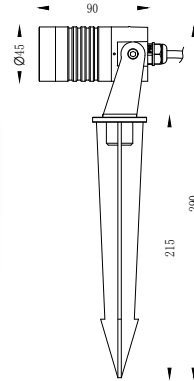
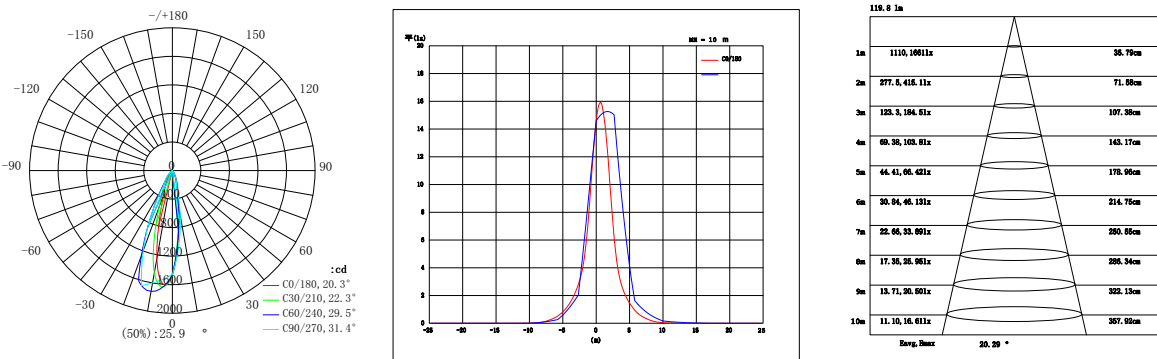


TBD3045R

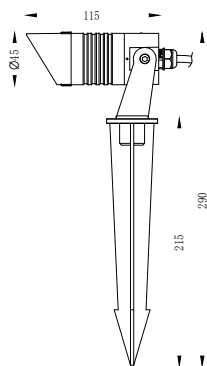


Product specifications					
Item No.	TBD3045R				
LED source	OSRAM/CREE	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	8°/15°	25°/40°/60°	15°/25°/40°/56° 10°/60°/20°/30°	13°/25°/40°/60°	13°/25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	1*5W	1*5W	1*5W	1*3W	1*4W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	04				
Luminance(lm)	Warm white=-lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3045R1



TBD3045R3

3H65

LED Landscape Spot Light

IP65

RoHS

CE

1-10V

Triac

PWM

DALI

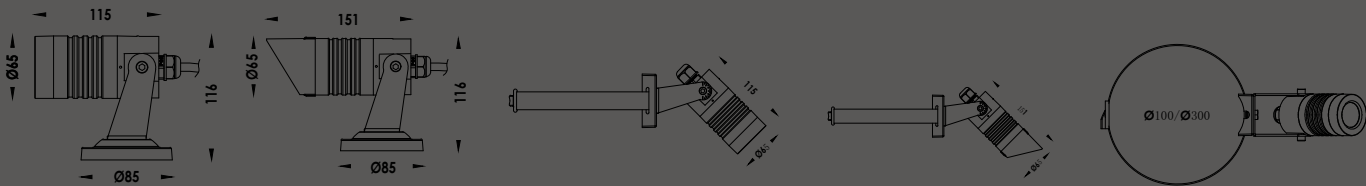
DMX512

RGB

RGBW

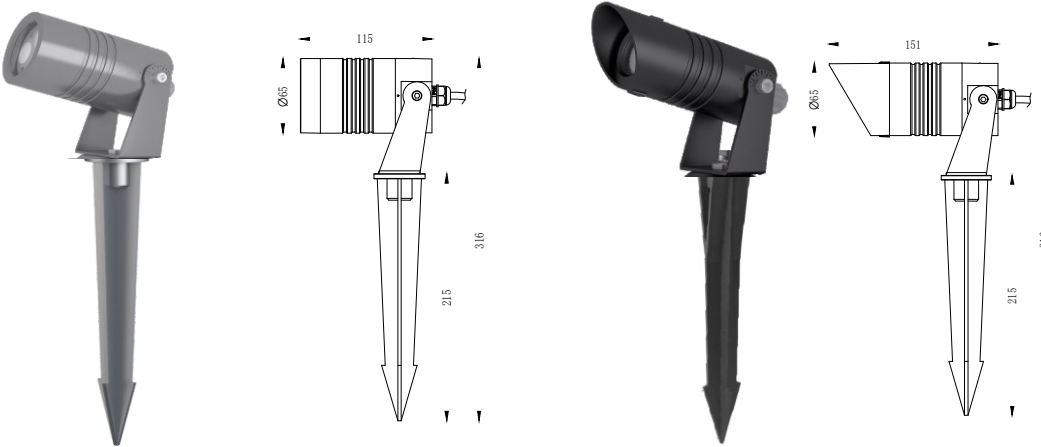
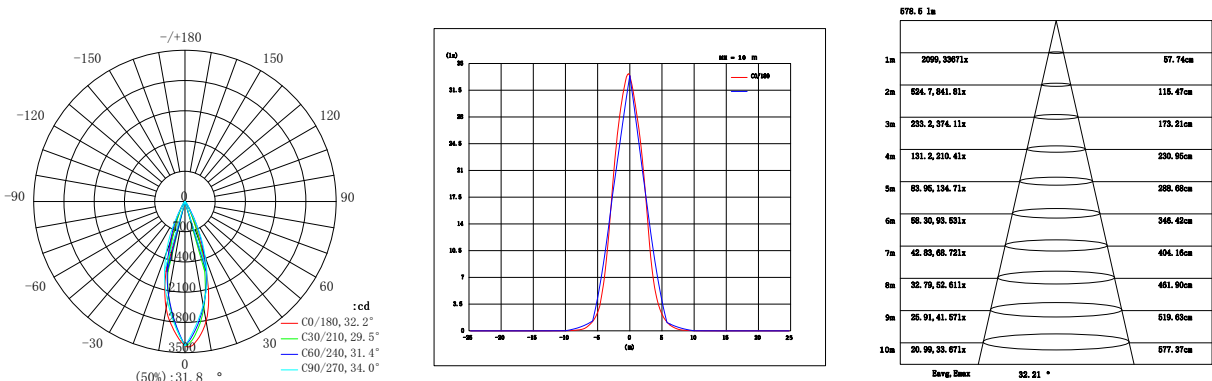


TBD3065R



Product specifications					
Item No.	TBD3065R				
LED source	OSRAM/CREE	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	8°/15°	25°/40°/60°	15°/25°/40°/56° 10°/60°/20°/30°	13°/25°/40°/60°	13°/25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	3*4W	3*4W	1*11W	3*3W	3*4W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	04				
Luminance(lm)	Warm white=-lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3065R1

TBD3065R3

3H75
LED Landscape Spot Light

IP65

RoHS

CE

1-10V

Triac

PWM

DALI

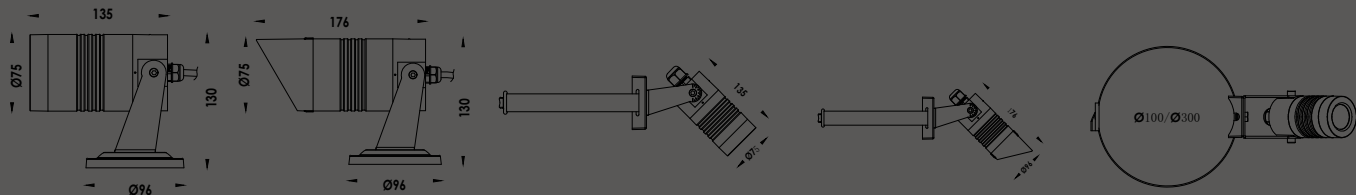
DMX512

RGB

RGBW

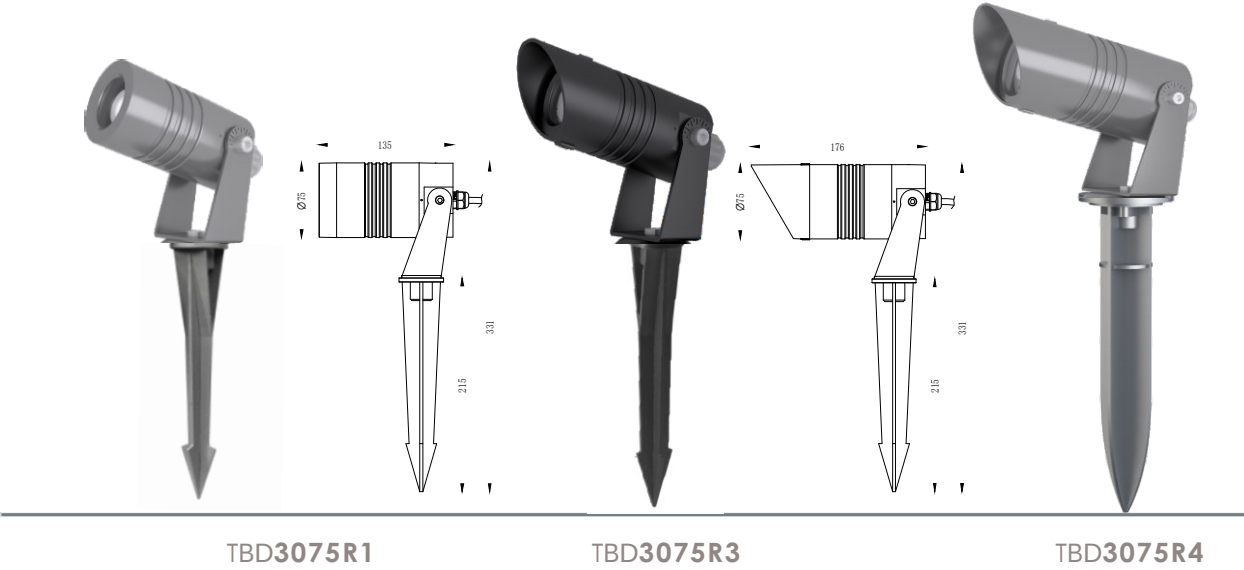
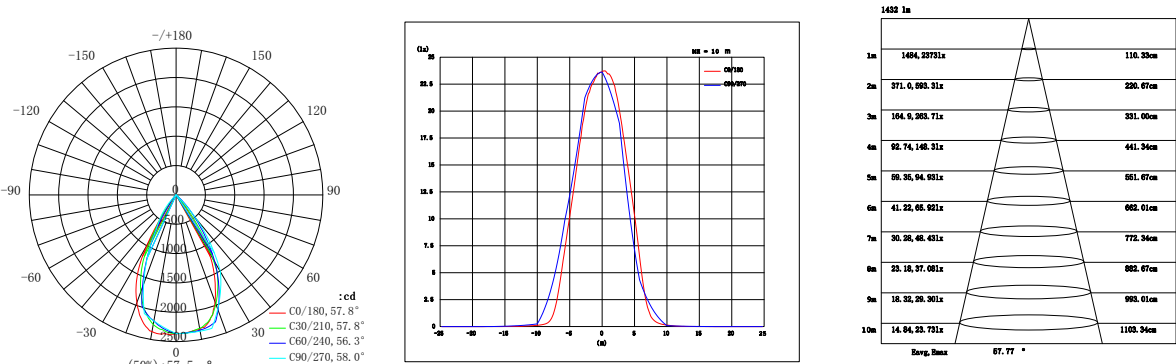


TBD3075R



Product specifications					
Item No.	TBD3075R				
LED source	OSRAM/CREE	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	8°/15°	25°/40°/60°	15°/25°/40°/56° 10°/60°/20°/30°	13°/25°/40°/60°	13°/25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	4*3.5W	4*3.5W	1*15W	4*3W	4*3.5W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	04				
Luminance(lm)	Warm white=-lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



TBD3075R1

TBD3075R3

TBD3075R4

LED Landscape Spot Light

IP65 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX 512 RGB RGBW



TBD3115R

TBD3173R

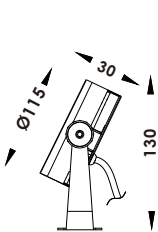
LED Landscape Spot Light

IP65 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX 512 RGB RGBW

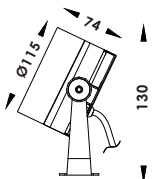


TBD3075R

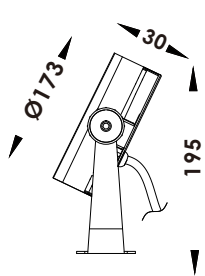
TBD3075R



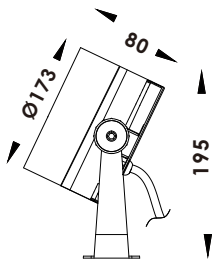
TBD3115R2A



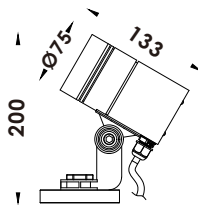
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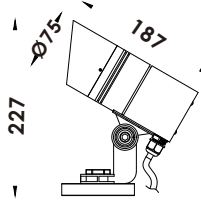
TBD3173R2A



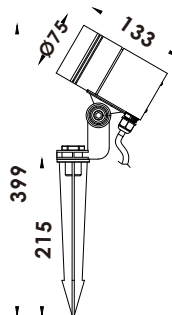
TBD3173R3A



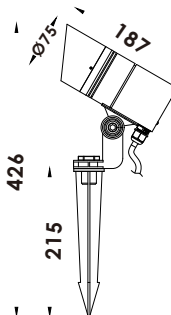
TBD3075R1A



TBD3075R3A



TBD3075R1A



TBD3075R3A

External 220-240VAC input voltage / external DMX512 decoder

Product specifications					
Item No.	TBD3115R		TBD3173R		
LED source	OSRAM/CREE	CREE COB	OSRAM/CREE	CREE COB	OSRAM
Beam angle	15°/25°/40°/60°	25°/40°/60°	15°/25°/40°/60°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2700~6500K	2700~6500K	2700-6500K	2700-6500K
Power	3*2W	1*6W	6*2W	1*12W	9*1.5W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		
Operating temperature	-20℃ ~ 40℃				
IK rate	04				
Luminance(lm)	Warm white=-lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Product specifications	
Item No.	TBD3075R
LED source	CREE 1512
Beam angle	18°/24°/38°
LED color	2700K~6500K
Power	1*13W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	04
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI

LED Landscape Spot Light

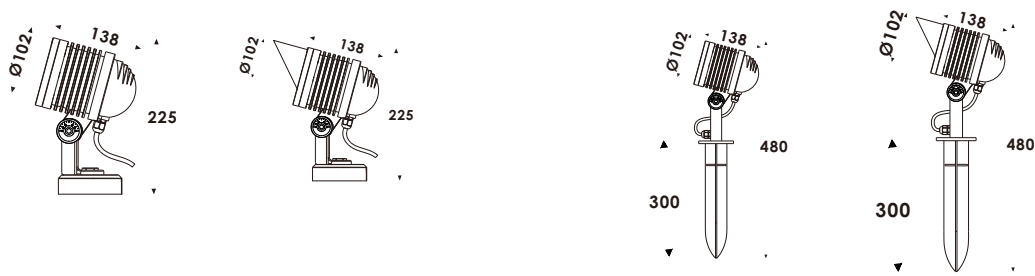


TBD3102R

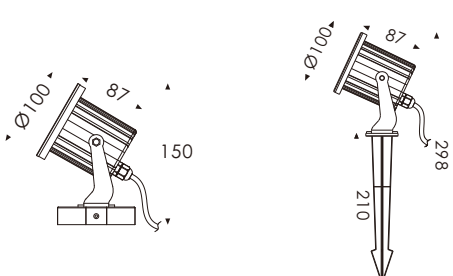
LED Landscape Spot Light



TBD3100C

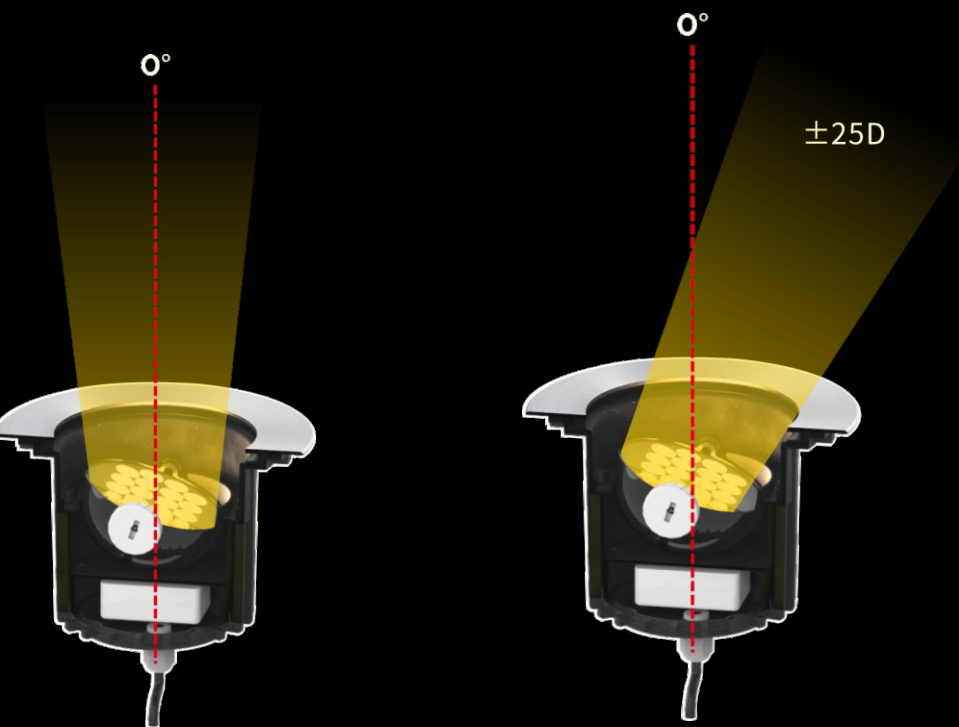


Product specifications			
Item No.	TBD3102R		
LED source	OSRAM/CREE	OSRAM/CREE	CREE COB
Beam angle	8°/15°/25°/40°/60°	15°/25°/40°/60°	25°/40°/60°
LED color	2700K~6500K/RGB 3IN1	2700~6500K/RGB 3IN1/RGBW	2700~6500K
Power	5*2W	6*2W	1*13W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²	
Operating temperature	-20℃~40℃		
IK rate	04		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		



Product specifications	
Item No.	TBD3100C
LED source	OSRAM/CREE CREE COB
Beam angle	15°/25°/40° 25°/40°/56°
LED color	2700K~6500K 2700~6500K
Power	3*2W 1*6W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	04
Luminance(lm)	Warm white=-lm
Dimmable support	-

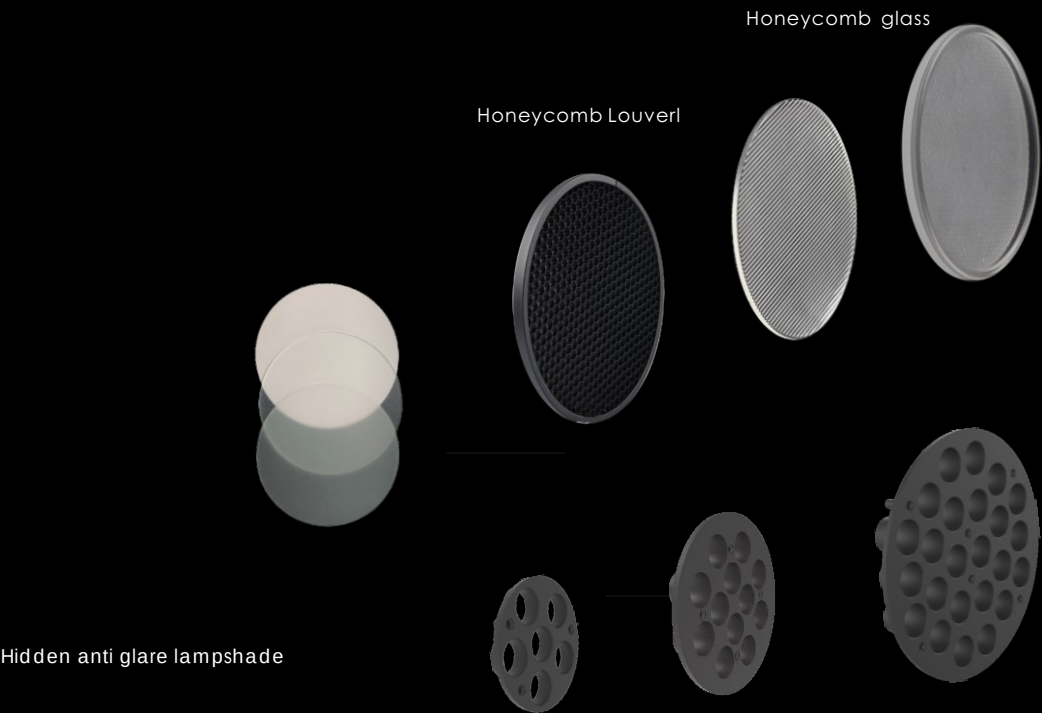
LED Inground Light
Adjustable Beam Direction AY Series



Product Introduction

- 1.The products are self - developed with independent intellectual property rights and utility model patents.
- 2.Beam direction of luminaire can be 25° adjustable by external knob of the luminaire. Unique spherical heat dissipation structure design enables the luminaire with excellent heat dissipation and helps prolong lifespan of the product..
- 3.Front ring of luminaire made of Tetanizing 316L stainless steel while lamp housing made of environmental and high tensile ACD12# die-casting aluminum, and the surface of lamp housing is with American Tiger Powder Paint Treatment, suitable for high-acid and alkali environments use.
4. Ultra clear and highly strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
- 5.Uses CREE LED with super brightness, high CRI 80+ (even 90+ is available) and Uniformity of light Color as its light source.
- 6.Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate.
- 7.Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function.
- 8.Accessory: high-impact durable ABS mounting sleeve.

Optical Controlling Accessories

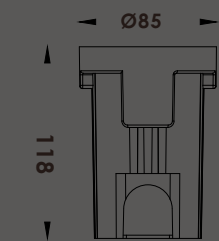
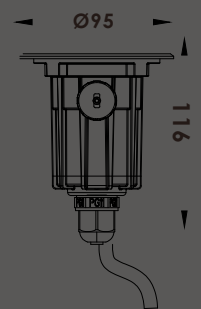


AY1000

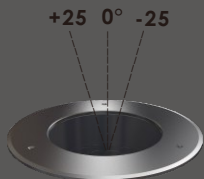
LED Hight Power Inground Light



TBD2095R1AA1Y

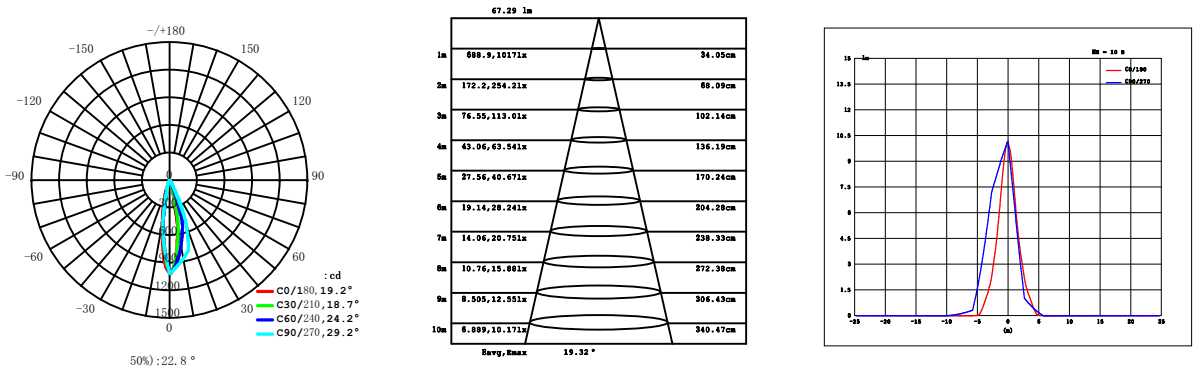


Mounting sleeve



Product specifications				
Item No.	TBD2095R1			
LED source	CREE XPG	OSRAM/CREE	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	1*2W	1*2W	1*3W	1*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve



AY2000

LED Hight Power Inground Light

IP67

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

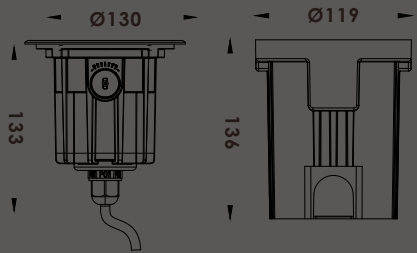
RGBW

±25°

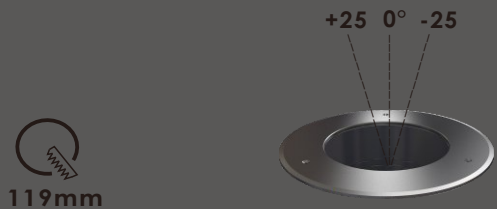
ADJUSTABLE



TBD2130R1

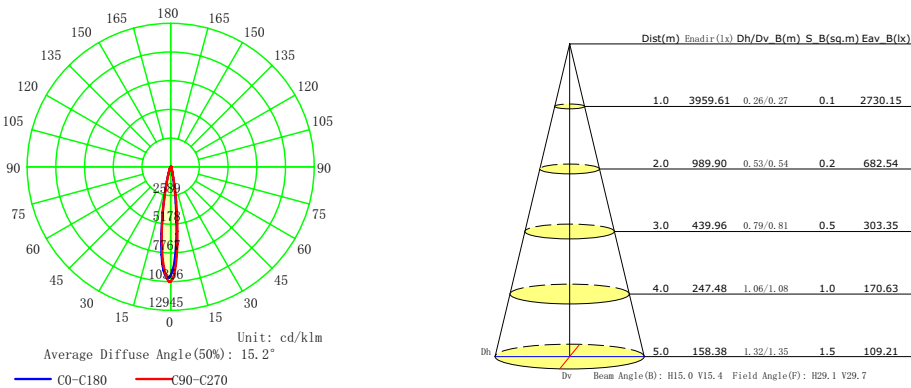


Mounting sleeve



Product specifications					
Item No.	TBD2130R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	2*3W	3*2W	1*6W	3*3W	3*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=406lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

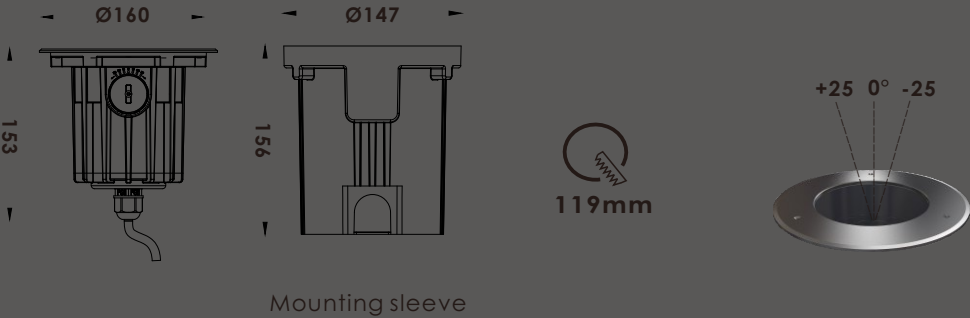


AY3000

LED Hight Power Inground Light

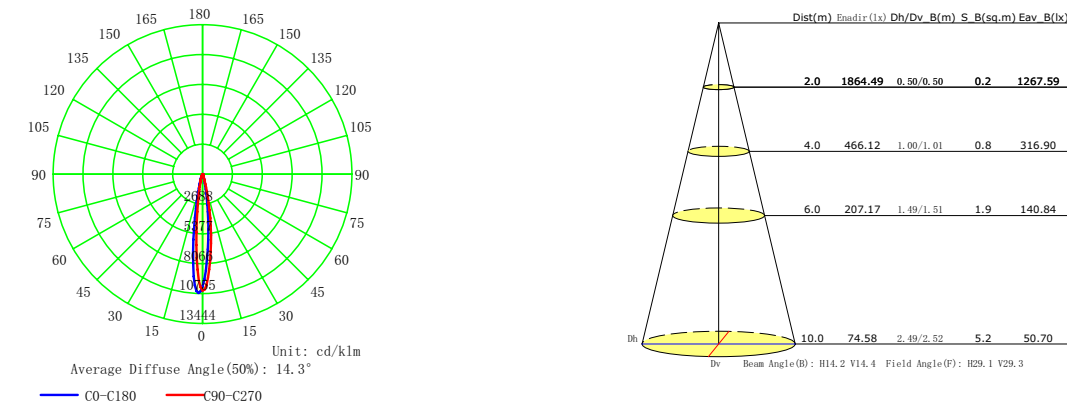


TBD2160R1



Product specifications					
Item No.	TBD2160R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	4*3W	6*2W	1*12W	4*3W	4*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=736lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



AY4000

LED Hight Power Inground Light

IP67

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

RGBW

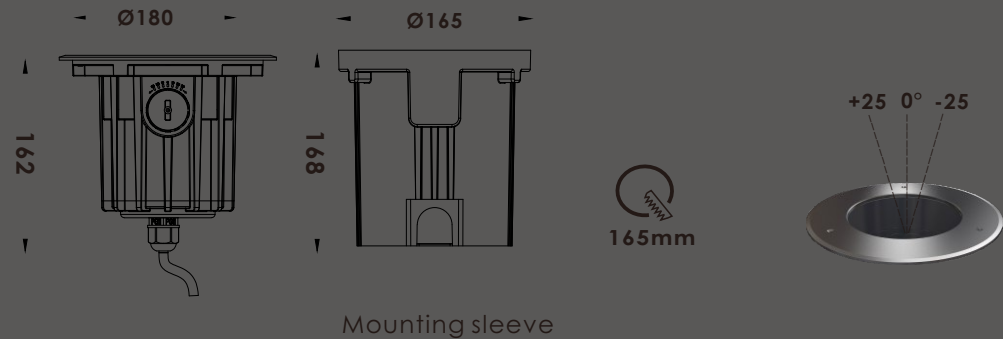
±25°

可调节

ADJUSTABLE



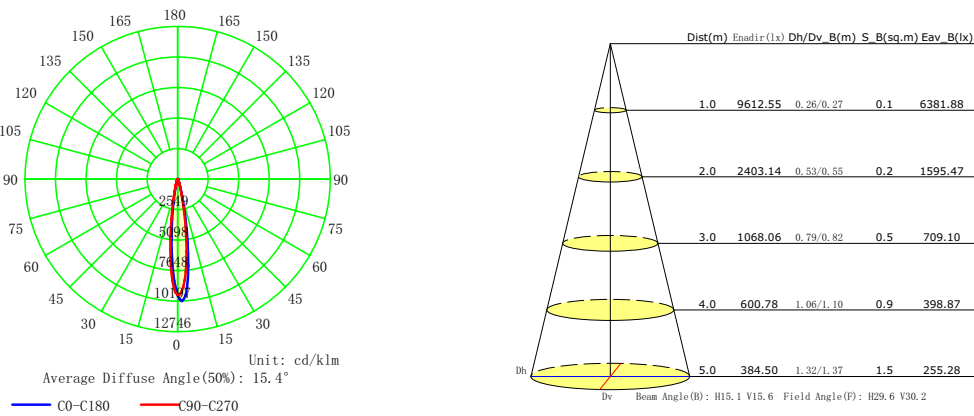
TBD2180R1



Mounting sleeve

Product specifications					
Item No.	TBD2180R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*3W	9*2W	1*18W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=988lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



AY5000

LED Hight Power Inground Light

IP67

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

RGBW

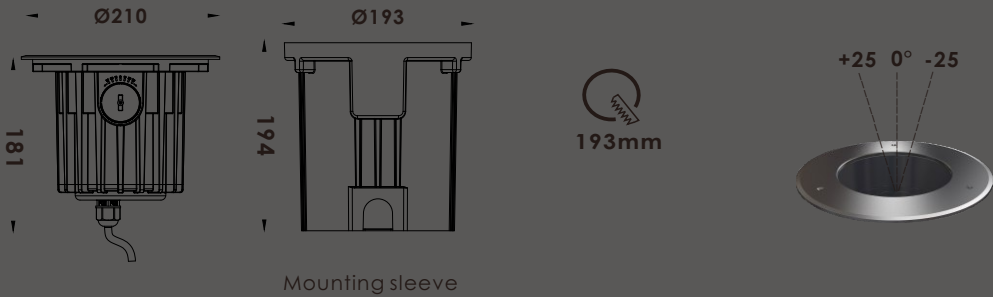
±25°

可调节

ADJUSTABLE

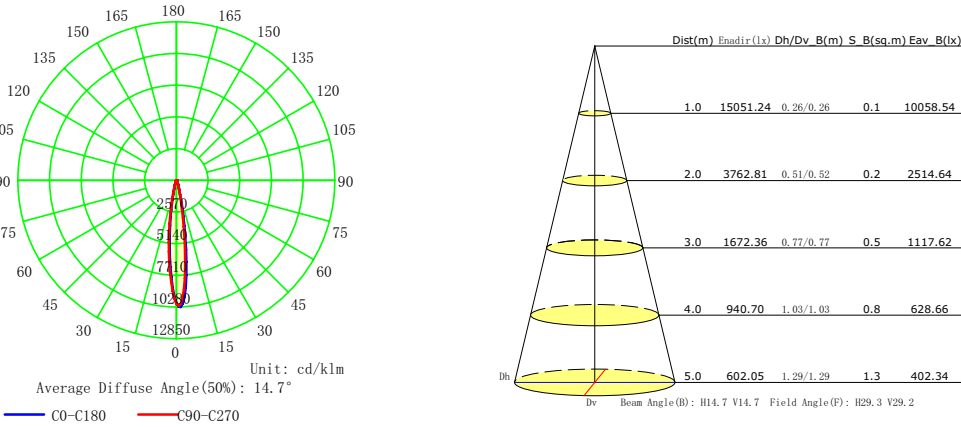


TBD2210R



Product specifications					
Item No.	TBD2210R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	9*3W	12*2W	1*24W	9*3W	9*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=1515lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve



AY6000

LED Hight Power Inground Light

IP67

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

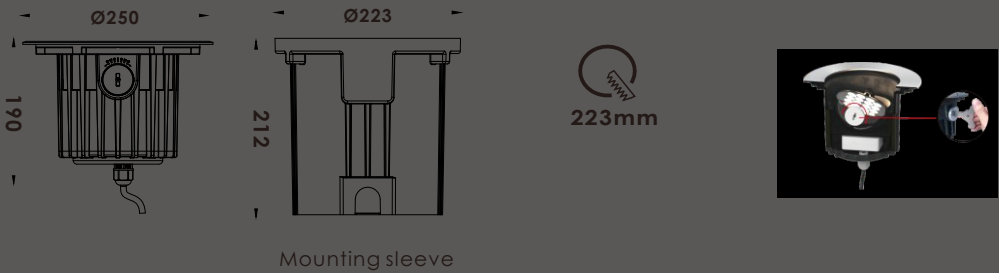
RGBW

±25°

ADJUSTABLE

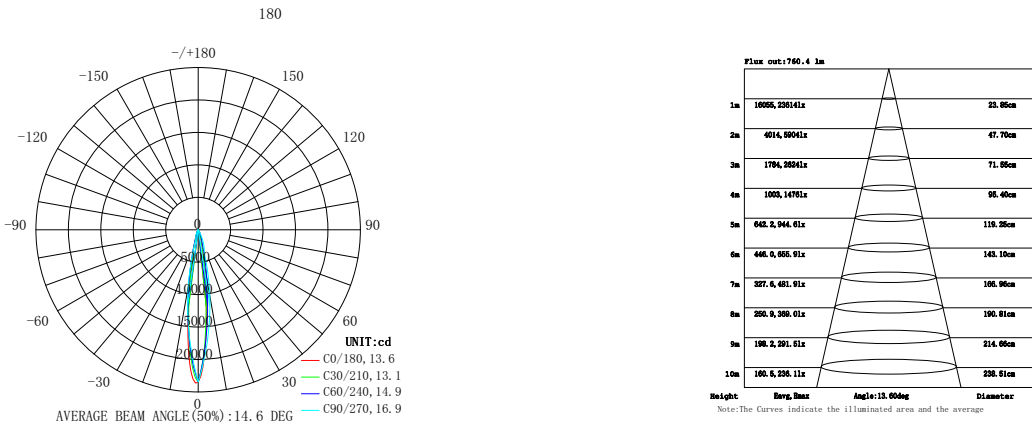


TBD2250R



Product specifications					
Item No.	TBD2250R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	12*3W	18*1.8W	1*36W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=2281lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

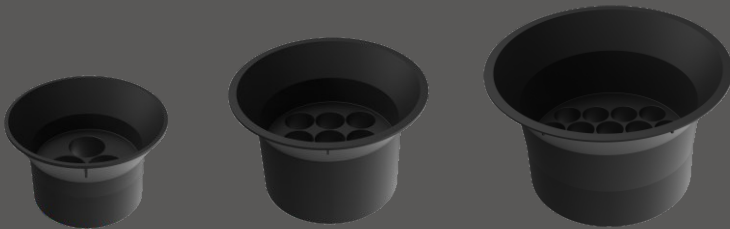
Light Distribution Curve



LED Inground light
Depth Illuminant Series



Optical Controlling Accessories



Optical Controlling Accessories



AY1000

LED Depth Illuminant Inground Light

IP67

RoHS

CE

1-10V

Triac

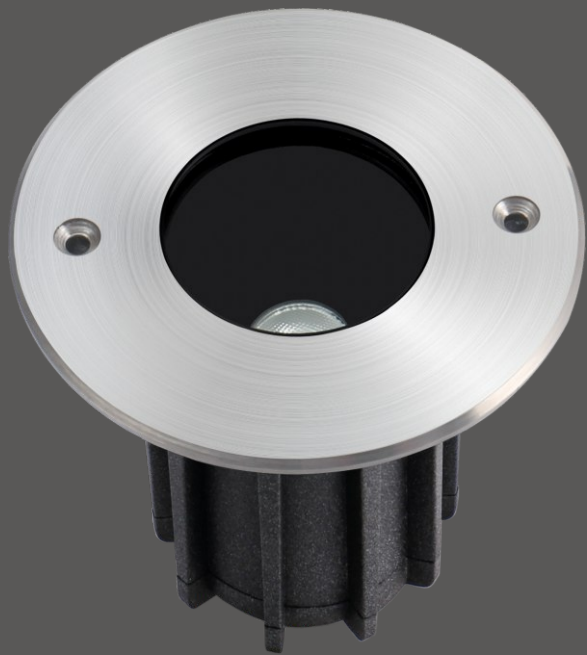
PWM

DALI

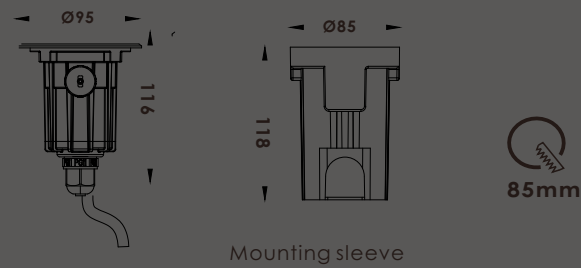
DMX512

RGB

RGBW

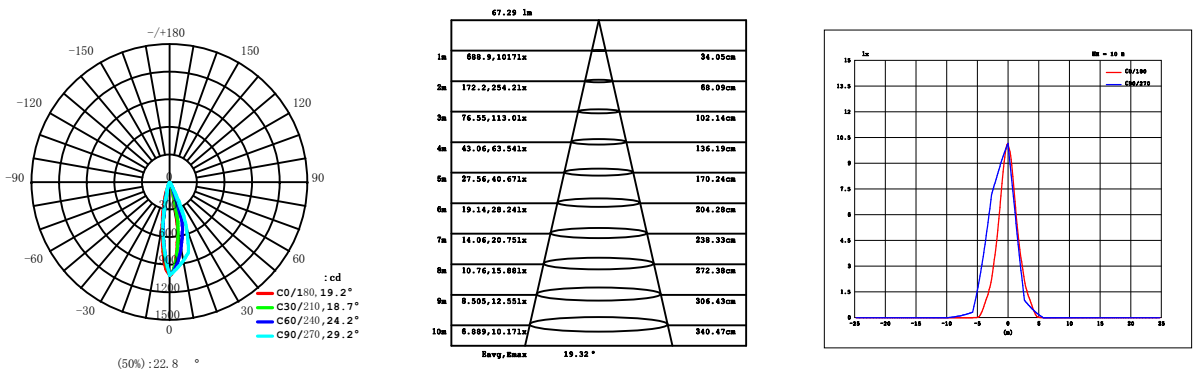


TBD2095R1AA3Y



Product specifications				
Item No.	TBD2095R1			
LED source	CREE XPG	OSRAM/CREE	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	1*2W	1*2W	1*3W	1*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

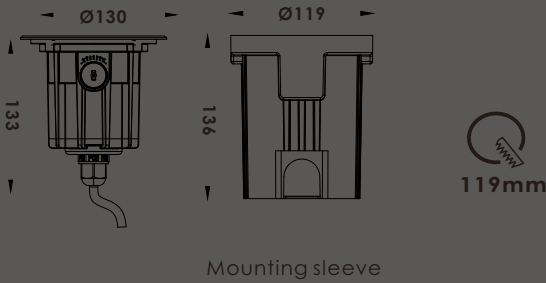


AY2000

LED Depth Illuminant Inground Light

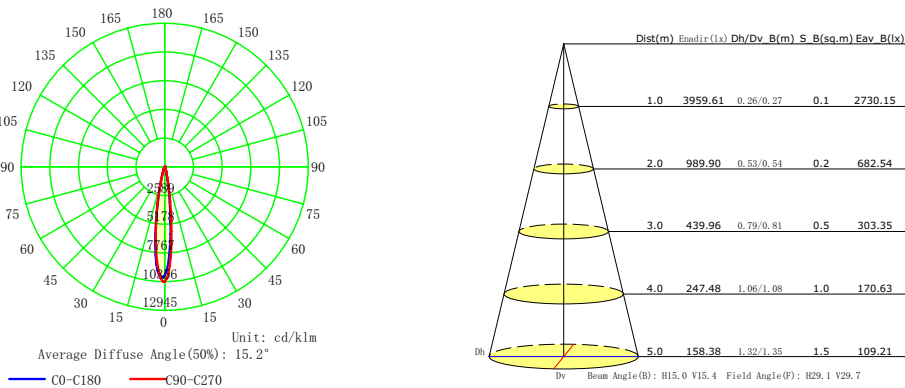


TBD2130R1



Product specifications					
Item No.	TBD2130R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3in1	RGBW(3000K,4000K,6000K)
Power	2*3W	3*2W	1*6W	3*3W	3*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=406lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

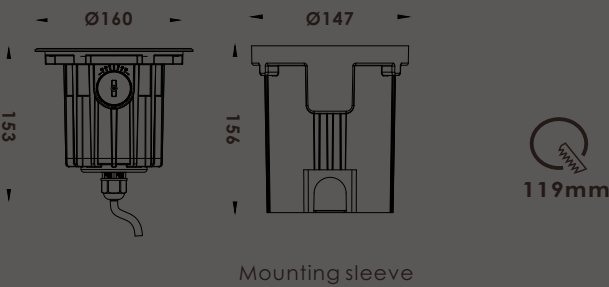


AY3000

LED Depth Illuminant Inground Light

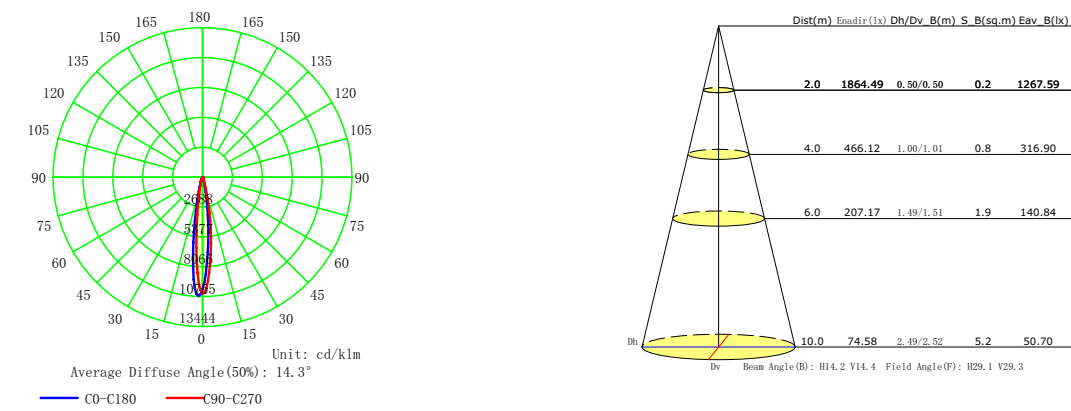


TBD2160R1



Product specifications					
Item No.	TBD2160R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	4*3W	6*2W	1*12W	4*3W	4*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=736lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

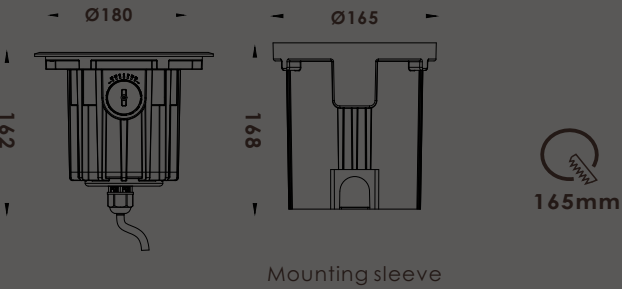


AY4000

LED Depth Illuminant Inground Light

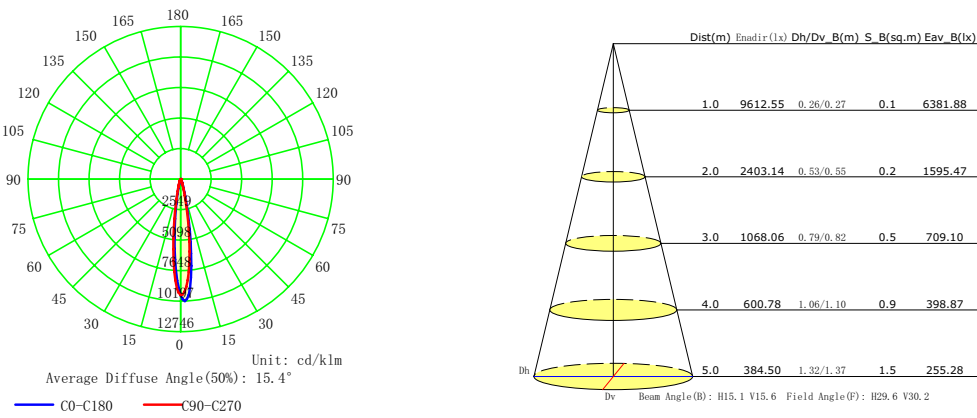


TBD2180R1AA1Y



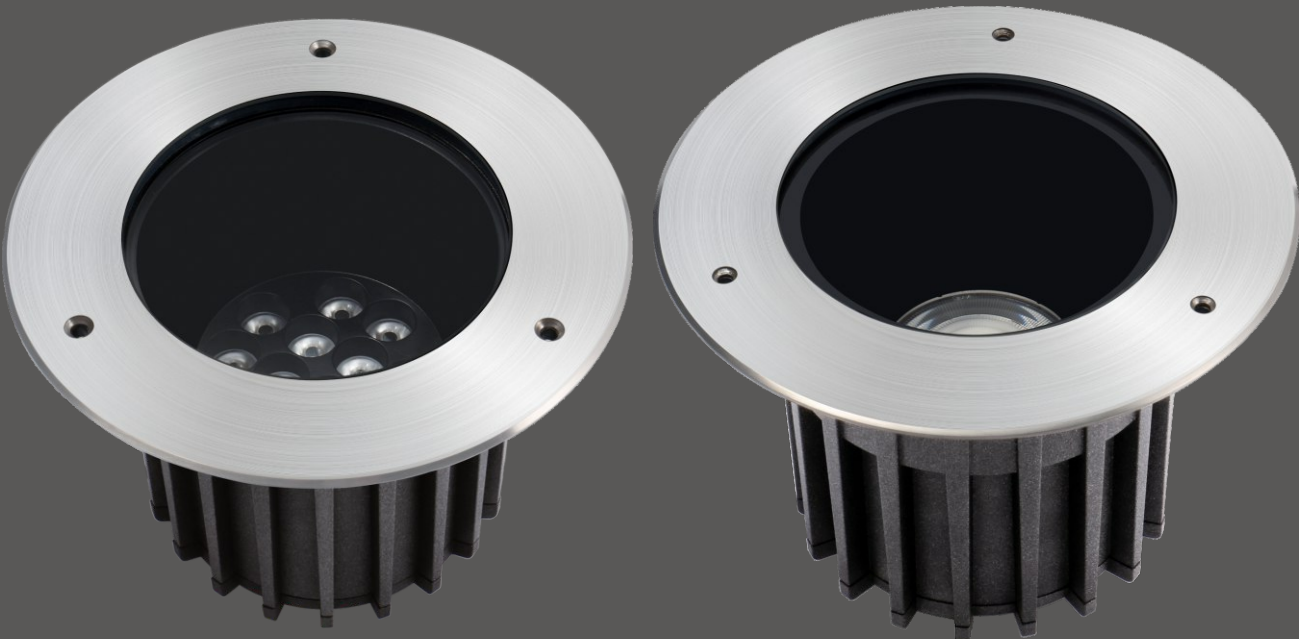
Product specifications					
Item No.	TBD2180R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3in1	RGBW(3000K,4000K,6000K)
Power	6*3W	9*2W	1*18W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=988lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

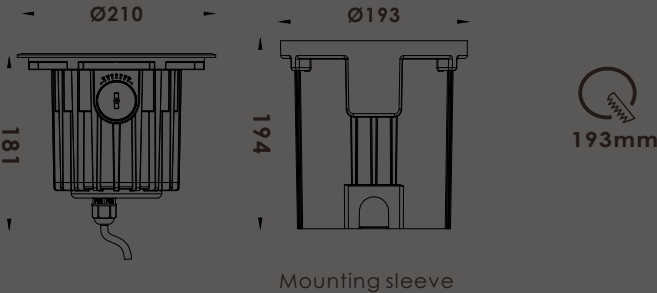


AY5000

LED Depth Illuminant Inground Light

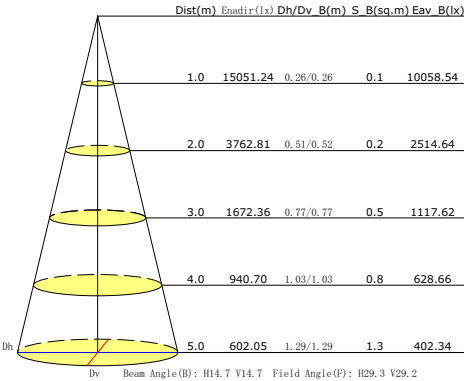
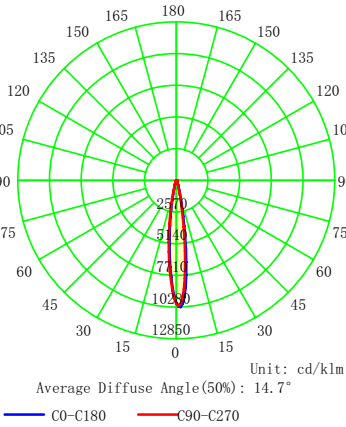


TBD2210R1



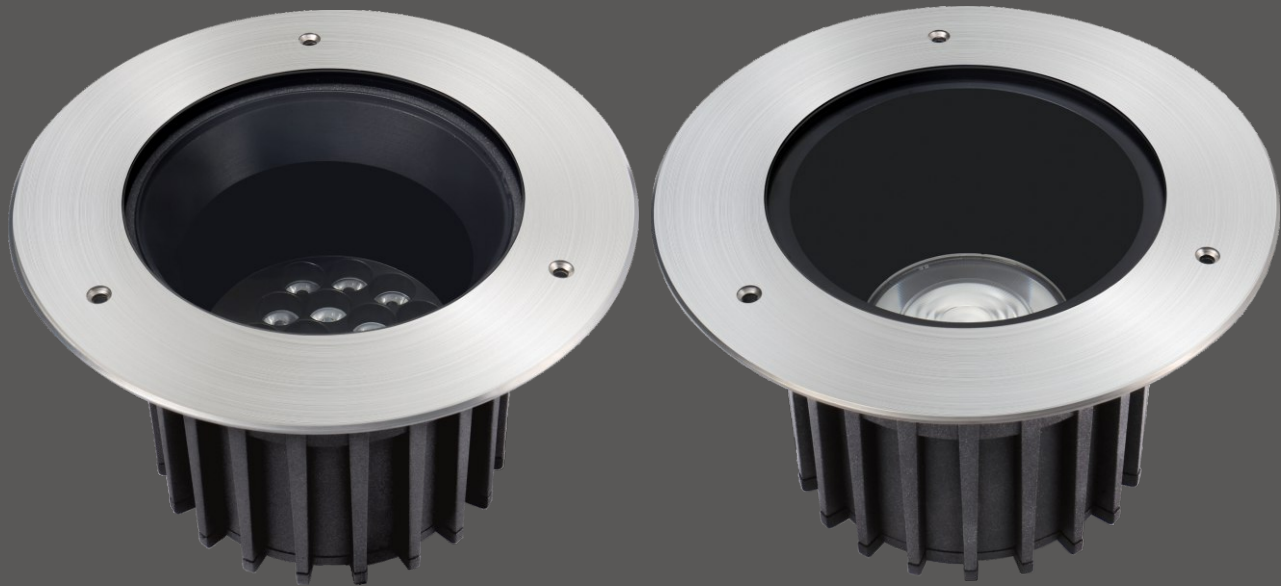
Product specifications					
Item No.	TBD2210R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	9*3W	12*2W	1*24W	9*3W	9*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=1515lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

Light Distribution Curve

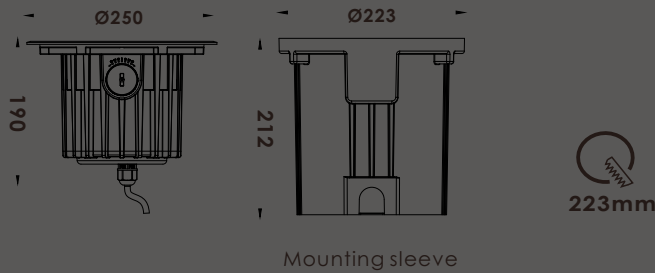


AY6000

LED Depth Illuminant Inground Light

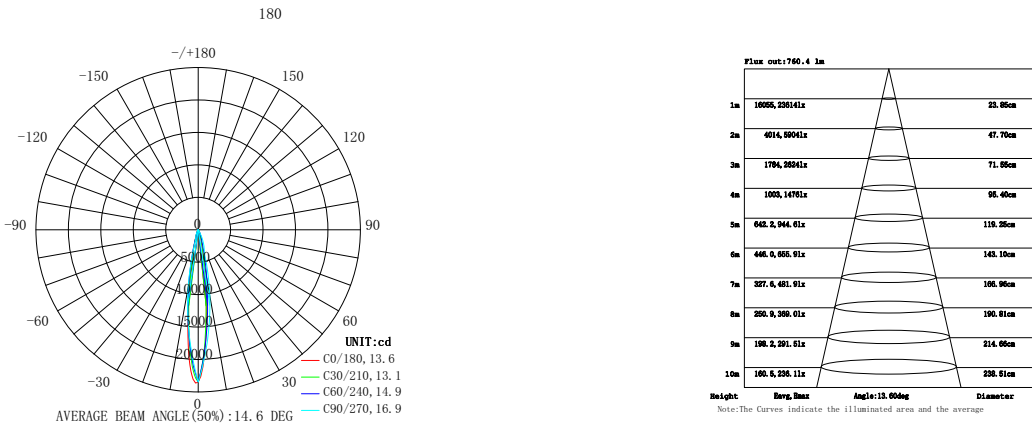


TBD2250R1



Product specifications					
Item No.	TBD2250R1				
LED source	CREE XPG	OSRAM/CREE	CREE COB	OSRAM	OSRAM
Beam angle	3°/8°	25°/40°/60°	20°/25°/40°/60° 10°/60°/20°/30°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2000~10000K	2700~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	12*3W	18*1.8W	1*36W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V		H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃				
IK rate	05				
Luminance(lm)	Warm white=2281lm				
Dimmable support	Triac/PWM/0-10V/DALI/DMX512				

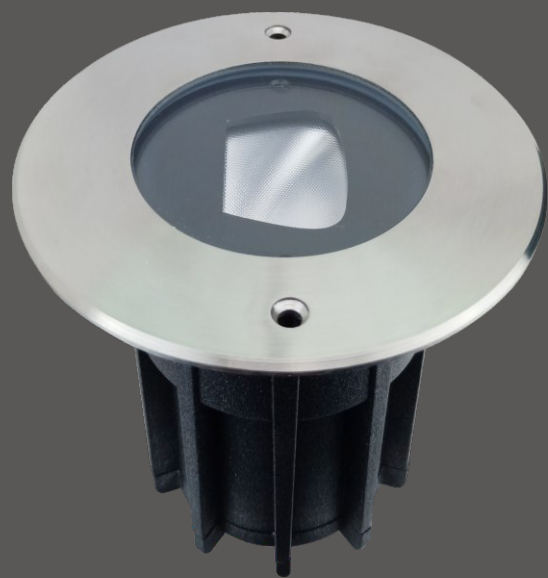
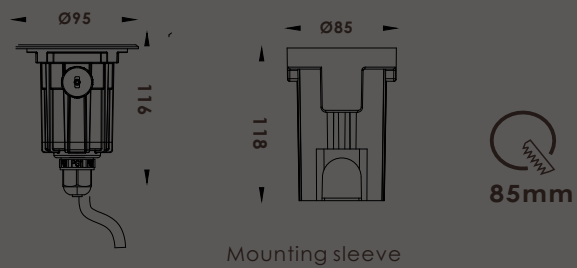
Light Distribution Curve



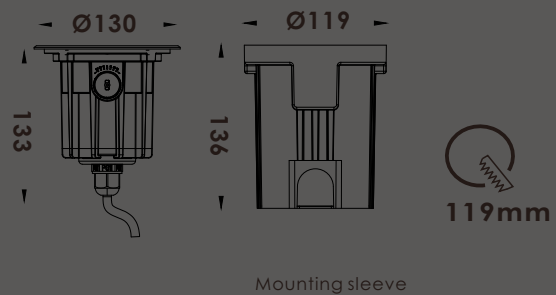
AY1/AY2
LED COB Asymmetric Inground Light



TBD2095R7

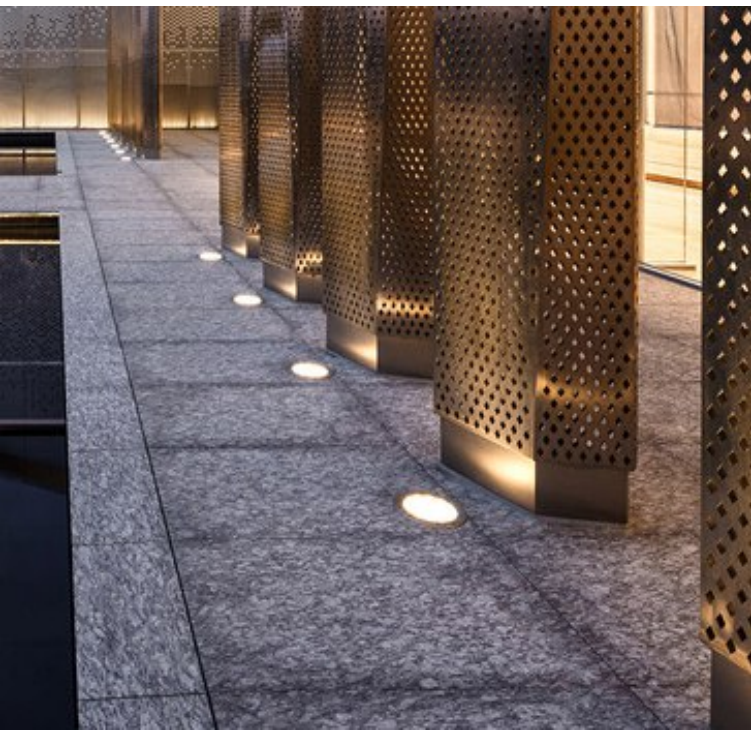
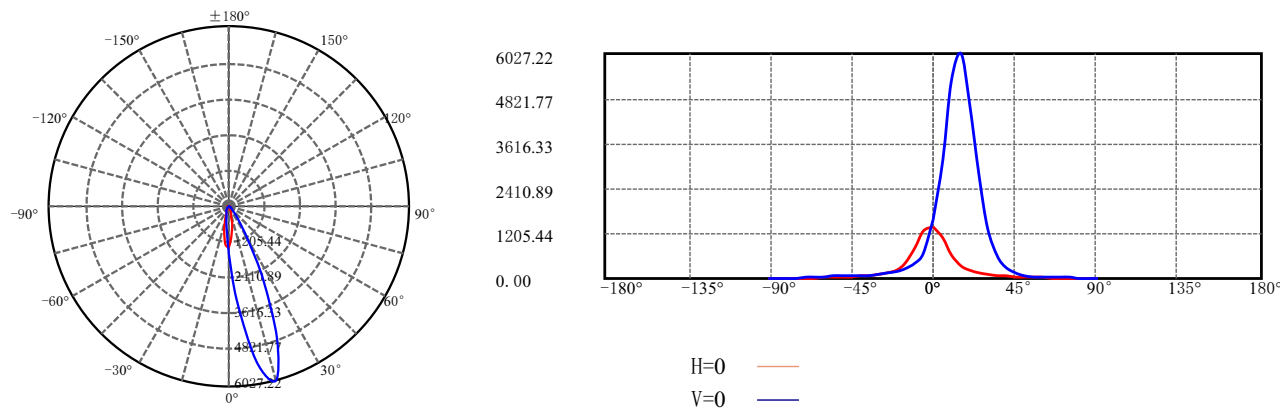


TBD2130R7



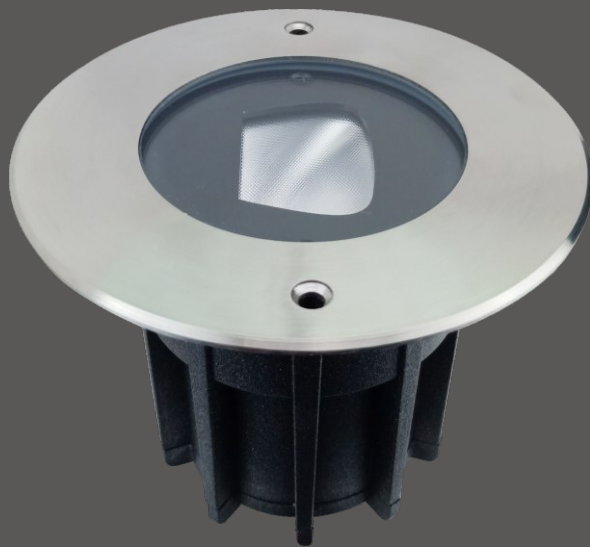
Product specifications		
Item No.	TBD2095R7A5Y	TBD2130R7A5Y
LED source	CREE COB	CREE COB
Beam angle	Asymmetric 27°	Asymmetric 27°
LED color	2700K~6500K	2700K~6500K
Power	1*4.5W	1*7W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	05	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

Light Distribution Curve

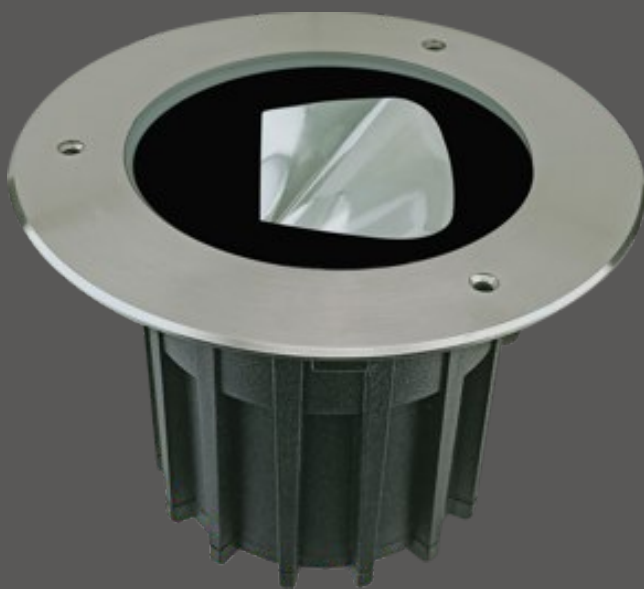
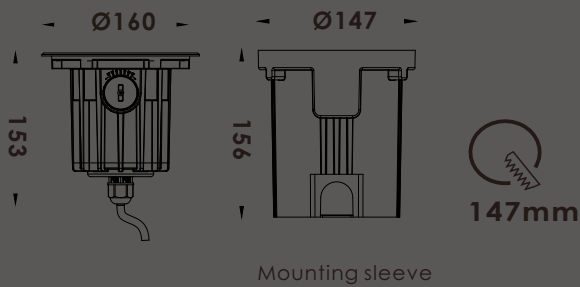


AY3/AY4

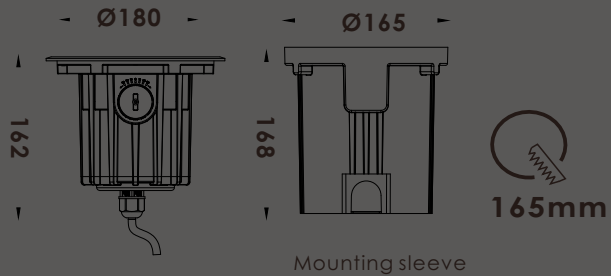
LED COB Asymmetric Inground Light



TBD2160R7

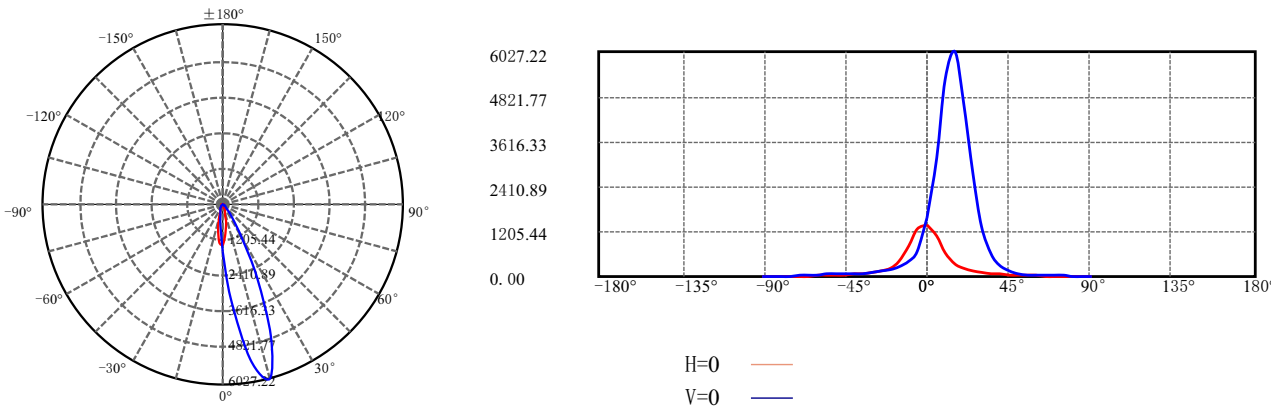


TBD2180R7



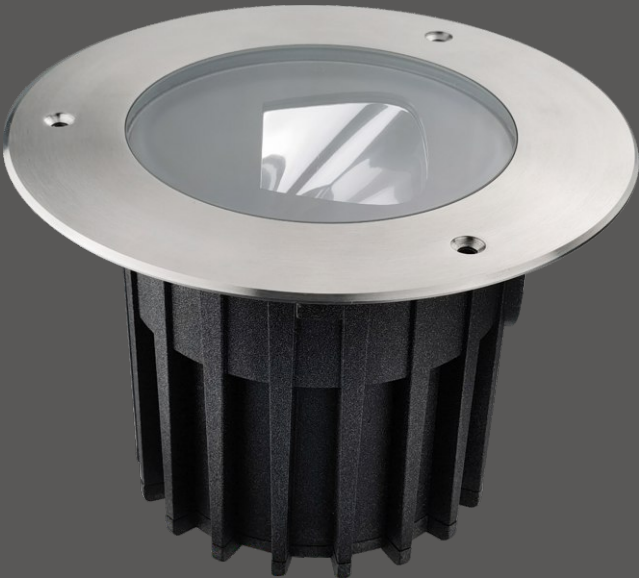
Product specifications		
Item No.	TBD2160R7AB5Y	TBD2180R7AB5Y
LED source	CREE COB	CREE COB
Beam angle	Asymmetric 27°	Asymmetric 27°
LED color	2700K~6500K	2700K~6500K
Power	1*12W	1*18W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm ² Single color:AC220~240V H05RN-F-3*0.75mm ²	
Operating temperature	-20℃~40℃	
IK rate	05	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

Light Distribution Curve

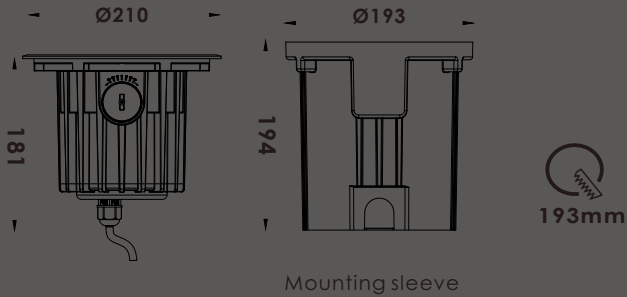


AY5/AY6

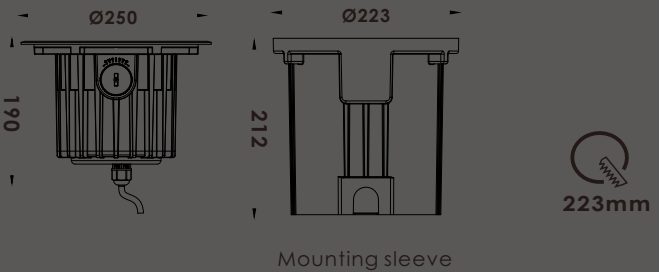
LED COB Asymmetric Inground Light



TBD2210R7

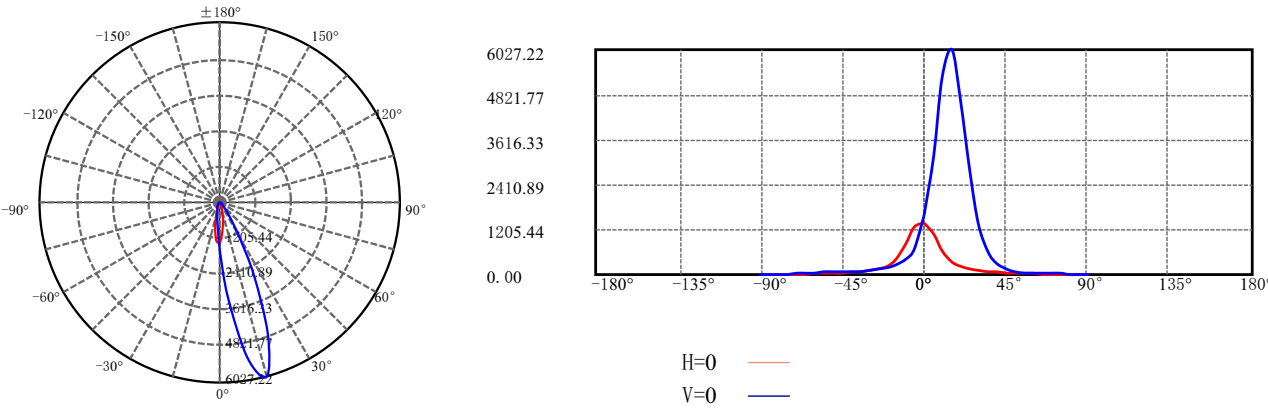


TBD2250R7

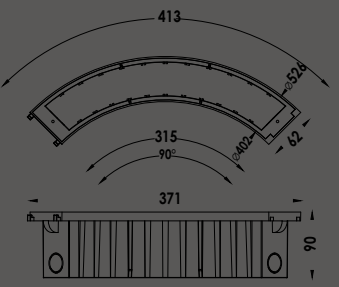
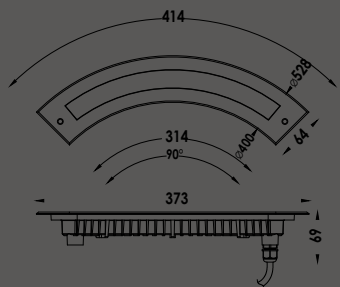
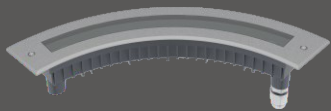


Product specifications		
Item No.	TBD2210R7AB5Y	TBD2250R7AB5Y
LED source	CREE COB	CREE COB
Beam angle	Asymmetric 27°	Asymmetric 27°
LED color	2700K~6500K	2700K~6500K
Power	1*24W	1*36W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	10	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

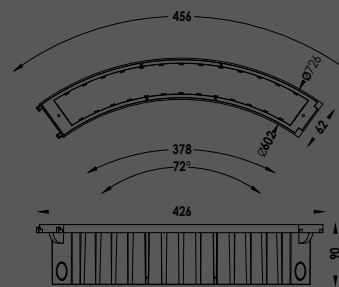
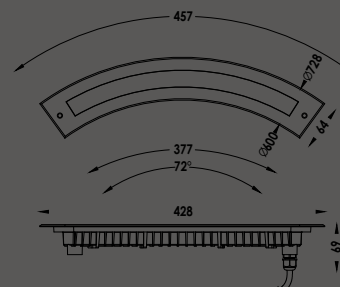
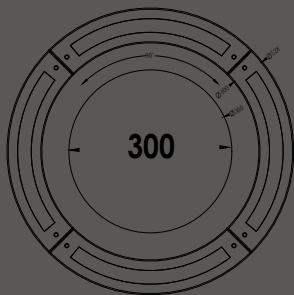
Light Distribution Curve



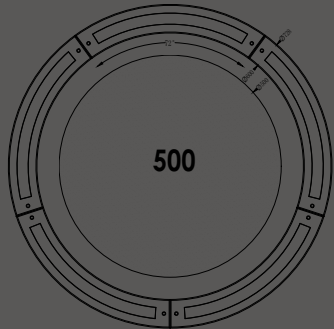
2RL
LED Inground Light



Mounting sleeve

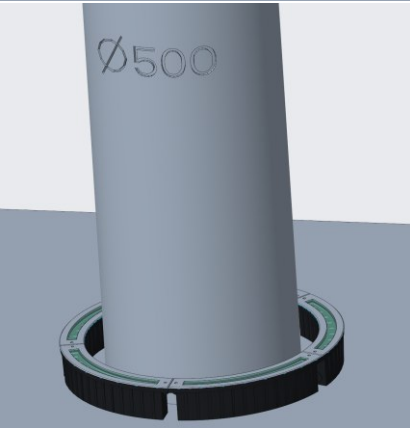
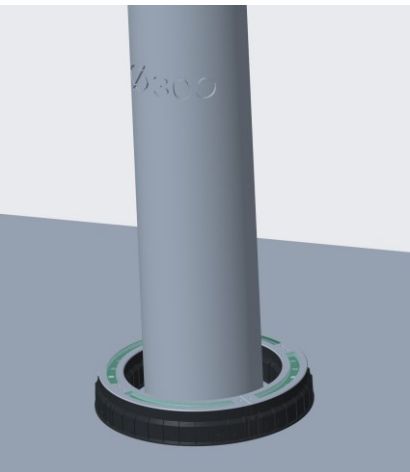


Mounting sleeve



Product specifications			
Item No.	TBD2064L2-0.375M		
LED source	CREE /OSRAM	OSRAM	OSRAM
Beam angle	20°/30°/40°/60°	25°/40°/60°	25°/40°/60°
LED color	2000K~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*2W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Product specifications			
Item No.	TBD2064L2-0.457M		
LED source	CREE /OSRAM	OSRAM	OSRAM
Beam angle	20°/30°/40°/60°	25°/40°/60°	25°/40°/60°
LED color	2000K~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	9*2W	9*3W	9*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		



LED Linear Inground Light

IP67

RoHS

CE

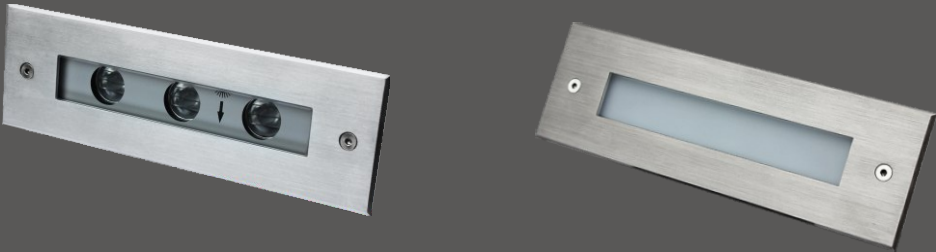
1-10V

Triac

PWM

DALI

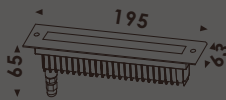
DMX512



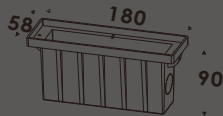
TBD2063L2-0.195M



TBD2063L2-0.328M



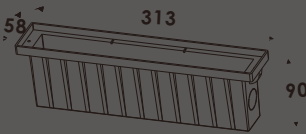
TBD2063L2-0.195M



Mounting sleeve



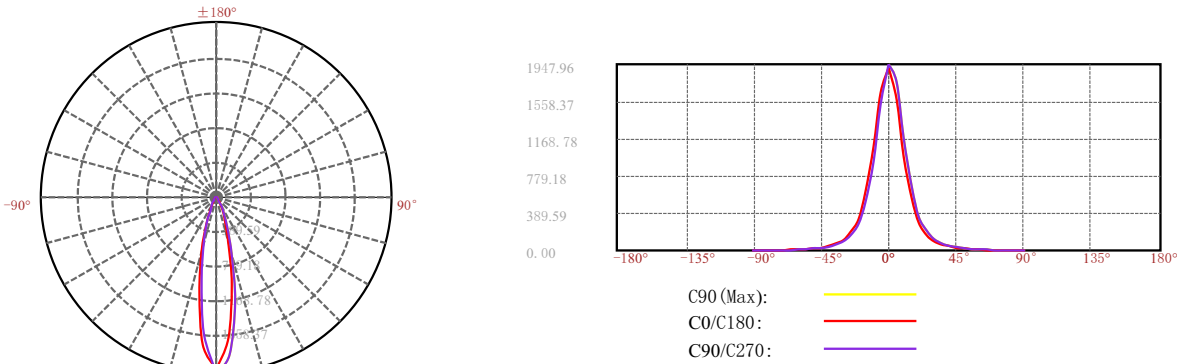
TBD2063L2-0.328M



Mounting sleeve

Product specifications				
Item No.	TBD2063L2-0.195M		TBD2063L2-0.328M	
LED source	CREE /OSRAM	OSRAM	CREE/OSRAM	OSRAM
Beam angle	25°/40°/60°/35 45° 120°	25°/40°/60°	25°/40°/60°/35 45° 120°	25°/40°/60°
LED color	2000K~6500K	RGB 3IN1 /RGBW(3000K,4000K,6000K)	2000-6500K	RGBW(3000K,4000K,6000K)
Power	3*2W/1.5W	3*3W/3.1W	6*2W/5.6W	6*3W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve



LED Linear Inground Light

IP67

RoHS

CE

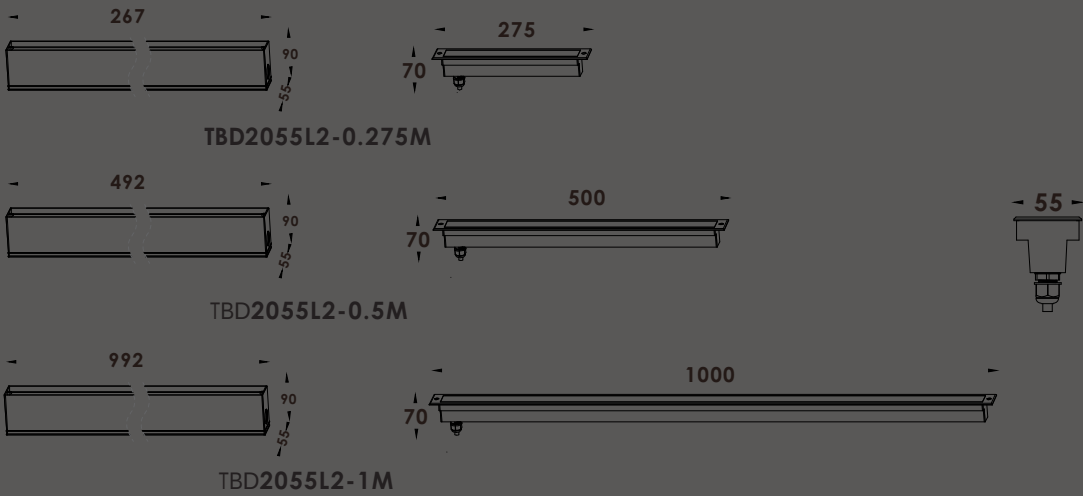
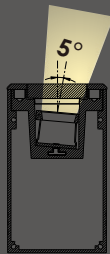
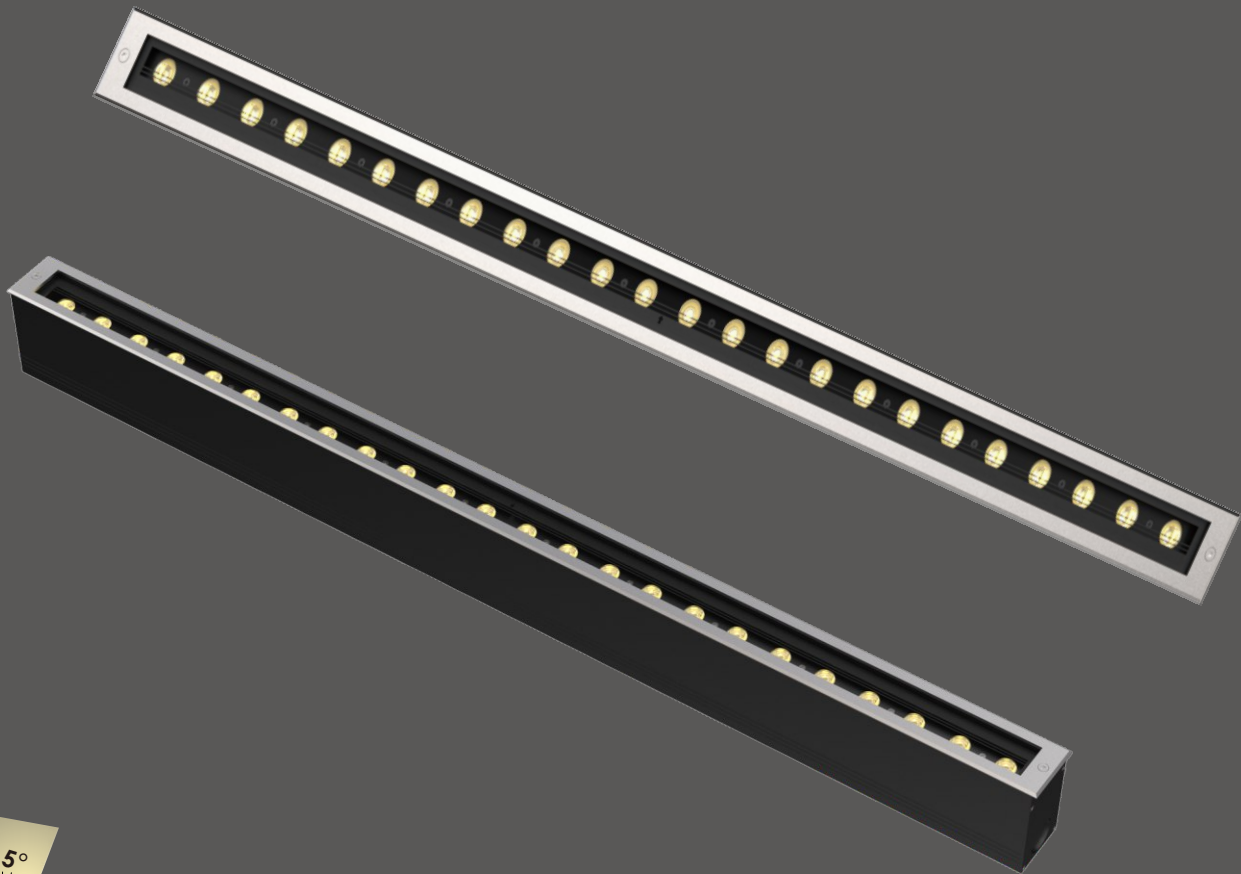
1-10V

Triac

PWM

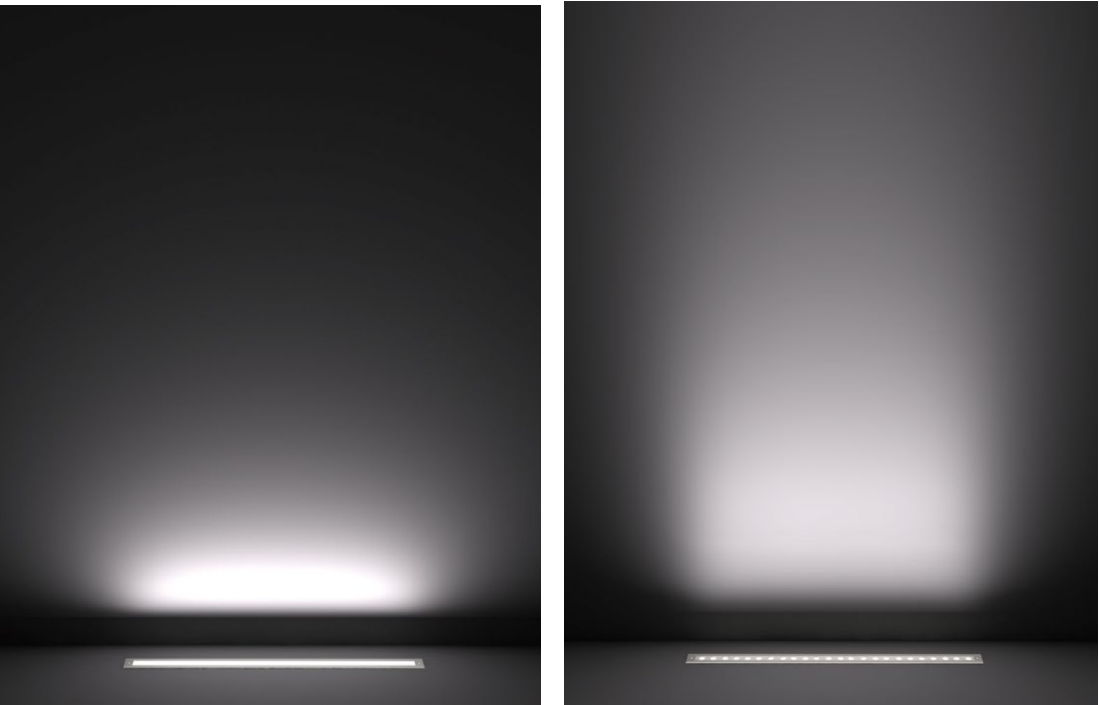
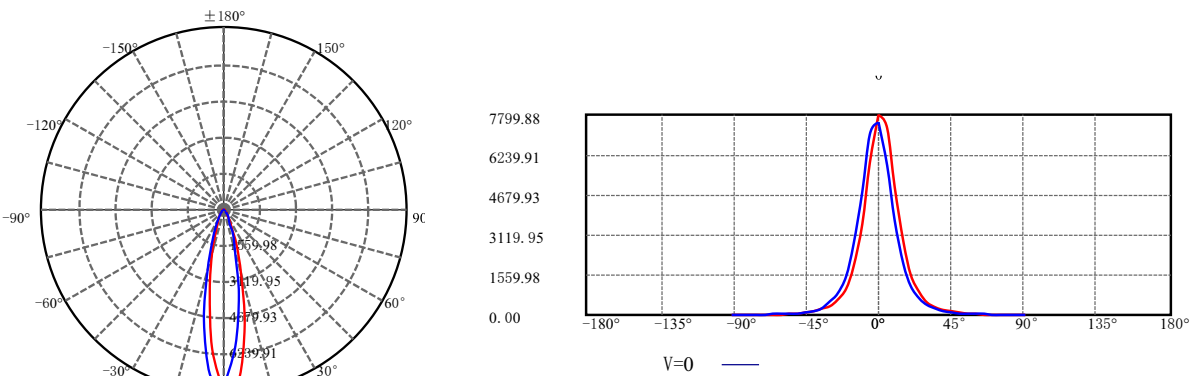
DALI

DMX512



Product specifications			
Item No.	TBD2055L2		
LED source	OSRAM	OSRAM	OSRAM
Beam angle	10°/15°/25°/37°/60°/10°15°/10°30°/10°45°/10°60°	25°/37°/60°/10°30°/10°60°	25°/37°/60°/10°30°/10°60°
LED color	2000K~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*1.5W/12*1.5W/24*1.5W	6*2W/12*2W/24*2W	6*2W/12*2W/24*2W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Light Distribution Curve



LED Linear Inground Light

IP67

RoHS

CE

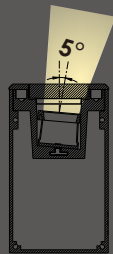
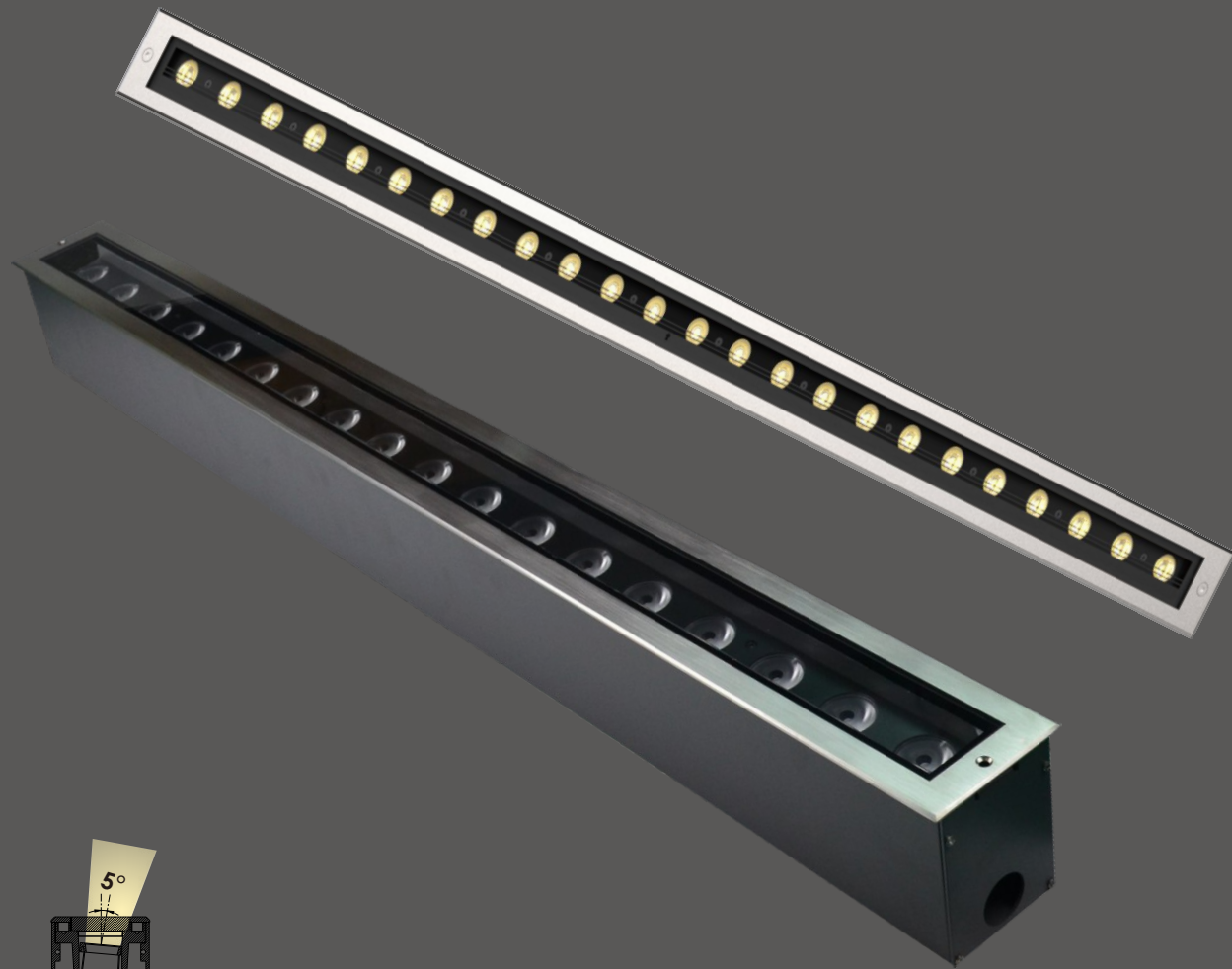
1-10V

Triac

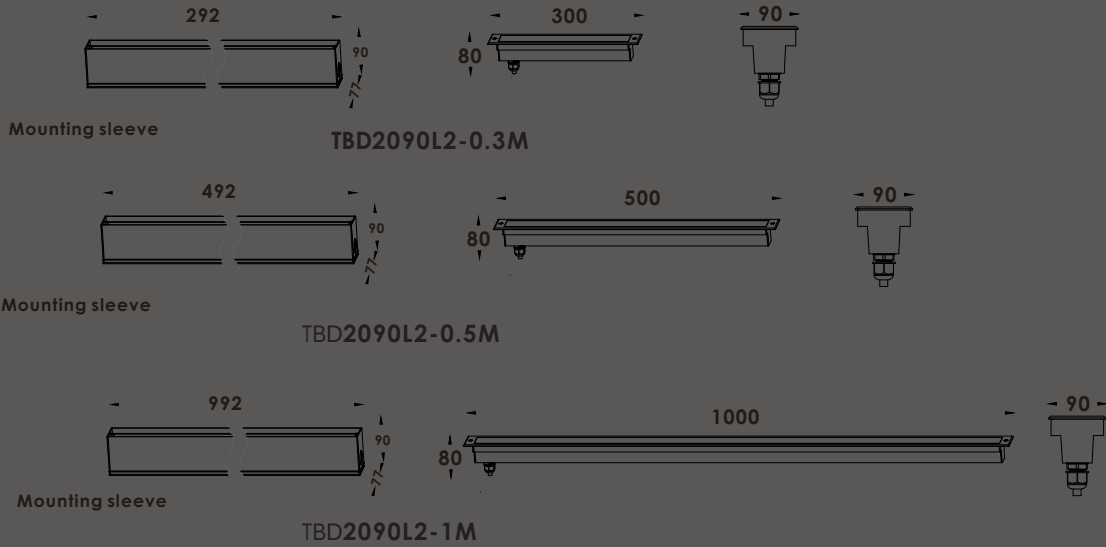
PWM

DALI

DMX512

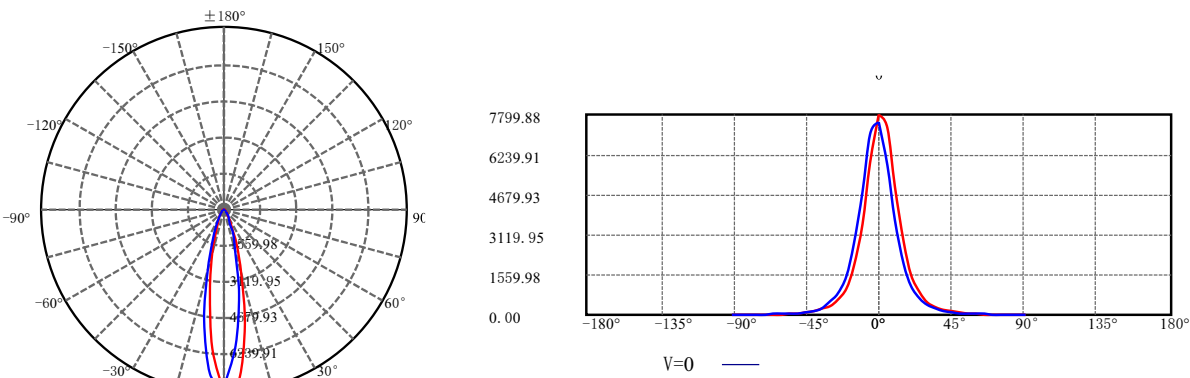


Can be custom-made
height=100MM



Product specifications			
Item No.	TBD2090L2		
LED source	OSRAM	OSRAM	OSRAM
Beam angle	3°/10°/15°/25°/37°/60°/10°15°/10°30°/10°45°/10°60°	25°/37°/60°/10°30°/10°60°	25°/37°/60°/10°30°/10°60°
LED color	2000K~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*3W/12*3W/18*3W/24*3W	6*3W/12*3W/24*3W	6*4W/12*4W/24*4W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Light Distribution Curve



LED Linear Inground Light

IP67

RoHS COMPLIANT

CE

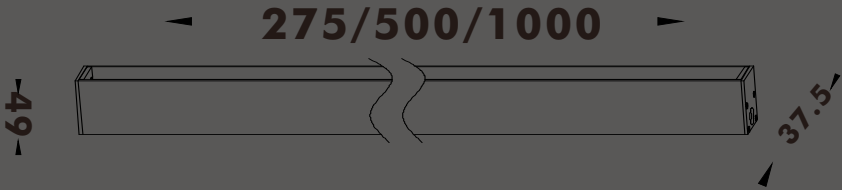
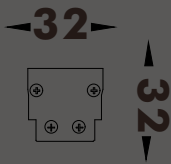
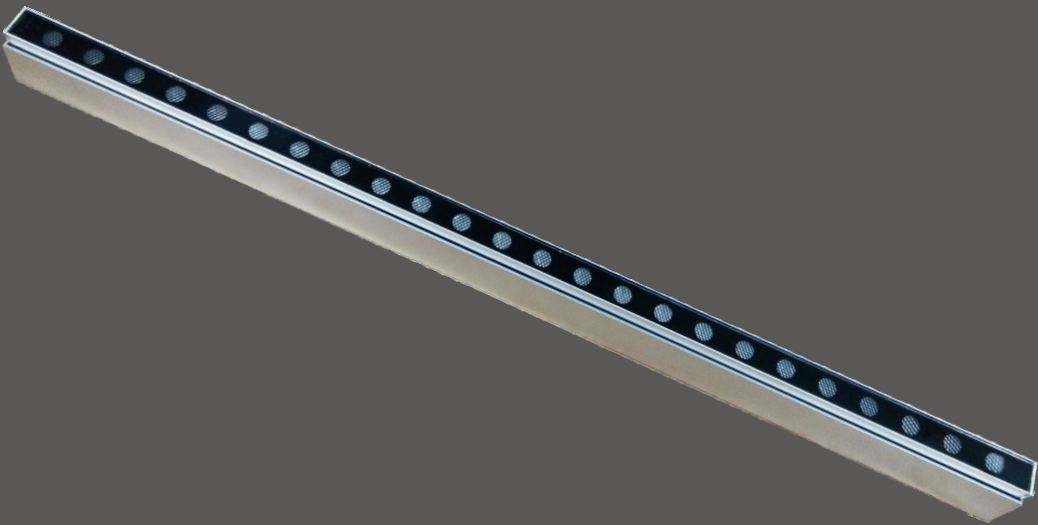
1-10V

Triac

PWM

DALI

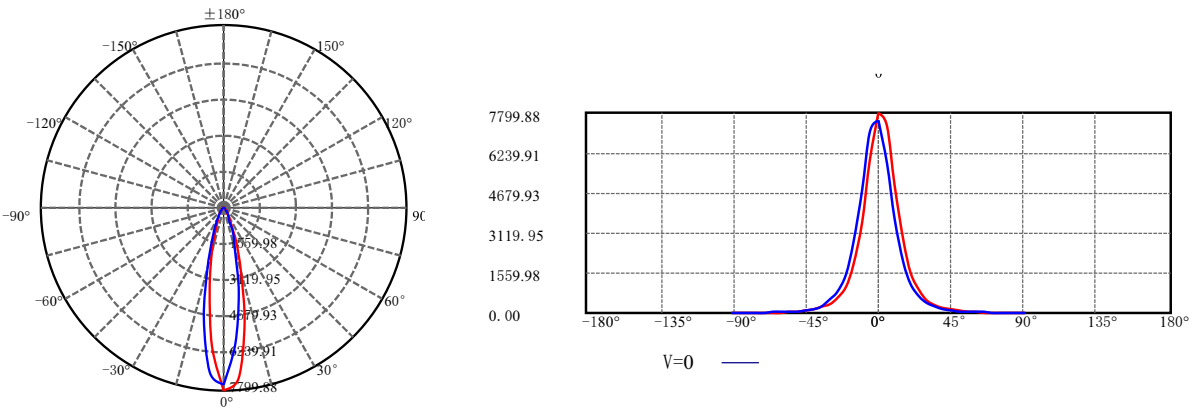
DMX 512



TBD2032L2-0.275M/0.5M/1M

Product specifications	
Item No.	TBD2032L2
LED source	OSRAM
Beam angle	10°15°/10°30°/10°45°/10°60°
LED color	2000K~6500K
Power	6*1.5W/12*1.5W/24*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white= lm
Dimmable support	Triac/PWM/0-10V/DALI/

Light Distribution Curve



LED Linear Inground Light

IP67

RoHS COMPLIANT

CE

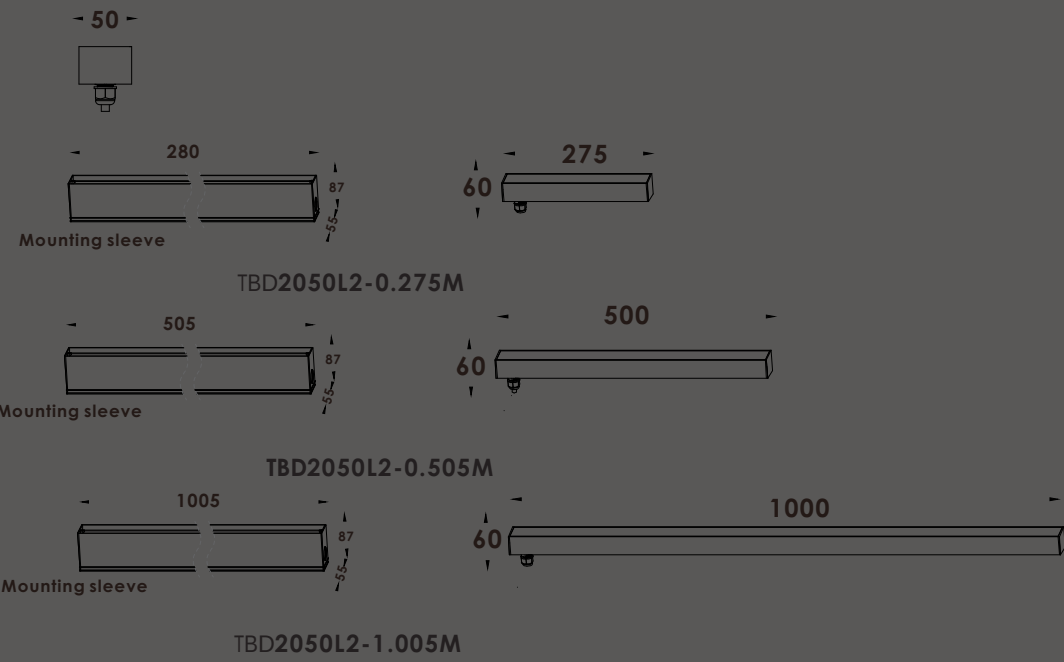
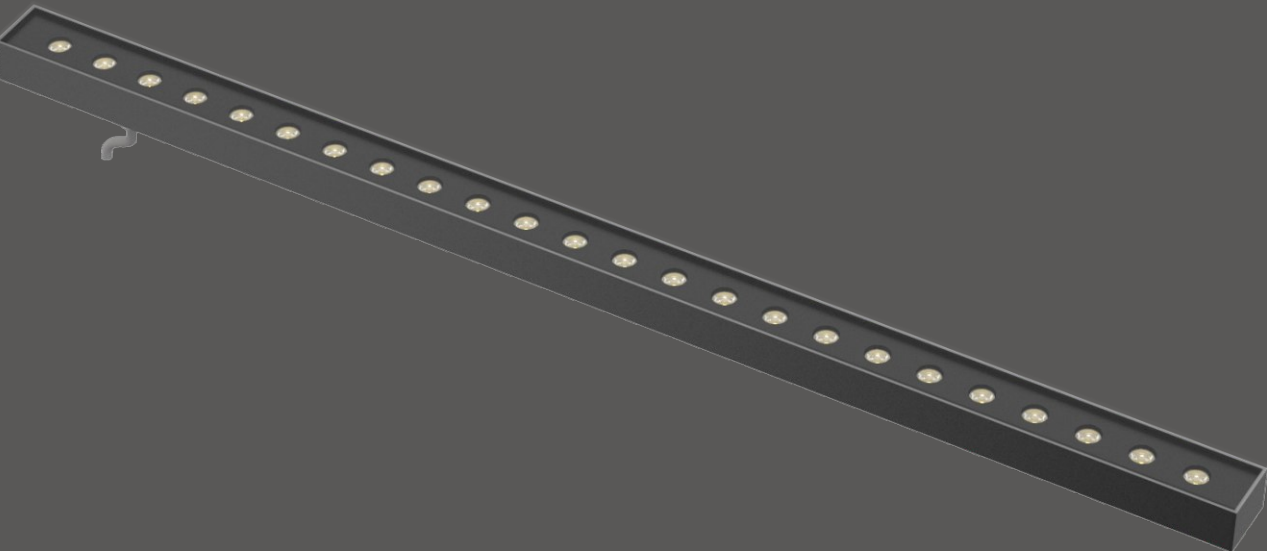
1-10V

Triac

PWM

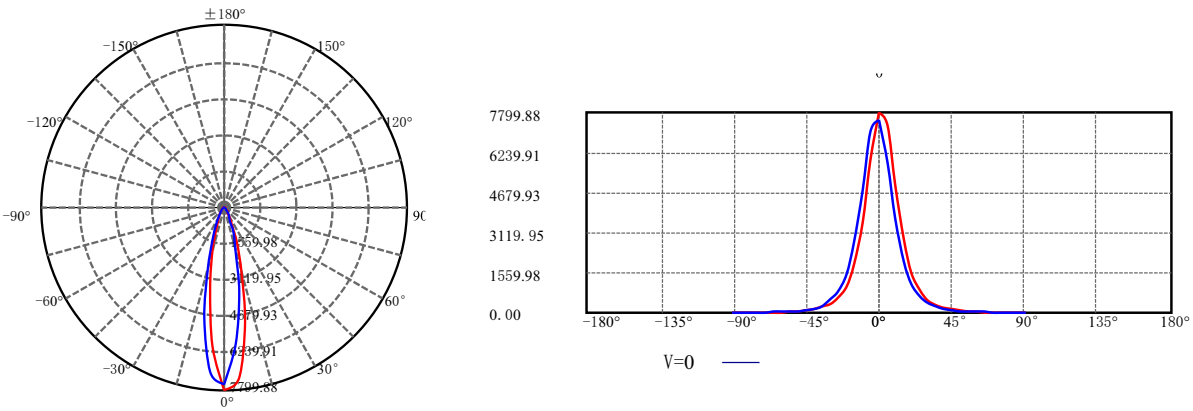
DALI

DMX 512



Product specifications			
Item No.	TBD2050L2		
LED source	OSRAM	OSRAM	OSRAM
Beam angle	10°/15°/25°/37°/60°/10°15°/10°30°/10°45°/10°60°	25°/37°/60°/10°30°/10°60°	25°/37°/60°/10°30°/10°60°
LED color	2000K~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*1.5W/12*1.5W/24*1.5W	6*2W/12*2W/24*2W	6*2W/12*2W/24*2W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Light Distribution Curve



LED Linear Inground Light

IP67

RoHS

CE

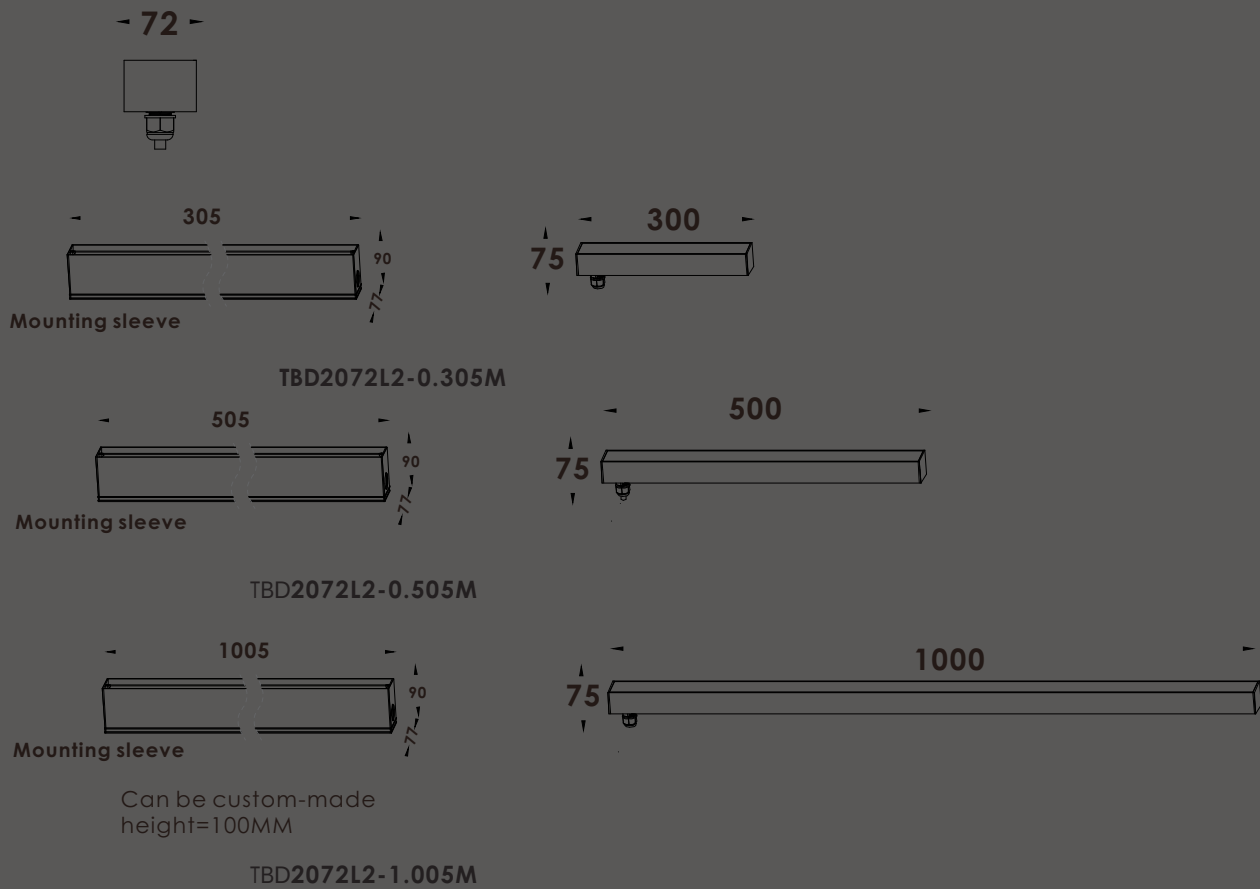
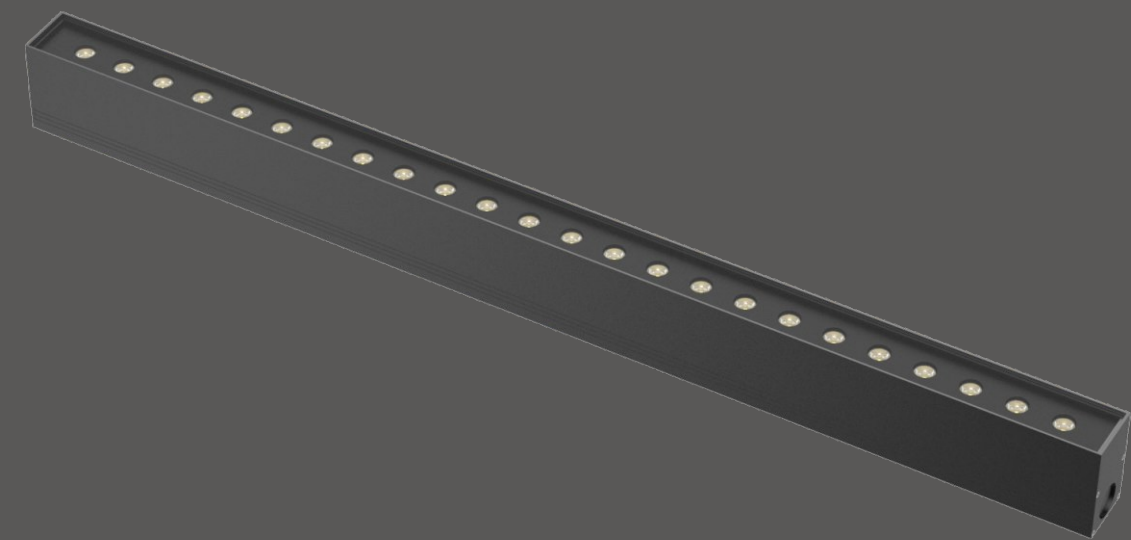
1-10V

Triac

PWM

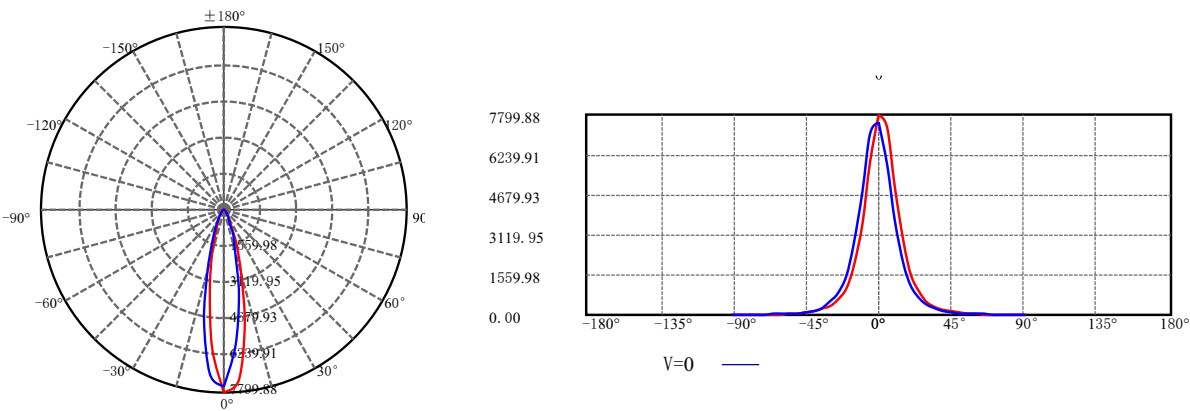
DALI

DMX512



Product specifications			
Item No.	TBD2072L2		
LED source	OSRAM	OSRAM	OSRAM
Beam angle	3°/10°/15°/25°/37°/60°/10°15°/10°30°/10°45°/10°60°	25°/37°/60°/10°30°/10°60°	25°/37°/60°/10°30°/10°60°
LED color	2000K~6500K	RGB 3IN1	RGBW(3000K,4000K,6000K)
Power	6*3W/12*3W/18*3W/24*3W	6*3W/12*3W/24*3W	6*4W/12*4W/24*4W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Light Distribution Curve

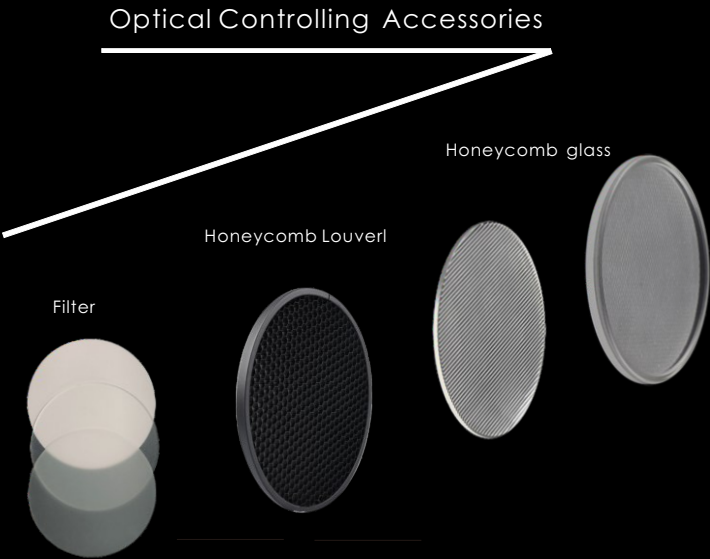


COB LED Inground Light

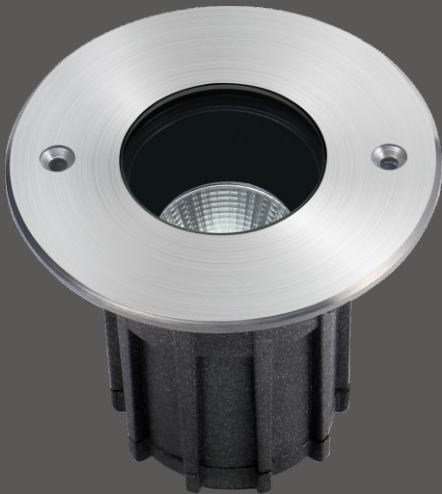


Product Introduction

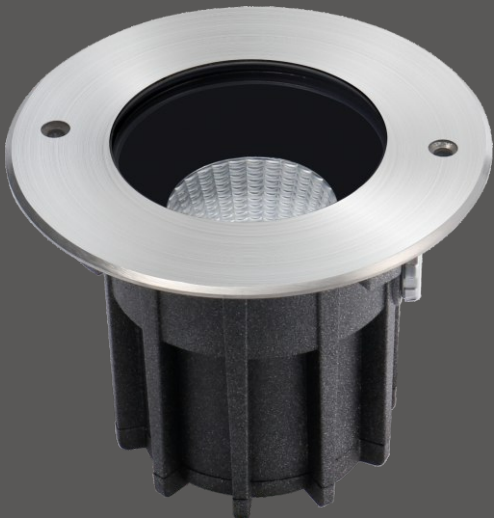
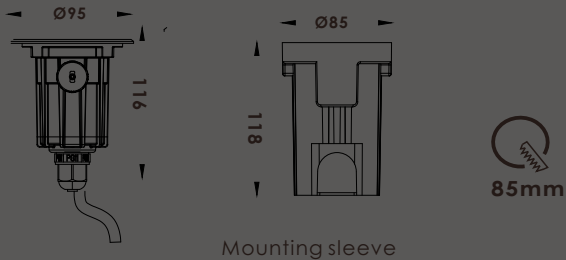
- 1.Adopt integrated body design, could be fully heat dissipation and fully ensure the stability and long lifespan of led.
- 2.316L stainless steel surface cover with titanize treatment process,environmental ACD12# high strength die-casting aluminum lamp housing with imported American brand Tiger powder coating spray process,the high quality material make the light can be used in some place with high acids and bases like sea side.
- 3. Ultra clear and highly strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
- 4.CREE brand as LED light source, ultra high lumen output, high light color uniformity and high CRI (Ra>80 or Ra>90).
- 5.Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate.
- 6.Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function.
- 7.Accessory: high-impact durable ABS mounting sleeve.



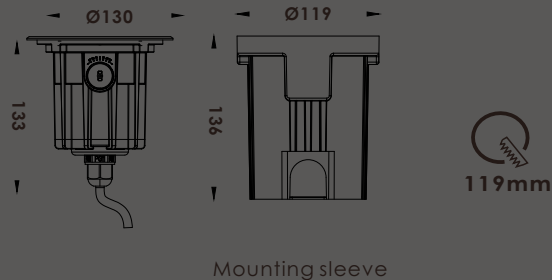
AY1000
COB LED Inground Light



TBD2095R5AB4Y

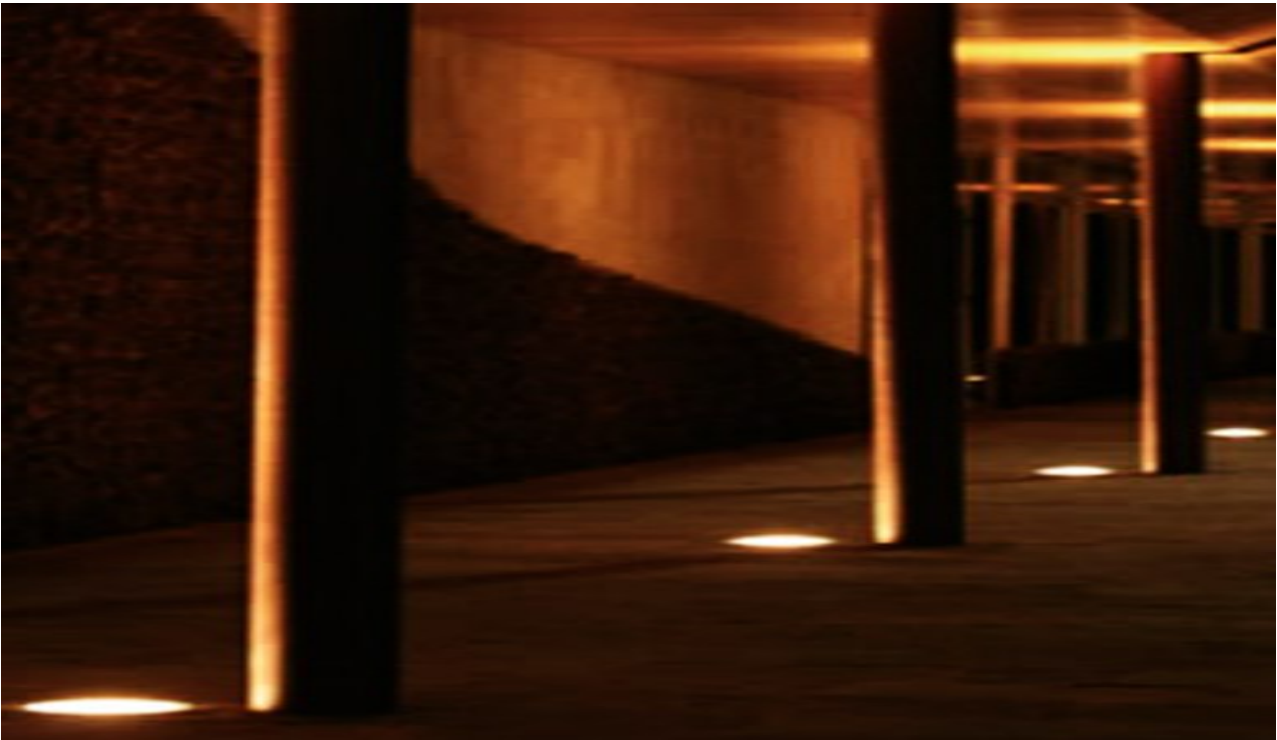
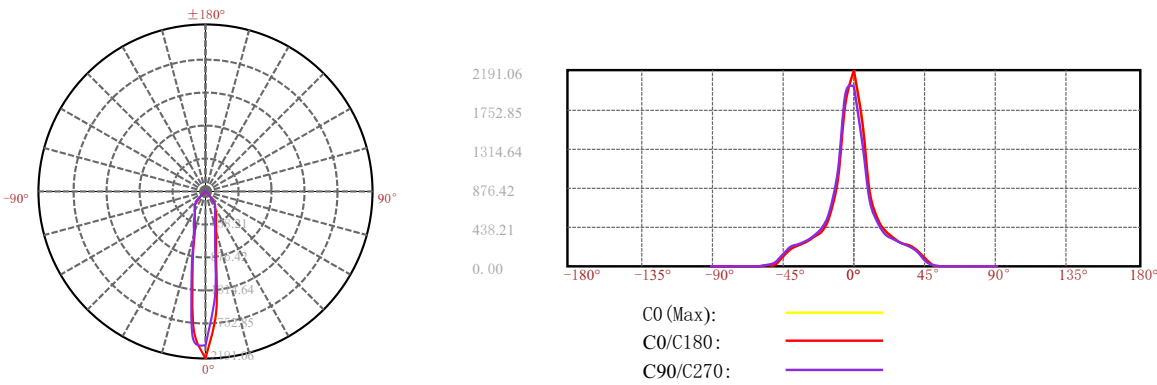


TBD2130R5AB4Y



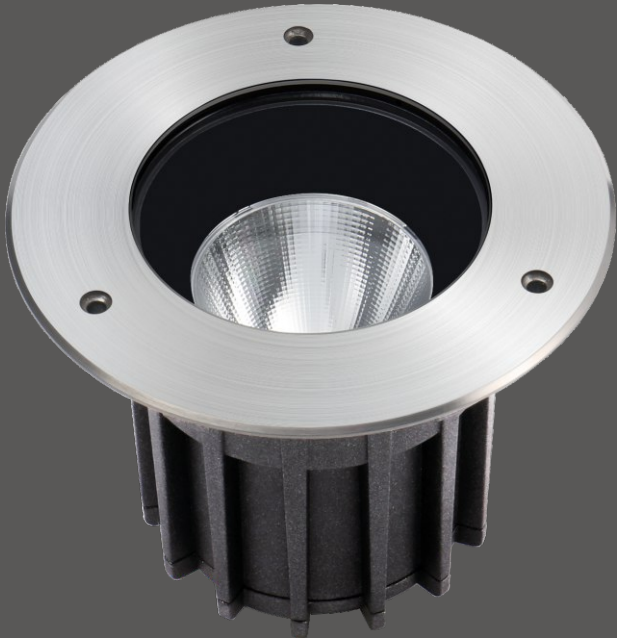
Product specifications		
Item No.	TBD2210R7AB5Y	TBD2250R7AB5Y
LED source	CREE COB	CREE COB
Beam angle	20°/30°/40°	20°/30°/40°
LED color	2700K~6500K	2700K~6500K
Power	1*5W	1*8W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	10	
Luminance(lm)	Warm white= 1m	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

Light Distribution Curve

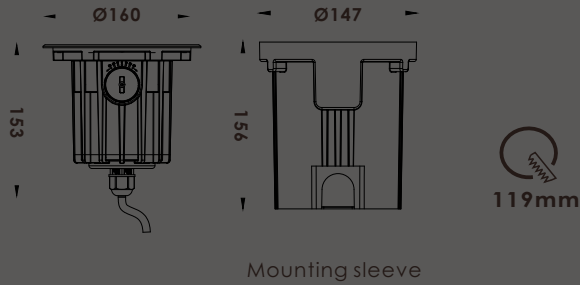


AY3000
COB LED Inground Light

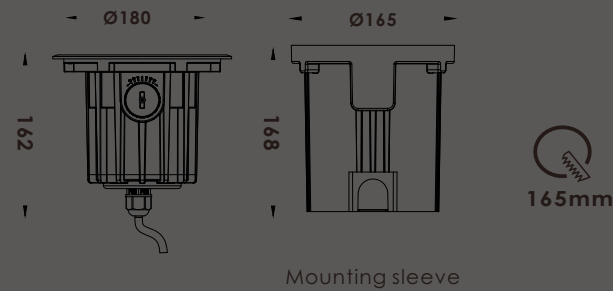
IP67 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX 512



TBD2160R5AB4Y

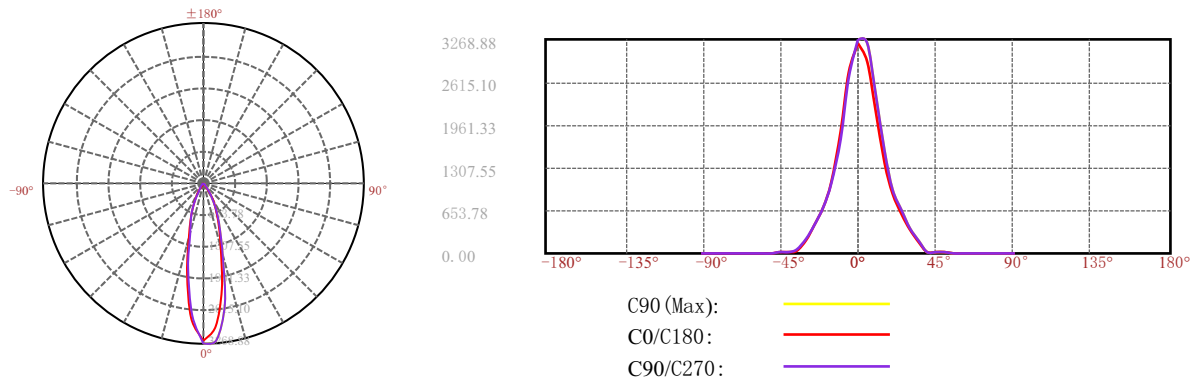


TBD2180R5AB4Y

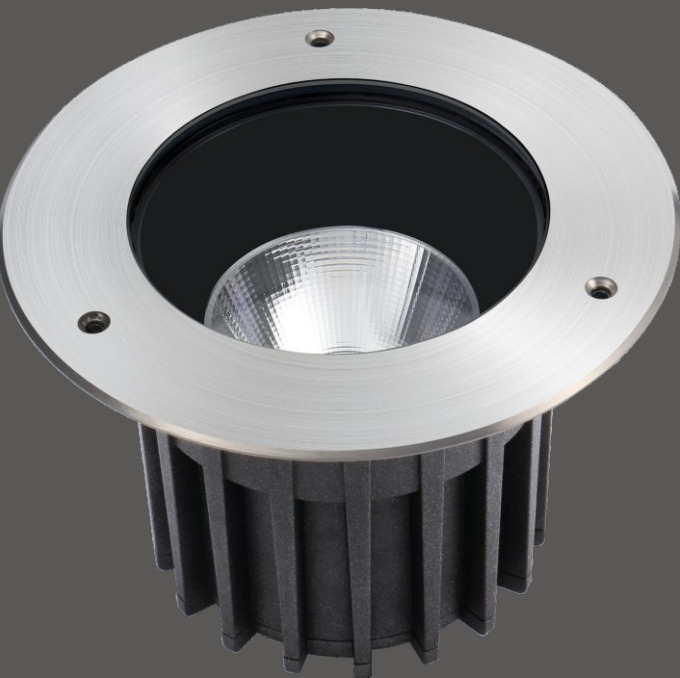


Product specifications		
Item No.	TBD2210R7AB5Y	TBD2250R7AB5Y
LED source	CREE COB	CREE COB
Beam angle	20°/30°/40°	20°/30°/40°
LED color	2700K~6500K	2700K~6500K
Power	1*12	1*18W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	10	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

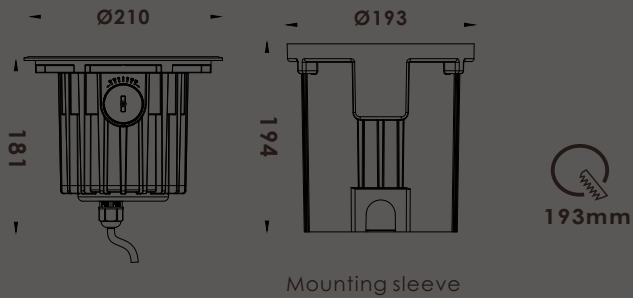
Light Distribution Curve



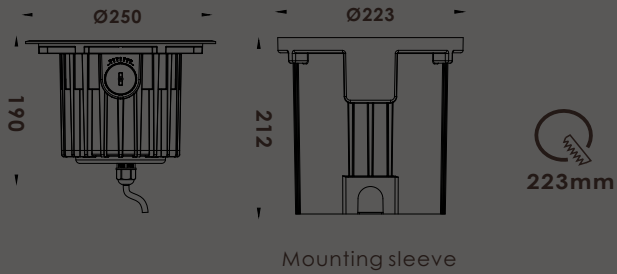
AY5000
COB LED Inground Light



TBD2210R5AB4Y

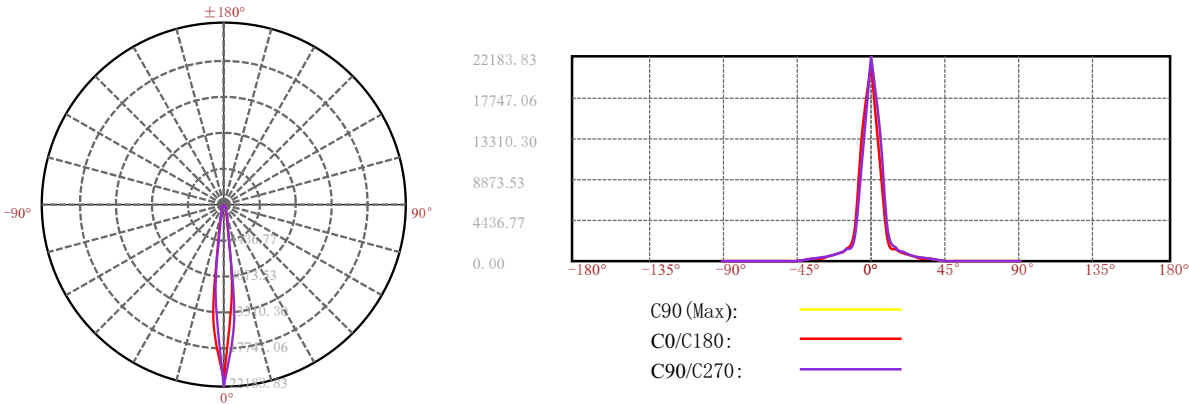


TBD2250R5AB4Y



Product specifications		
Item No.	TBD2210R7AB5Y	TBD2250R7AB5Y
LED source	CREE COB	CREE COB
Beam angle	20°/30°/40°	20°/30°/40°
LED color	2700K~6500K	2700K~6500K
Power	1*24	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	10	
Luminance(lm)	Warm white= 1m	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

Light Distribution Curve



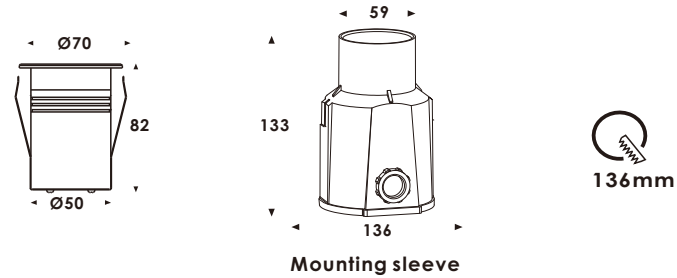
LED Inground Light



TBD2070R



TBD2070S



TBD2070R/TBD2070S

Product specifications	
Item No.	TBD2070R/TBD2070S
LED source	CREE
Beam angle	20°/30°/40°
LED color	2200K~6500K
Power	5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	09
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Inground Light



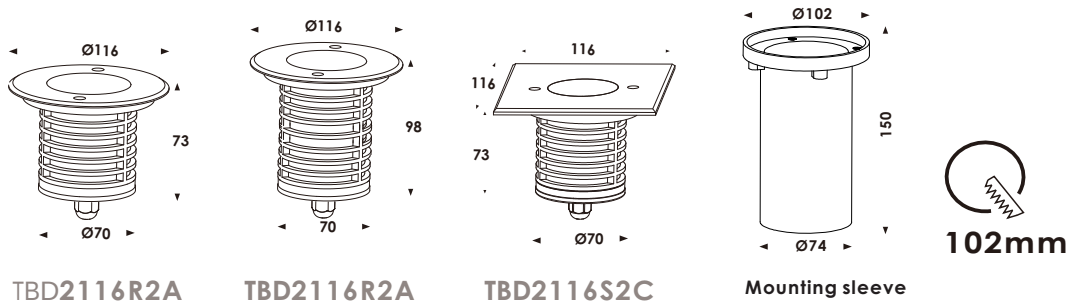
TBD2116R2A



TBD2116R2C



TBD2116S2A



TBD2116R2A

TBD2116R2A

TBD2116S2C

Mounting sleeve

Product specifications		
Item No.	TBD2116R2A/JY2116S2	TBD2116R2C
LED source	CREE 1304	CREE 1512
Beam angle	12°/24°/38°/60°	15°/24°/40°
LED color	2700K~6500K	2700~6500K
Power	6W	13W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

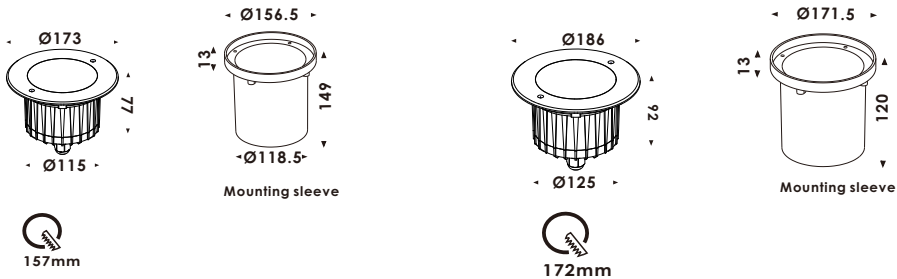
LED Inground Light



TBD2173R2AB3Y



TBD2186R2AB3Y



TBD2173R2AB3Y

TBD2186R2AB3Y

Product specifications		
Item No.	TBD2173R2AB3Y	TBD2186R2AB3Y
LED source	CREE	CREE
Beam angle	20°/38°/40°	20°/38°/40°
LED color	2700K~6500K	2700~6500K
Power	1*13W	1*25W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	09	
Luminance(lm)	Warm white=lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	



LED Inground light



Product Introduction

- 1.Adopt integrated body design, could be fully heat dissipation and fully ensure the stability and long lifespan of led.
- 2.316 stainless steel surface cover with titanize treatment process,environmental ACD12# high strength die-casting aluminum lamp housing with imported American brand Tiger powder coating spray process,the high quality material make the light can be used in some place with high acids and bases like sea side.
- 3. Ultra clear and highly strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
- 4.CREE brand as LED light source, ultra high lumen output, high light color uniformity and high CRI (Ra>80 or Ra>90).
- 5.Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate.
- 6.Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function.
- 7.Accessory: high-impact durable ABS mounting sleeve.

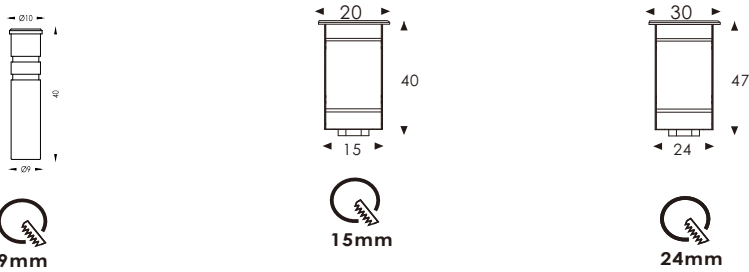
Optical Controlling Accessories



LED Inground Light



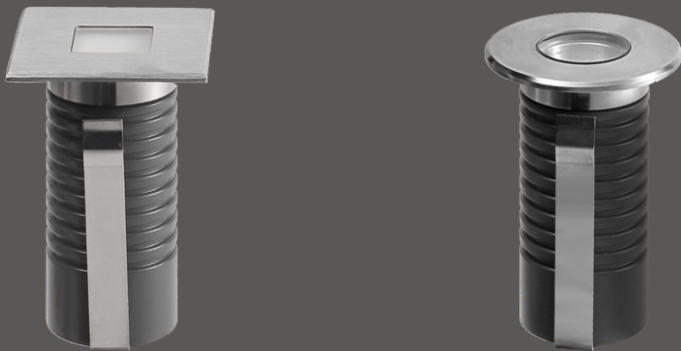
TBD2010R TBD2020R TBD2030R



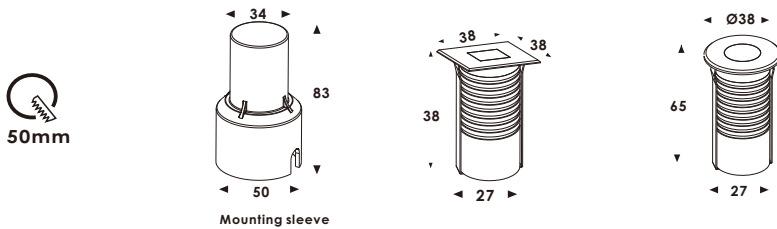
TBD2010R TBD2020R TBD2030R

Product specifications			
Item No.	TBD2010R	TBD2020R	TBD2030R
LED source	OSRAM	OSRAM	OSRAM
Beam angle	120°	120°	120°
LED color	2700K~6500K	2700~6500K	2700~6500K
Power	1*0.2W	1*0.2W	1*0.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		
Operating temperature	-20℃~40℃		
IK rate	04		
Luminance(lm)	Warm white=15lm		
Dimmable support	-		

LED Inground Light



TBD2038S TBD2038R



TBD2038S TBD2038R

Product specifications	
Item No.	TBD2038R/TBD2038S
LED source	OSRAM
Beam angle	25°/40°/60°/120°
LED color	2000K~6500K
Power	1*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	07
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI

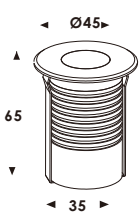
LED Inground Light



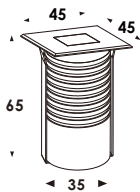
TBD2045R



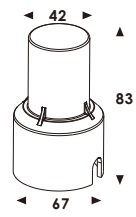
TBD2045S



TBD2045R



TBD2045S



Mounting sleeve



67mm

Product specifications				
Item No.	TBD2045R/TBD2045S		TBD2045R4/TBD2045S4	
LED source	OSRAM		OSRAM	
Beam angle	25°/40°/60°		120°	
LED color	2200K~6500K/RGB 3IN1		2700~6500K	
Power	1*2W		1*1W/1*2W	
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	08			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

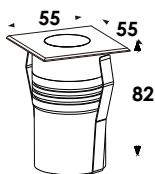
LED Inground Light



TBD2055S



TBD2055R



TBD2055S



TBD2055R



Mounting sleeve



80mm

Product specifications			
Item No.	TBD2055R/TBD2055S		TBD2055R4/TBD2055S4
LED source	CREE/OSRAM	OSRAM	OSRAM
Beam angle	10°/15°/25°/40°/60°	25°/40°/60°	120°
LED color	2200K~6500K	RGB 3IN1/RGBW	2700~6500K
Power	1*1W/1*2W	1*3W	1*1W/1*2W
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	H05RN-F-4*0.75mm ²
			H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Inground Light

IP67

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

RGBW



TBD2055R8

LED Inground Light

IP67

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

RGBW



TBD2116R2



TBD2116S2



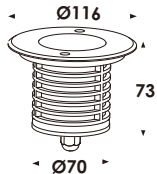
TBD2116R2



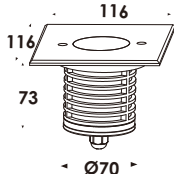
80mm

Mounting sleeve

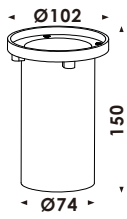
TBD2045R8



TBD2116R2



TBD2116S2



Mounting sleeve



102mm

Product specifications				
Item No.	TBD2045R8			
LED source	OSRAM			
Beam angle	120°			
LED color	2200K~6500K/RGB 3IN1/RGBW(2700K/3000K/4000K/6000K)			
Power	1*2W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	08			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Product specifications			
Item No.	TBD2116R/TBD2116S		TBD2116R4/TBD2116S4
LED source	CREE/OSRAM	OSRAM	OSRAM
Beam angle	10°/15°/25°/40°/60°	25°/40°/60°	120°
LED color	2200K~6500K	RGB 3IN1/RGBW	2700~6500K
Power	3*2W	3*3W	1.6W/6W
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	H05RN-F-4*0.75mm ²
			H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃		
IK rate	08		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		



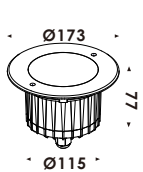
LED Inground Light



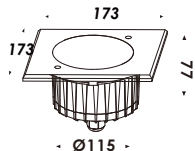
TBD2173R



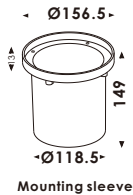
TBD2173S



TBD2173R



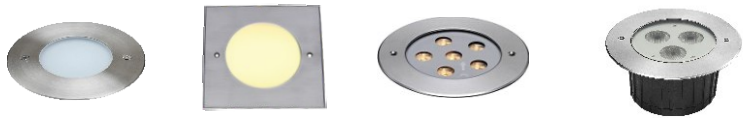
TBD2173S



Mounting sleeve

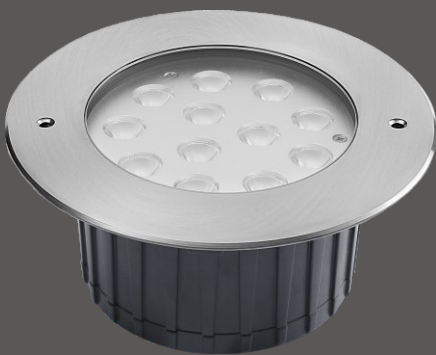


157mm

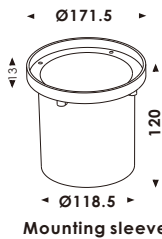
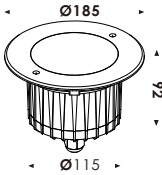
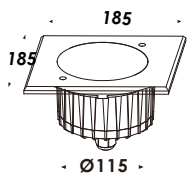


Product specifications			
Item No.	TBD2173R/TBD2173S		TBD2173R4/TBD2173S4
LED source	CREE/OSRAM	OSRAM	OSRAM
Beam angle	15°/25°/40°/60°	25°/40°/60°	120°
LED color	2200K~6500K	RGB 3IN1 /RGBW (3000K/4000K/6000K)	2700~6500K
Power	6*2W	6*3W/6*4W	5W/12W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Inground Light



TBD2185R



Mounting sleeve



172mm



Product specifications			
Item No.	TBD2185R		TBD2185R4
LED source	CREE/OSRAM	OSRAM	OSRAM
Beam angle	10°/15°/25°/40°/60°	25°/40°/60°	120°
LED color	2200K~6500K	RGB 3IN1 /RGBW	2700~6500K
Power	12*2W/18*1.5W	12*3W/12*4W	9W/24W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	10		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Slim Type LED Inground Light

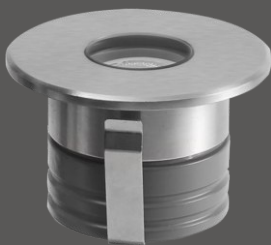


TBD2050R

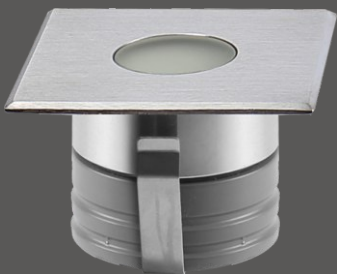


TBD2055S

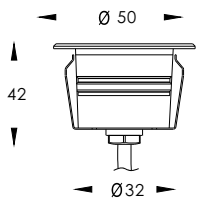
Slim Type LED Inground Light



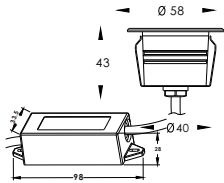
TBD2058R



TBD2058S



TBD2055

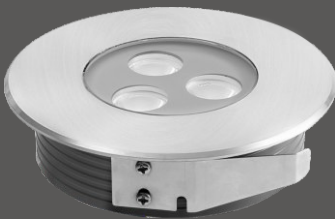


TBD2058

Product specifications	
Item No.	TBD2055R/TBD2055S
LED source	OSRAM
Beam angle	25°/40°/60°
LED color	2200K~6500K
Power	1*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	08
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

Product specifications		
Item No.	TBD2058R/TBD2058S	TBD2058R4/TBD2058S4
LED source	CREE/OSRAM	OSRAM
Beam angle	10°/15°/25°/40°/60°	120°
LED color	2200K~6500K	2700~6500K
Power	1*2W	1.6W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	08	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

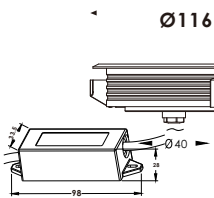
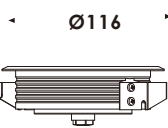
Slim Type LED Inground Light



TBD2116R2B



TBD2116S2B



TBD2116R2B/2116S2B/2116R4B

External 220-240VAC input voltage / external DMX512 decoder

Product specifications			
Item No.	TBD2116R2B/TBD216S2B		TBD2116R4B/TBD2116S4B
LED source	CREE/OSRAM	OSRAM	OSRAM
Beam angle	15°/25°/40°/60°/35 45°	25°/40°/60°	120°
LED color	2200K~6500K	RGB 3IN1 /RGBW (3000K/4000K/6000K) 2700~6500K	
Power	3*2W/1*6W	3*2W/3*2W	1.6W/6W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃ ~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

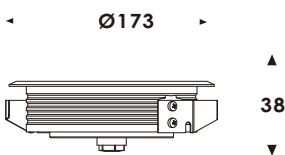
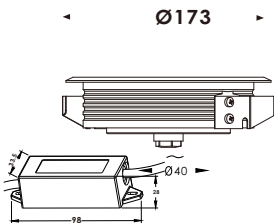
Slim Type LED Inground Light



TBD2173S2B



TBD2173R2B



TBD2173R2B/TBD2173S2B

External 220-240VAC input voltage / external DMX512 decoder

Product specifications			
Item No.	TBD2173R2B/TBD2173S2B		TBD2173R4B/TBD2173S4B
LED source	CREE/OSRAM	OSRAM	OSRAM
Beam angle	10°/15°/25°/40°/60°/35 45°	25°/40°/60°	120°
LED color	2200K~6500K	RGB 3IN1 /RGBW 2700~6500K	
Power	6*2W/1*12W	6*2W	5W/12W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃ ~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		



Recessed Inground Side-light



LED Inground Light



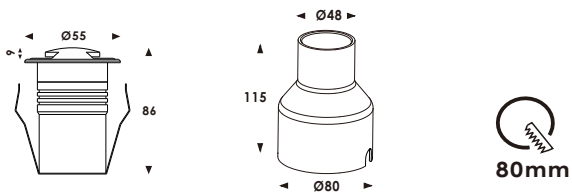
LED Inground Light



TBD2070R7-1WAY TBD2070R7-2WAY

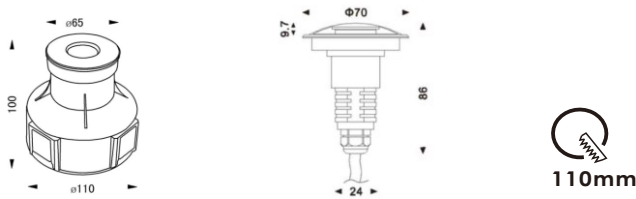


TBD2055R7-1WAY TBD2055R7-2WAY TBD2055R7-4WAY



Mounting sleeve

Product specifications				
Item No.	TBD2055R7-1WAY/2WAY/4WAY			
LED source	CREE/OSRAM			
Beam angle	1WAY/2WAY/4WAY			
LED color	2200K~6500K/RGB 3IN1/RGBW(3000K/4000K/6000K)			
Power	1*2W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=1m			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			



Mounting sleeve

TBD2070R7

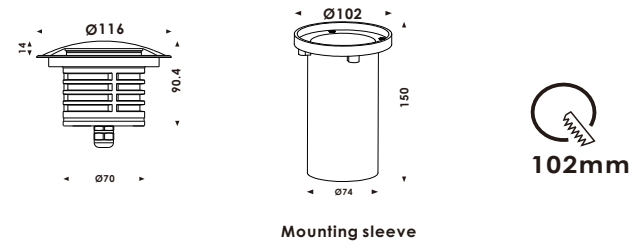
Product specifications	
Item No.	TBD2070R7-1WAY/2WAY
LED source	CREE/OSRAM
Beam angle	1WAY/2WAY
LED color	2200K~6500K
Power	1*1W/1*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm ²
	Single color:AC220~240V H05RN-F-3*0.75mm ²
Operating temperature	-20℃~40℃
IK rate	09
Luminance(lm)	Warm white=1m
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

External 220-240VAC input voltage / external DMX512 decoder

LED Inground Light



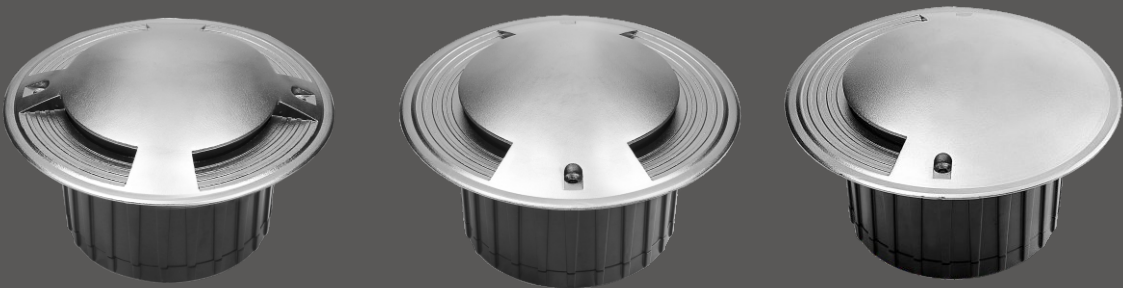
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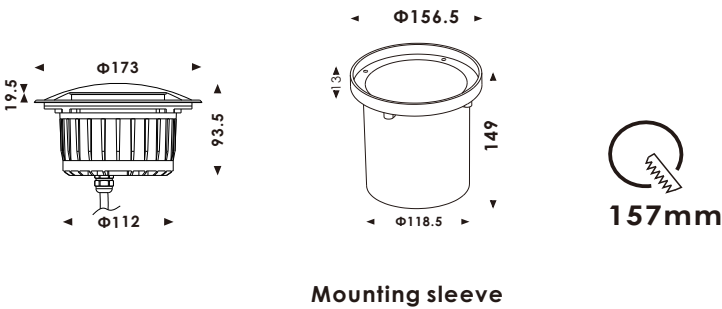
TBD2116R7-1WAY/2WAY/4WAY

Product specifications				
Item No.	TBD2116R7-1WAY/2WAY/4WAY			
LED source	CREE/OSRAM			
Beam angle	1WAY/2WAY/4WAY			
LED color	2200K~6500K/RGB 3IN1/RGBW(3000K/4000K/6000K)			
Power	1.6W/4W/6W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

LED Inground Light



TBD2173R7-4WAY TBD2173R7-2WAY TBD2173R7-1WAY



TBD2173R7

Product specifications				
Item No.	TBD2173R7-1WAY/2WAY			
LED source	CREE/OSRAM			
Beam angle	1WAY/2WAY/4WAY			
LED color	2200K~6500K			
Power	5W/12W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

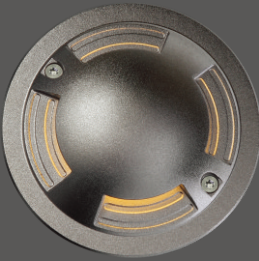
LED Inground Light



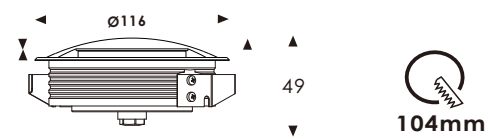
TBD2116R7B-1WAY



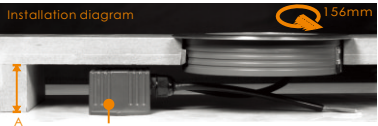
TBD2116R7B-2WAY



TBD2116R7B-4WAY

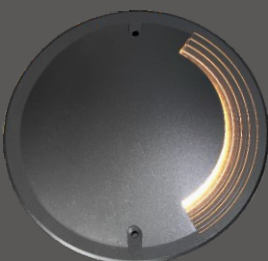


TBD2116R7B-1WAY/2WAY/4WAY

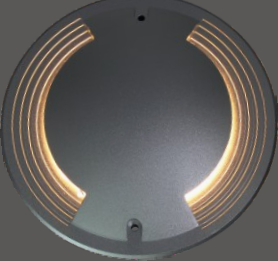


Product specifications				
Item No.	TBD2116R7B-1WAY/2WAY/4WAY			
LED source	CREE/OSRAM			
Beam angle	1WAY/2WAY/4WAY			
LED color	2200K~6500K/RGB 3IN1/RGBW(3000K/4000K/6000K)			
Power	1.6W/4W/6W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

LED Inground Light



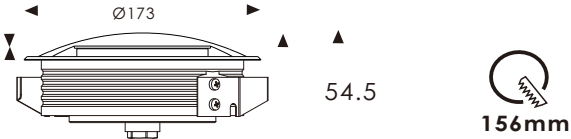
TBD2173R7B-2WAY



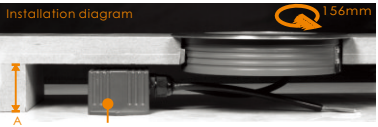
TBD2173R7B-2WAY



TBD2173R7B-1WAY



TBD2173R7B-1WAY/2WAY/4WAY



Product specifications				
Item No.	TBD2173R7B-1WAY/2WAY			
LED source	CREE/OSRAM			
Beam angle	1WAY/2WAY/4WAY			
LED color	2200K~6500K			
Power	5W/12W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm ²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm ²
	Single color:AC220~240V	H05RN-F-3*0.75mm ²	RGBW:DC12V/DC24V	H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

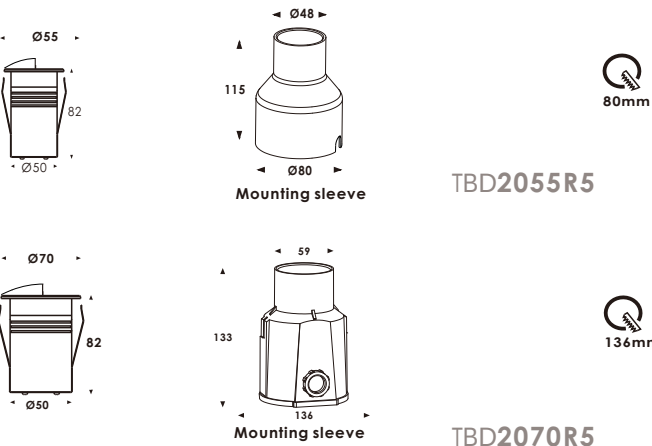
LED Inground Light



TBD2055R5

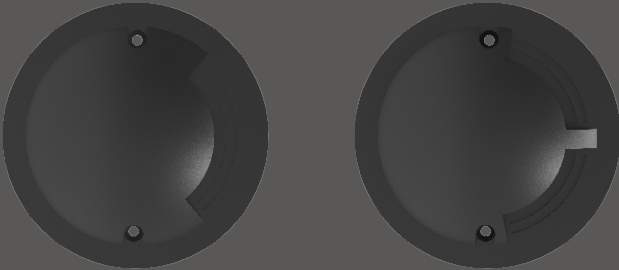


TBD2070R5



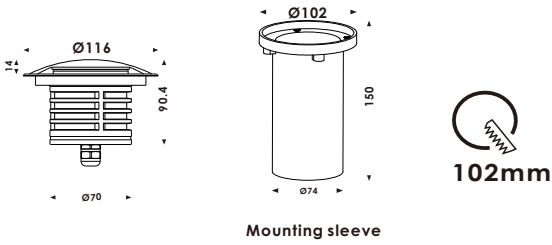
Product specifications		
Item No.	TBD2055R5	TBD2055R5
LED source	CREE/OSRAM	CREE
Beam angle	15°/25°/40°/60°	20°/38°/40°
LED color	2200K~6500K/RGB 3IN1/RGBW(3000K/4000K/6000K)	2700~6500K
Power	1*2W	6W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm ² Single color:AC220~240V H05RN-F-3*0.75mm ²	RGB:DC12V/DC24V H05RN-F-4*0.75mm ² RGBW:DC12V/DC24V H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

LED Inground Light



TBD2116R7-2WAY

TBD2116R7-1WAY



TBD2116R7

Product specifications				
Item No.	TBD2116R7-1WAY/2WAY			
LED source	CREE/OSRAM			
Beam angle	1WAY/2WAY/4WAY			
LED color	2200K~6500K/RGB 3IN1/RGBW(3000K/4000K/6000K)			
Power	1.6W/4W/6W			
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm ² H05RN-F-3*0.75mm ²	RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm ² H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

LED Wall light

Product Introduction

- 1.The products are self - developed with independent intellectual property rights. And LEDs are hidden deep in the bottom enables the lighting fixture with excellent anti-glare performance.
- 2.Integrated heat radiation structure design provides sufficient heat dissipation for the LED,thus the lights has long lifetime..
- 3.316L stainless steel surface cover with titanize treatment process,environmental ACD12# high strength die-casting aluminum lamp housing with imported American brand Tiger powder coating spray process,the high quality material make the light can be used in some place with high acids and bases like sea side.
- 4. Ultra clear and high strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
- 5.CREE brand as LED light source, ultra high lumen output, high light color uniformity and high CRI (Ra>80 or Ra>90).
- 6.Top quality driver, components and excellent circuit design ensures the product with stable quality and low failure rate.
- 7.Optional DMX512, 0/1-10V, DALI, TRIAC, PWM dimming function.



1C
LED Wall Light

IP65

RoHS

CE

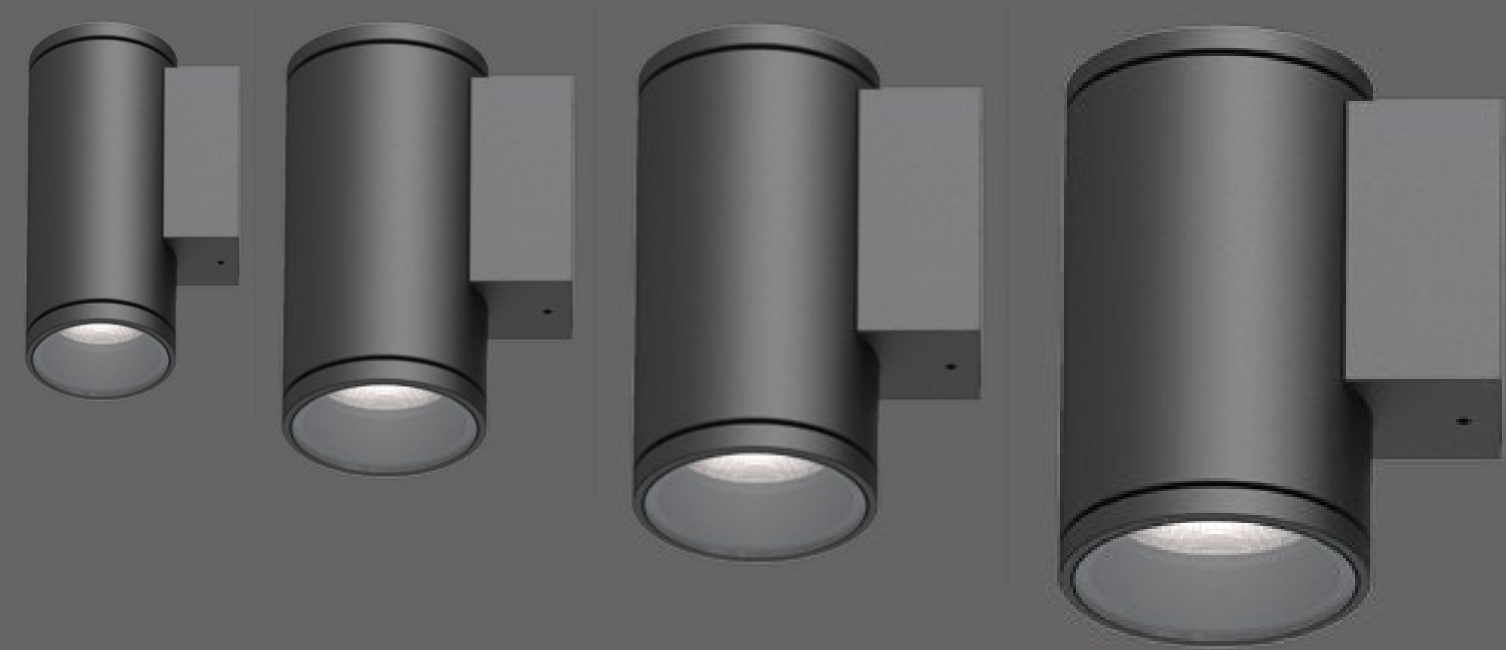
1-10V

Triac

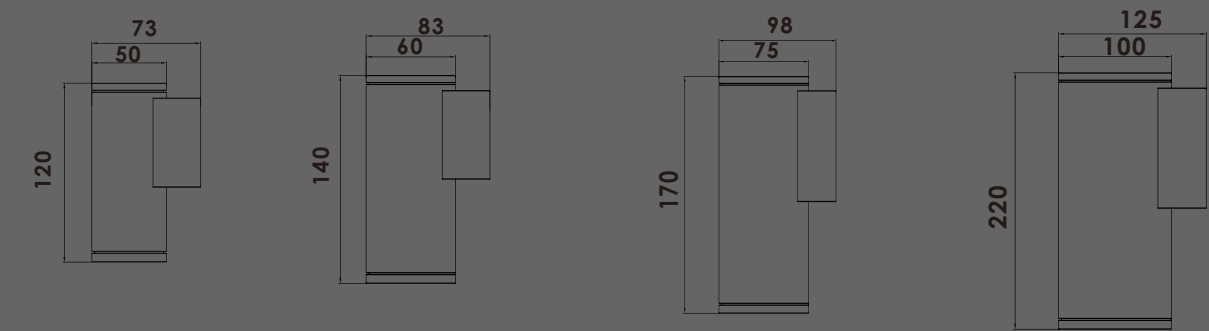
PWM

DALI

DMX512

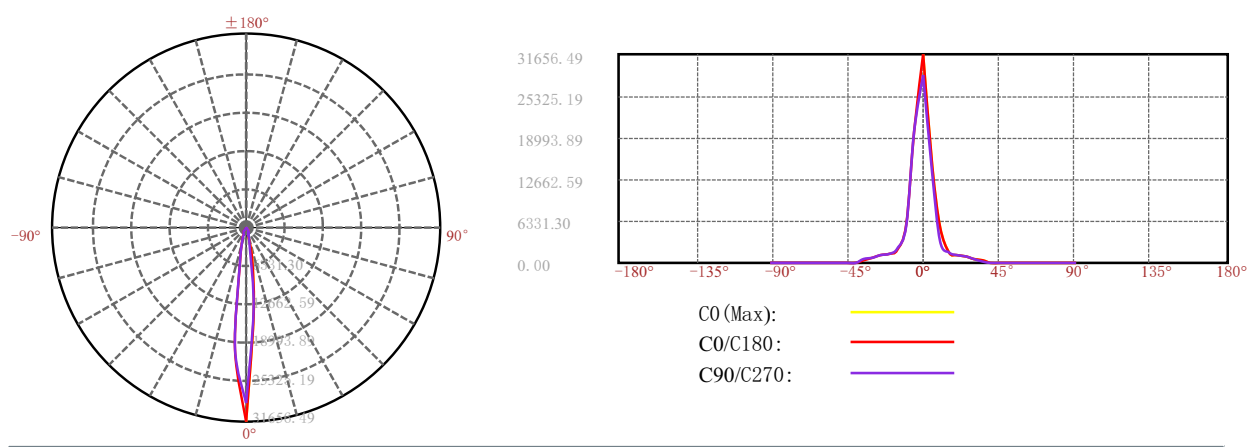


TBD1050R1AB3X TBD1060R1AB3X TBD1075R1AB3X TBD1100R1AB3X



Product specifications				
Item No.	TBD1050R1AB3X	TBD1060R1AB3X	TBD1075R1AB3X	TBD1100R1AB3X
LED source	CREE COB1304	CREE	CREE COB	OSRAM
Beam angle	15°/24°/36°/60°	15°/24°/36°/60°	15°/25°/36°/60°	15°/25°/36°/60°
LED color	2700K~6500K	2700~10000K	2700~6500K	2700~6500K
Power	1*5W	1*10W	1*15W	1*20W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V			
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve



1C
LED Wall Light

IP65

RoHS

CE

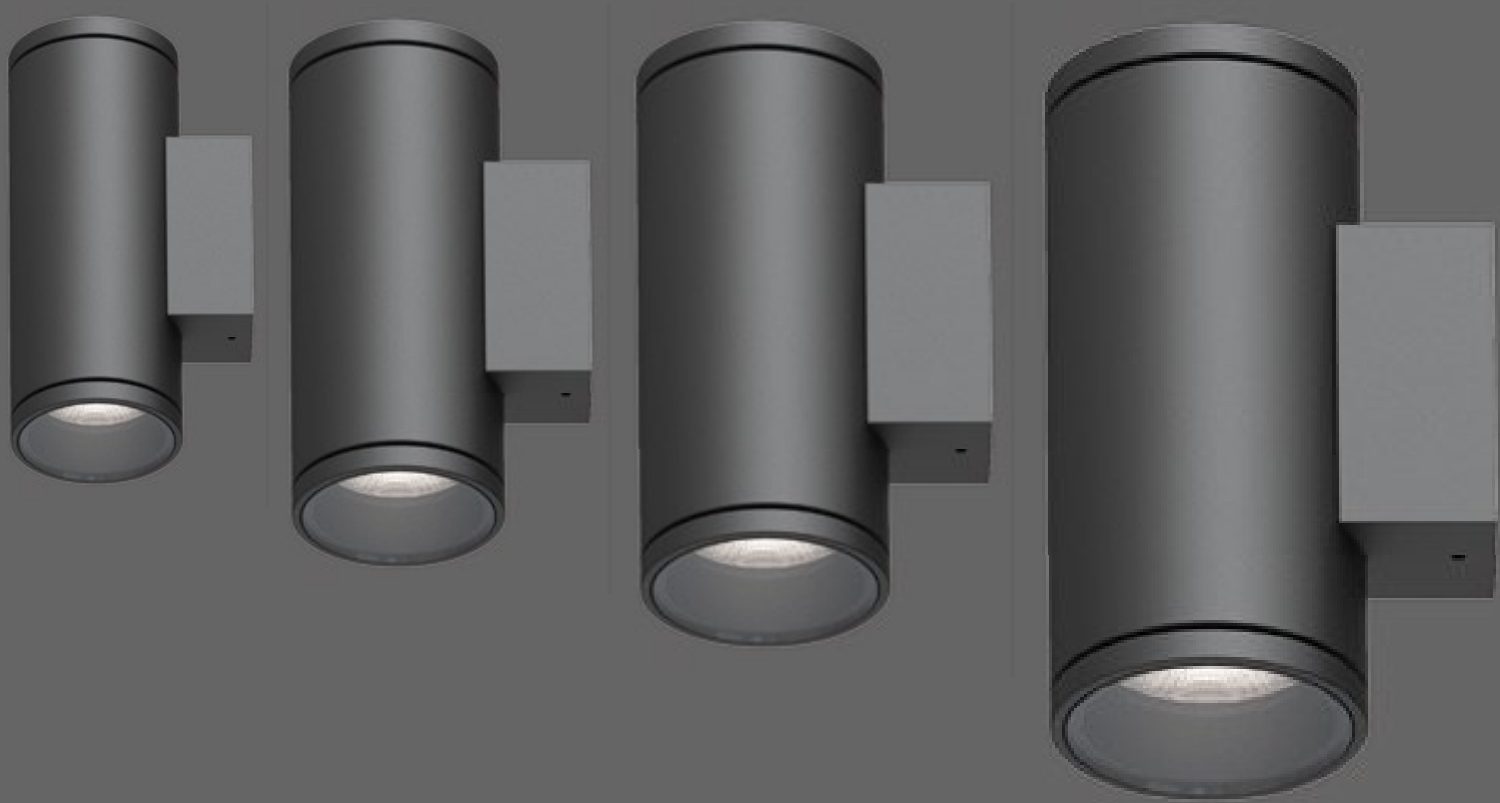
1-10V

Triac

PWM

DALI

DMX512

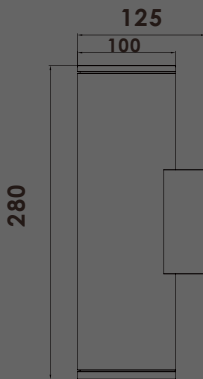
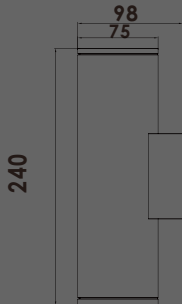
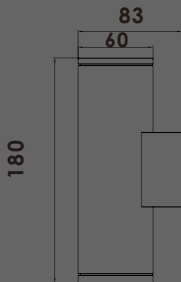
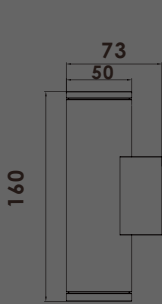


TBD1050R1BB3X

TBD1060R1BB3X

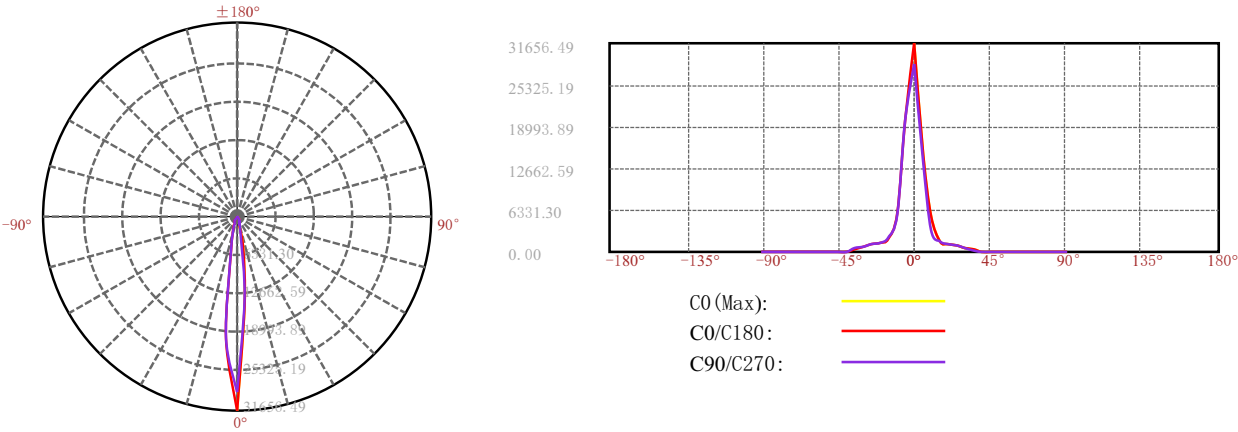
TBD1075R1BB3X

TBD1100R1BB3X

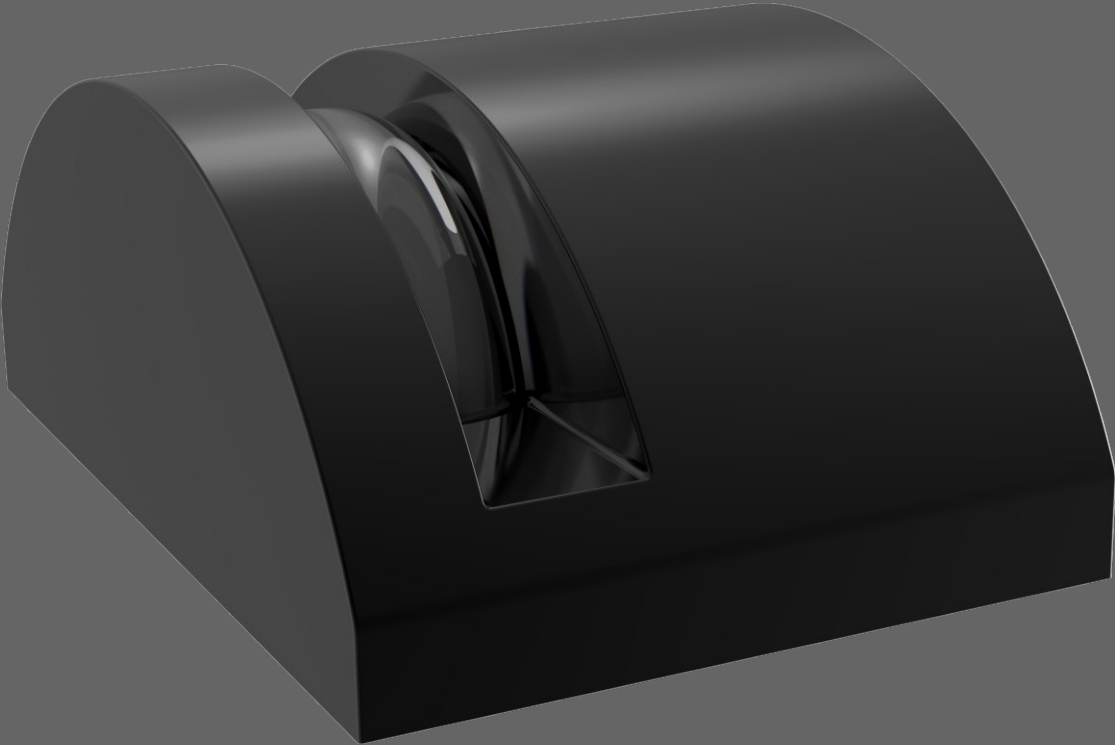


Product specifications				
Item No.	TBD1050R1AB3X	TBD1060R1AB3X	TBD1075R1AB3X	TBD1100R1AB3X
LED source	CREE COB1304	CREE	CREE COB	OSRAM
Beam angle	15°/24°/36°/60°	15°/24°/36°/60°	15°/25°/36°/60°	15°/25°/36°/60°
LED color	2700K~6500K	2700~10000K	2700~6500K	2700~6500K
Power	2*4W	2*9W	2*14W	2*19W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²		
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

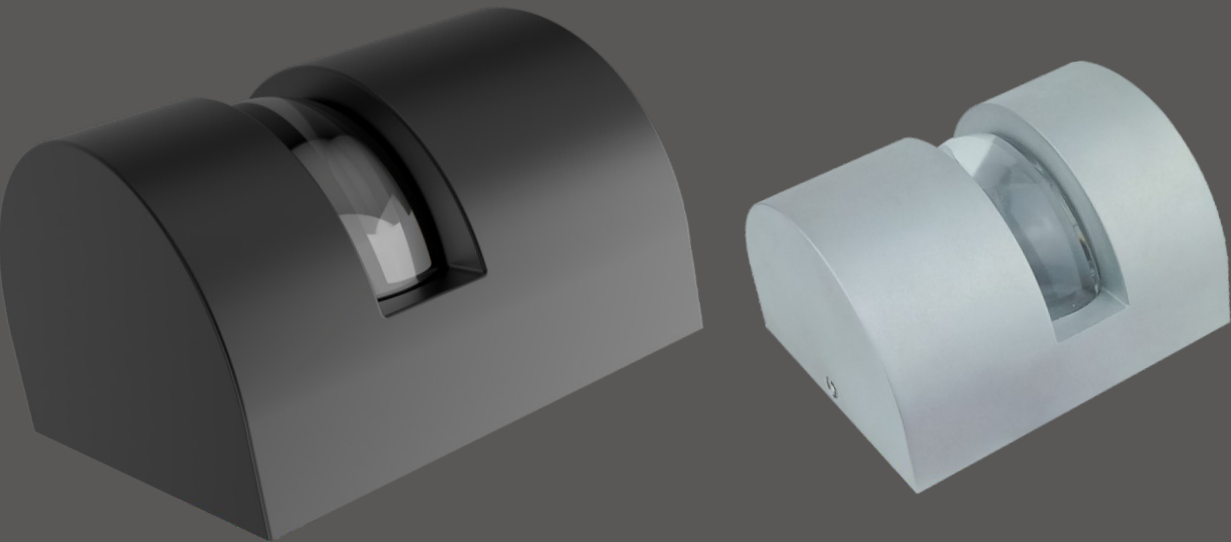
Light Distribution Curve



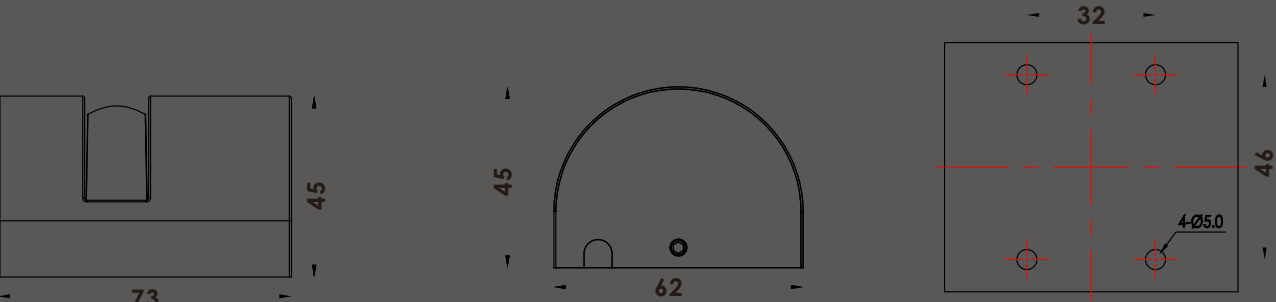
LED Outline light Series



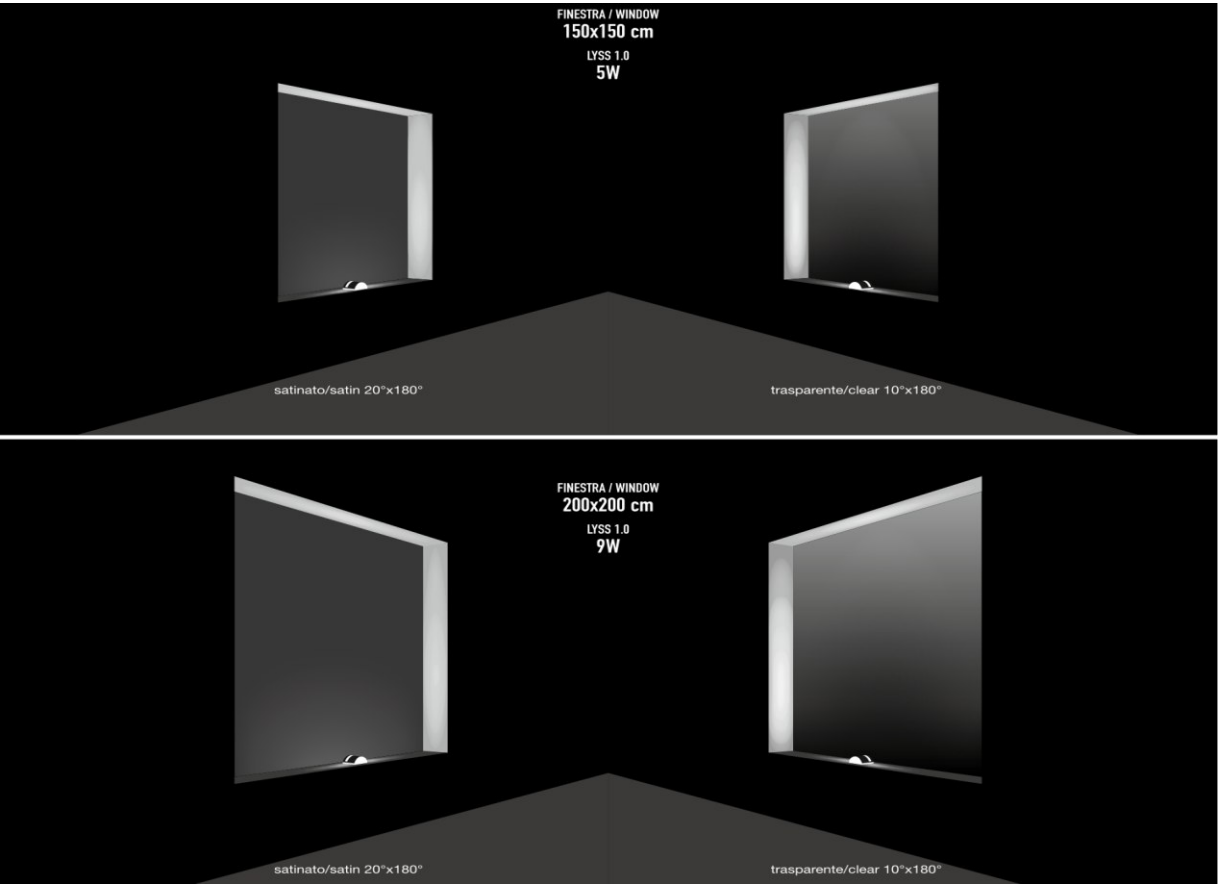
1A
LED Outline Light



TBD1062R1AA3X

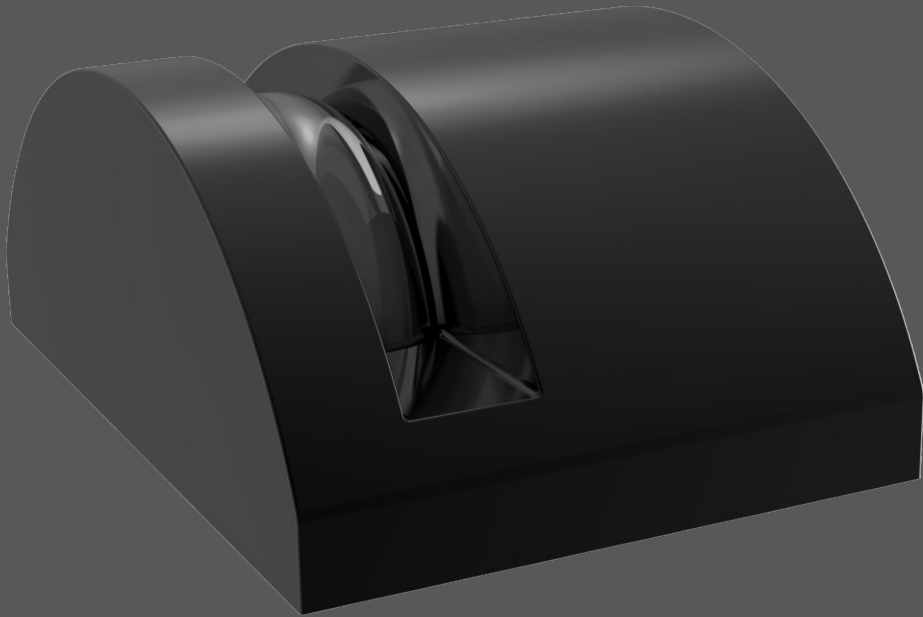


Product specifications	
Item No.	TBD1062R1AA3X
LED source	CREE / OSRAM
Beam angle	2°120°
LED color	2200K~6500K
Power	1*13W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white= lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

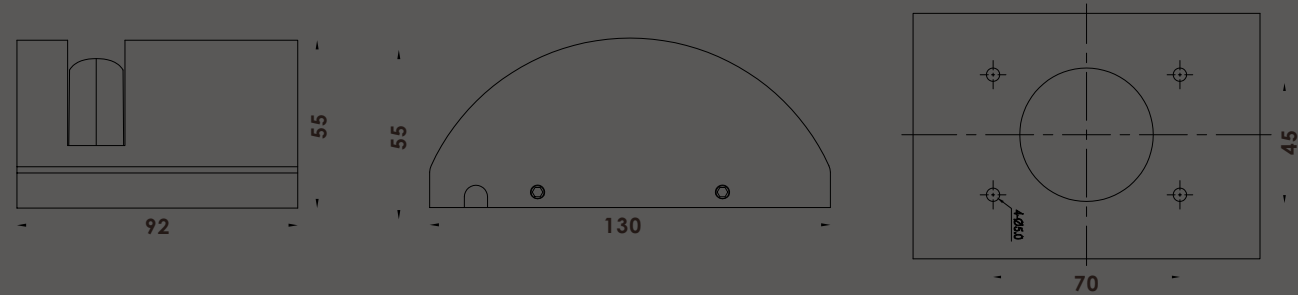


1A

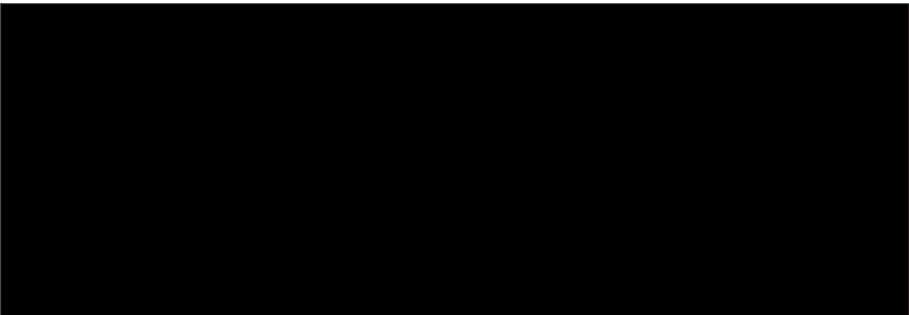
LED Outline Light



TBD1092R1AA3X



Product specifications	
Item No.	TBD1092R1AA3X
LED source	CREE / OSRAM
Beam angle	2*120°
LED color	2200K~6500K
Power	6*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white= lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512



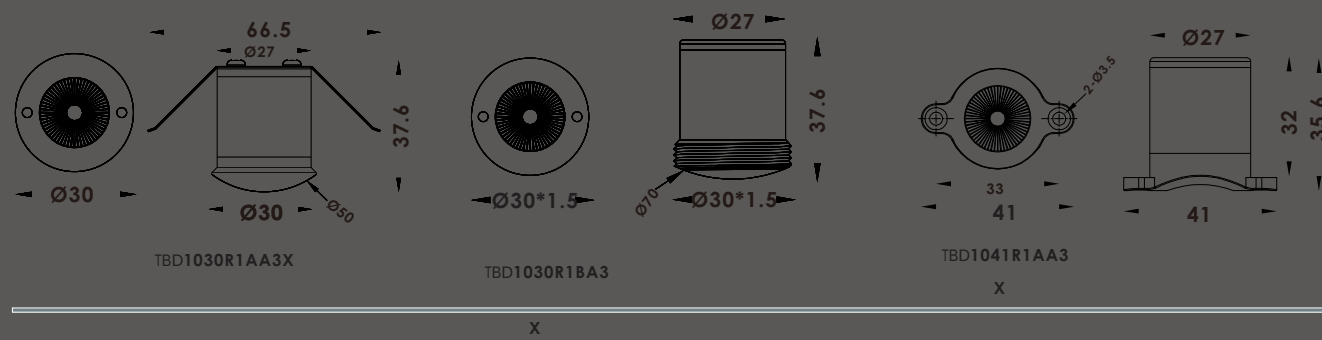
LED Handrail Light



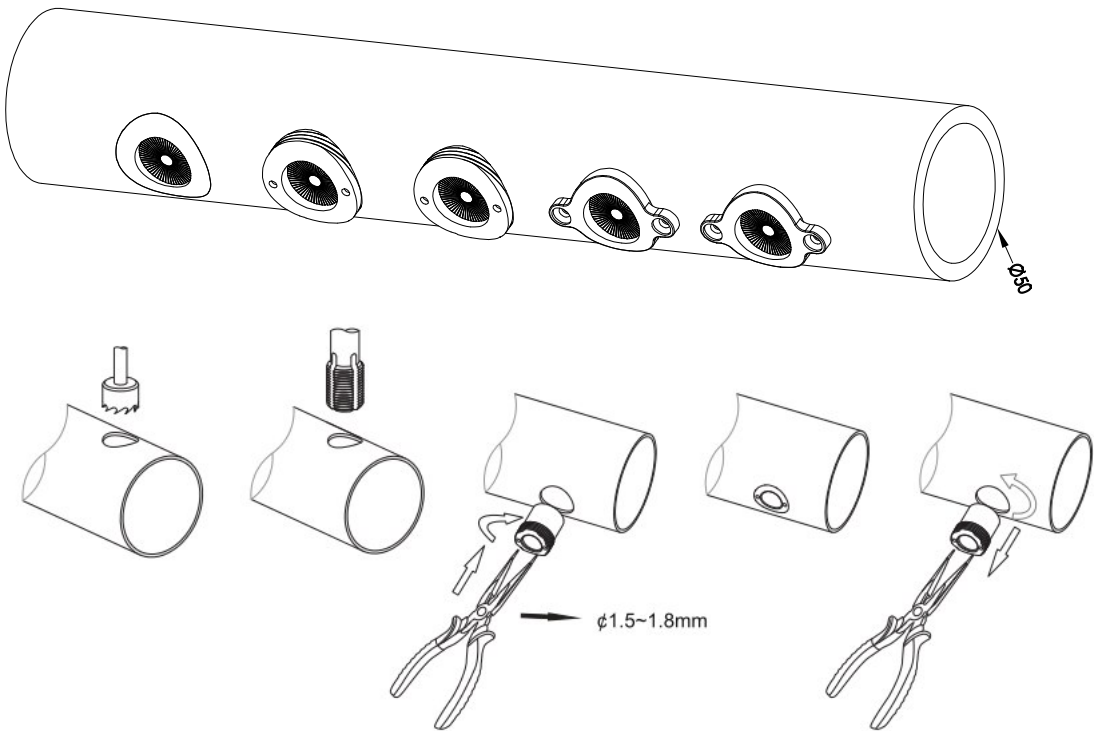
TBD1030R1AA3X

TBD1030R1BA3X

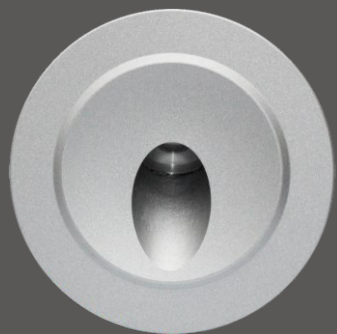
TBD1041R1AA3X



Product specifications	
Item No.	TBD1030R1AA3X/TBD1030R1BA3X/TBD1041R1AA3X
LED source	OSRAM
Beam angle	40°/90°
LED color	2200K~6500K
Power	1*1W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white= lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

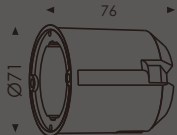
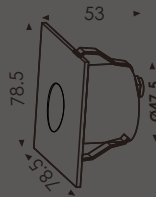
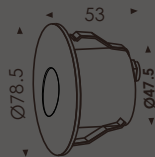
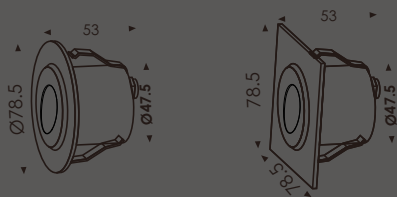


LED Wall Light



TBD1078R5

TBD1078S5



Mounting sleeve

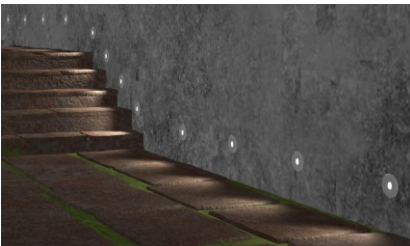
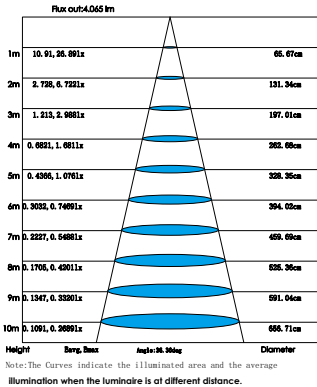
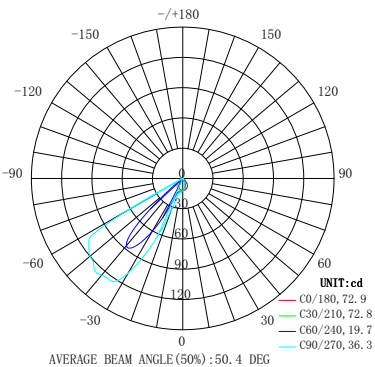
Front cover color option



White Black Silver

Product specifications	
Item No.	TBD1078R5/TBD1078S5
LED source	CREE
Beam angle	60°
LED color	2200K~6500K
Power	1*1W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	05
Luminance(lm)	Warm white= lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

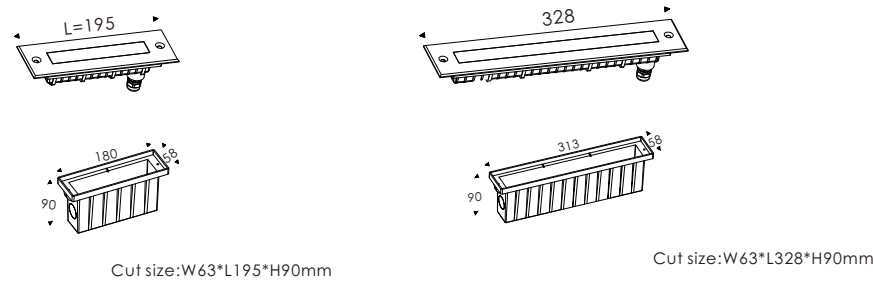
Light Distribution Curve



LED wall Light



TBD1063L2-0.195M TBD1063L2-0.328M



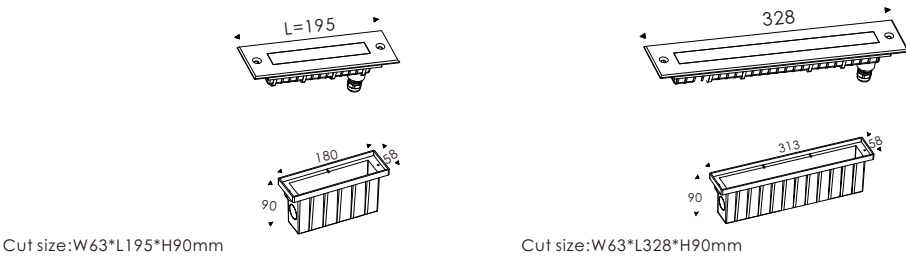
TBD1063L2-0.195M TBD1063L2-0.328M

Product specifications		
Item No.	TBD1063L2-0.195M	TBD1063L2-0.328M
LED source	OSRAM	OSRAM
Beam angle	20°/30°/40°/35 45°	20°/30°/40°/35 45°
LED color	2200K~6500K	2200~6500K
Power	3*2W	6*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃ ~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

LED Wall Light



TBD1063L4



TBD1063L4-0.195M TBD1063L4-0.328M

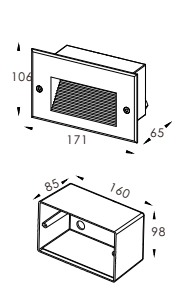
Product specifications		
Item No.	TBD1063L4-0.195M	TBD1063L4-0.328M
LED source	OSRAM	OSRAM
Beam angle	120°	120°
LED color	2700K~6500K	2700~6500K
Power	1.4W/3W/6W	3W/6W/12W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃ ~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

LED wall Light



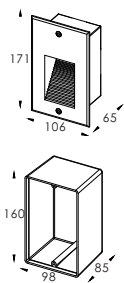
TBD1171L5AC7Y

TBD1106S5AC7Y



Mounting sleeve

Cut size:W98*L160*H85mm



Mounting sleeve

Cut size:W98*L160*H85mm

TBD1171L5AC7Y

TBD1106S5AC7Y

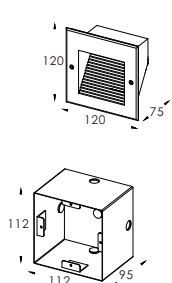
Product specifications		
Item No.	TBD1171L5C7Y	TBD1106S5AC7Y
LED source	OSRAM	OSRAM
Beam angle	120°	120°
LED color	2200K~6500K	2200~6500K
Power	1.6W/3W	1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	03	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

LED Wall Light



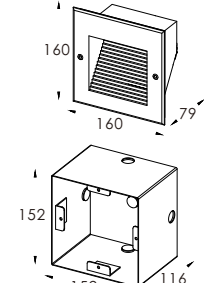
TBD1120S5AC7Y

TBD1160S5AC7Y



Mounting sleeve

Cut size:W112*L112*H95mm



Mounting sleeve

Cut size:W152*L152*H116mm

TBD1120S5AC7Y

TBD1160S5AC7Y

Product specifications		
Item No.	TBD1120S5AC7Y	TBD1160S5AC7Y
LED source	OSRAM	OSRAM
Beam angle	120°	120°
LED color	2700K~6500K	2700~6500K
Power	1.4W/3W/	3W/6W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	
Operating temperature	-20℃~40℃	
IK rate	03	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	



LED wall Light



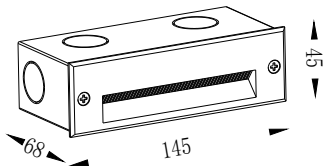
TBD1145L5C7Y



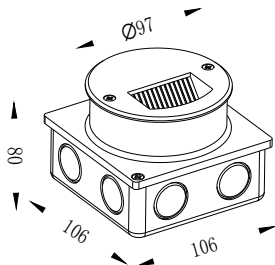
TBD1097R5C7Y



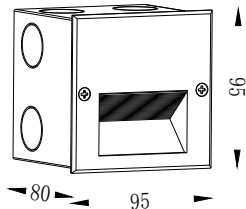
TBD1095S5C7Y



TBD1145L5C7Y



TBD1097R5C7Y



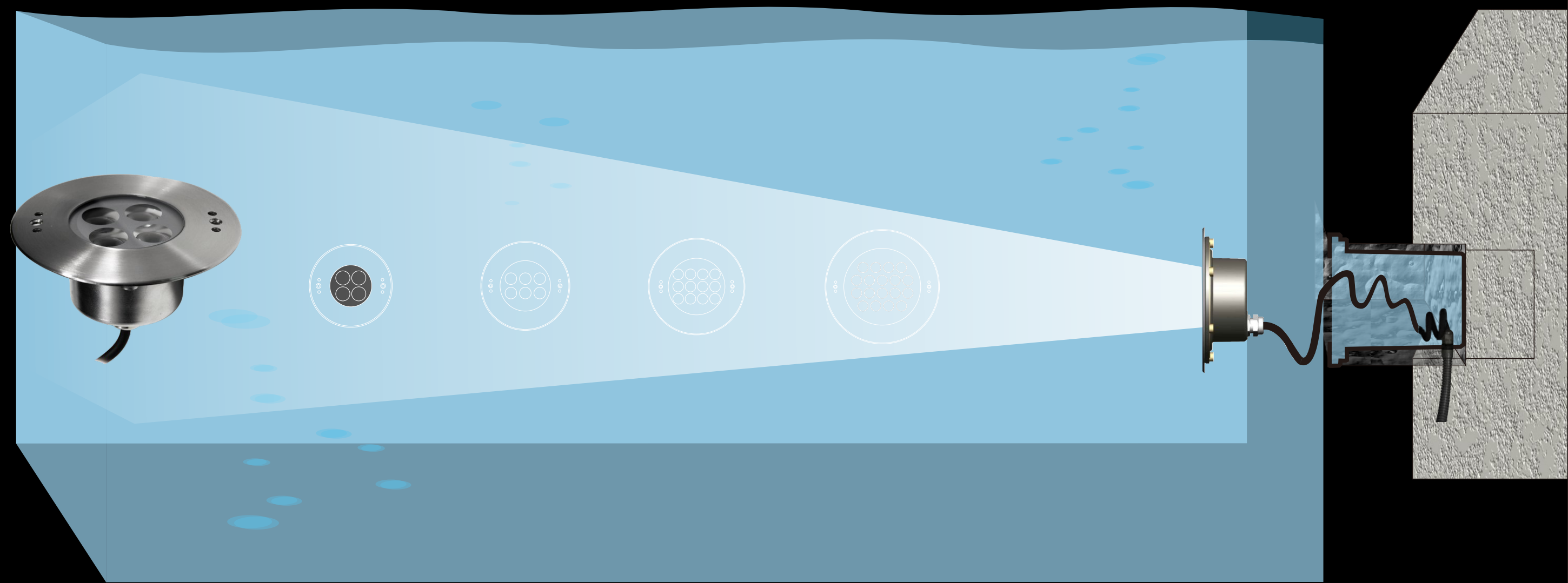
TBD1095S5C7Y



Product specifications			
Item No.	TBD1145L5C7Y	TBD1097R5C7Y	TBD1095S5C7Y
LED source	OSRAM	OSRAM	OSRAM
Beam angle	120°	120°	120°
LED color	2700K~6500K	2700~6500K	2700~6500K
Power	1.6W/3W	1*1.6W	1*1.6W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²		
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=1m		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Recessed LED Underwater Light Series

Outstanding Waterproof Performance LED Underwater lights



- 1. Concise and splendid design bring elegant and delicate appearance.
- 2. Highly clear and strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature and excellent impact resistance and rub resistance.
- 3. 316L#titanium coated stainless steel cover & 316L#sandblasted passivating SS housing guarantees outstanding corrosion resistance and stability in high acid or high alkaline environments like seaside.
- 4. CREE LED as light source to achieve high lumen output, great photochromic consistency and CRI>80 Ra (>90 Ra is available) .
- 5. Top brand electrical components like driving module to guarantee the luminous stability and low breakdown probability.
- 6. Supporting DMX512, 1-10V, DALI, TRIAC or PWM dimming system, bring smooth and soft dimming effect.
- 7. Full-time IP68 underwater working, remarkable waterproof performance and lower than 1‰ water leakage probability for long-term use.
- 8. Environmental friendly high strength ABS embedded parts.

R G B WHITE
DMX512 CONTROL INSIDE

4A

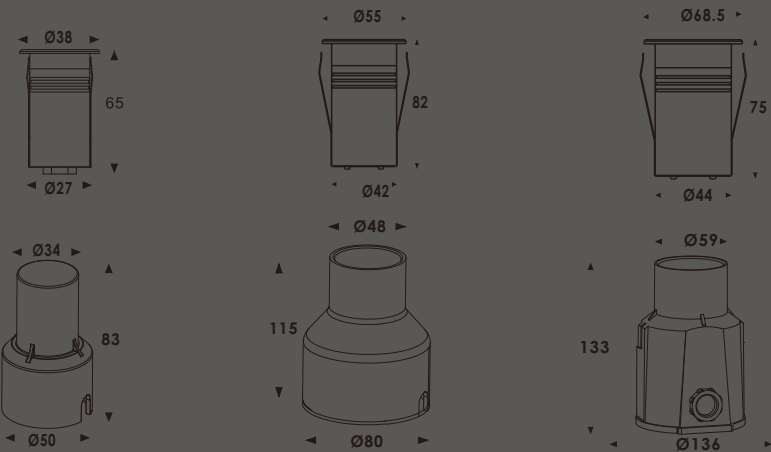
LED Recessed Underwater Light



TBD4038R

TBD4055

TBD4068R

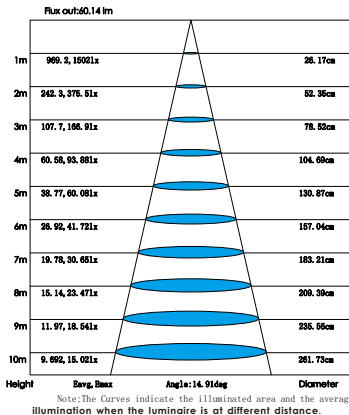
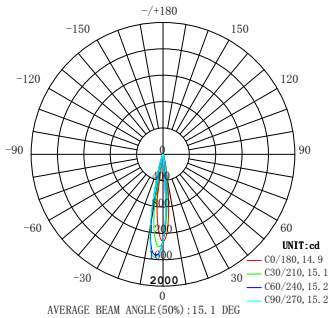


WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD4038R	TBD4055/4068R		
LED source	OSRAM	OSRAM/CREE	OSRAM	OSRAM
Beam angle	25°/30°/40°/60°	15°/30°/40°/60°/90°/35 45°	25°/40°60°	25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	2*4W	2*9W	1*3W	1*4W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

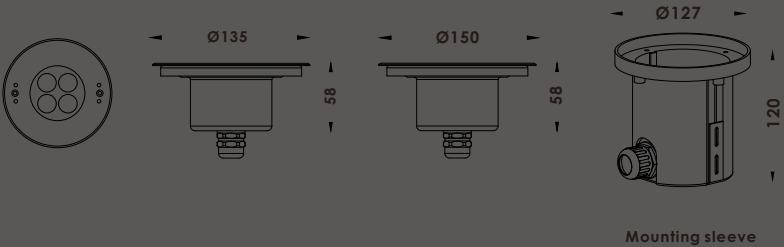


LED Recessed Underwater Light



TBD4135R

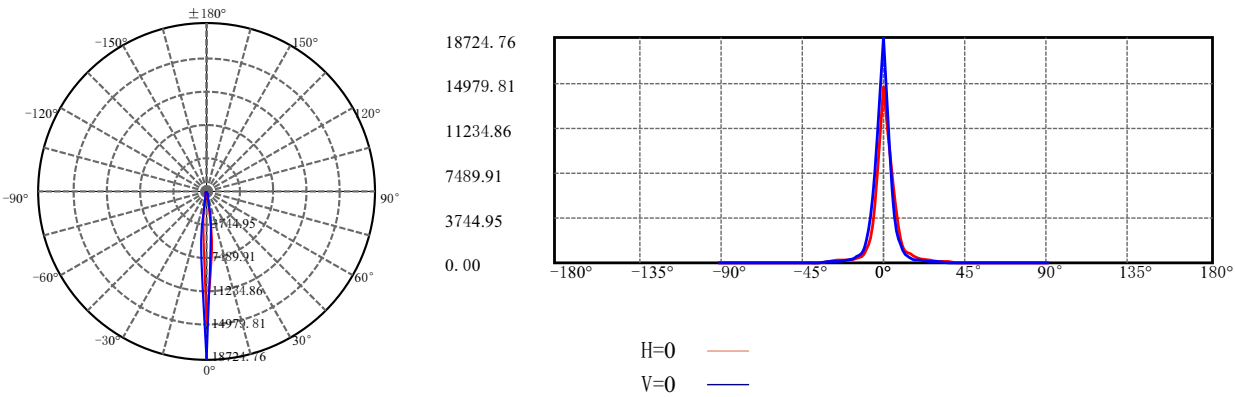
Overheat Sensor
Inside



WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD4135R/TBD4150R			
LED source	CREE COB	OSRAM	OSRAM	OSRAM
Beam angle	25°/30°/40°	15°/30°/40°/60°/90°/35 45°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	1*6W	4*2W	4*3W	4*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve



LED Recessed Underwater Light

IP68

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

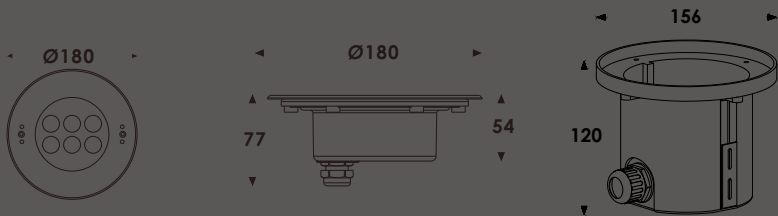
RGB

RGBW



TBD4180R

Overheat Sensor
Inside

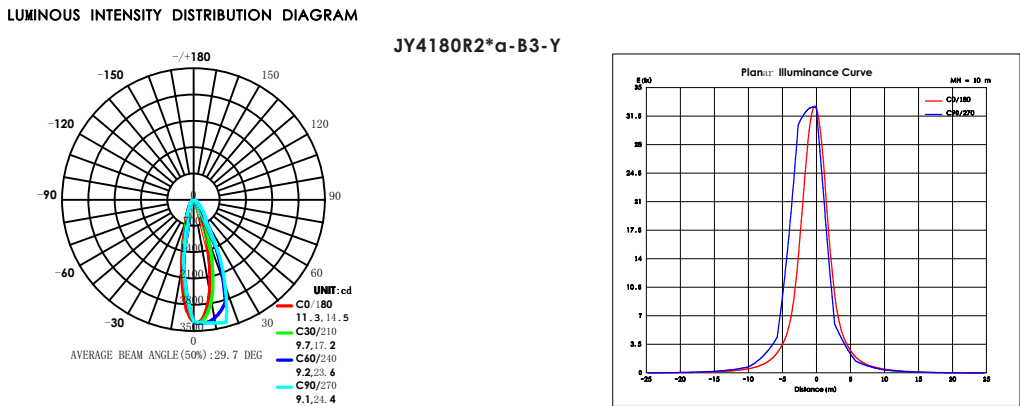


Mounting sleeve

WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD4135R/TBD4150R			
LED source	CREE COB	OSRAM	OSRAM	OSRAM
Beam angle	25°/30°/40°	15°/30°/40°/60°/90°/35 45°	25°/40°/60°	25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	1*12W	6*2W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V H07RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve



LED Recessed Underwater Light

IP68

RoHS COMPLIANT

CE

1-10V

Triac

PWM

DALI

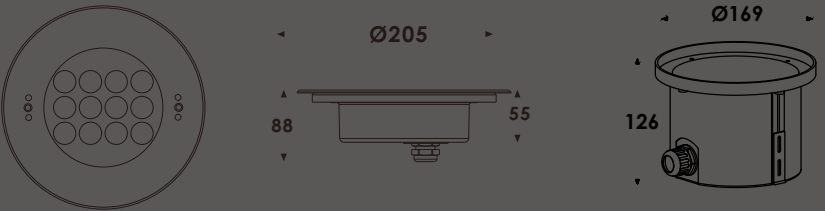
DMX 512

RGB

RGBW



Overheat Sensor Inside



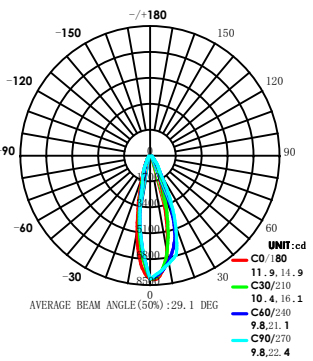
Mounting sleeve

WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

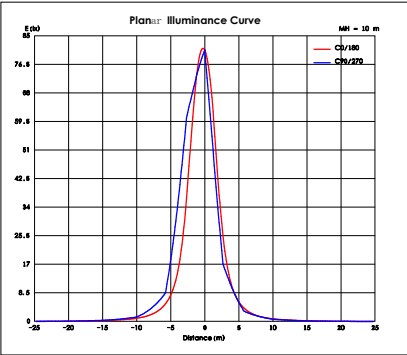
Product specifications				
Item No.	TBD4205R			
LED source	CREE COB	OSRAM	OSRAM	OSRAM
Beam angle	25°/30°/40°	15°/30°/40°/60°/90°/35 45°	25°/40°60°	25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	1*24W	12*2W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V H07RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TBD4205R2*α-B3-Y



LED Recessed Underwater Light

IP68

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

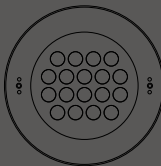
RGBW



TBD4250R



Overheat Sensor
Inside



Mounting sleeve

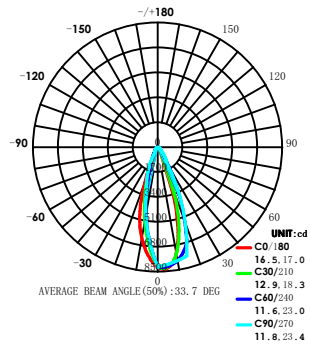
WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications

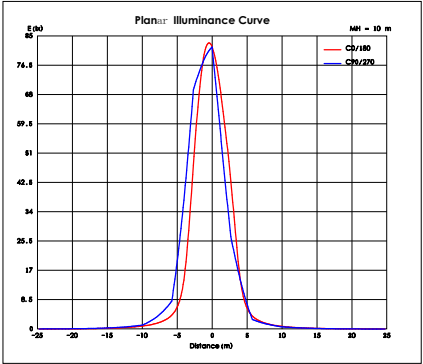
Item No.	TBD4250R			
LED source	CREE COB	OSRAM	OSRAM	OSRAM
Beam angle	25°/30°/40°	15°/30°/40°/60°/90°/35 45°	25°/40°/60°	15°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1/RGBW	2700-10000K
Power	1*46W	18*2W	18*3W	36*1.5W
Input voltage	Single color:DC12V/DC24V H07RN-F-2*1.0mm ²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm ² H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



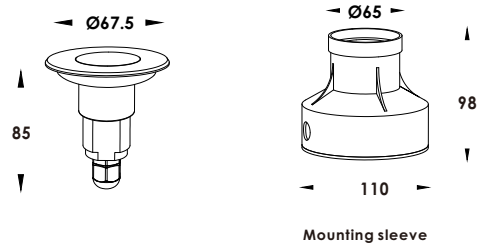
TBD4250R2AB3Y



LED Recessed Underwater Light



TBD4067R



TBD4067R

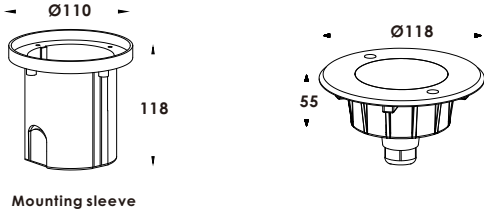


Product specifications	
Item No.	TBD4067R
LED source	OSRAM
Beam angle	20°/30°/40°/35 45°
LED color	2200K~6500K
Power	1*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	09
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Recessed Underwater Light



TBD4118R



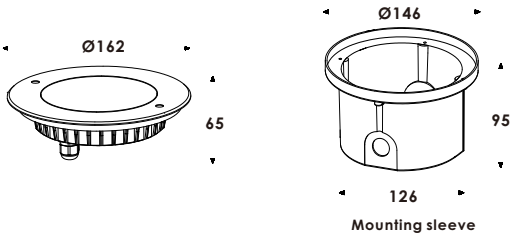
TBD4118R

Product specifications	
Item No.	TBD4118R
LED source	OSRAM
Beam angle	10°/25°/40°/60°/90°/35 45°
LED color	2700K~6500K
Power	3*2W/1*6W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃
IK rate	09
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Recessed Underwater Light



TBD4162R



TBD4162R

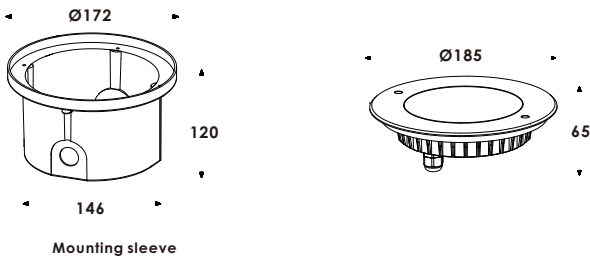


Product specifications			
Item No.	TBD4162R1A3Y06		TBD162R1A3Y09
LED source	OSRAM		OSRAM
Beam angle	10°/20°/30°/40°/35 45°		20°/30°/40°/60°
LED color	2200K~6500K/RGB 3IN1/RGBW		2200~6500K
Power	6*2W		9*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Recessed Underwater Light



TBD4185R



TBD4186R

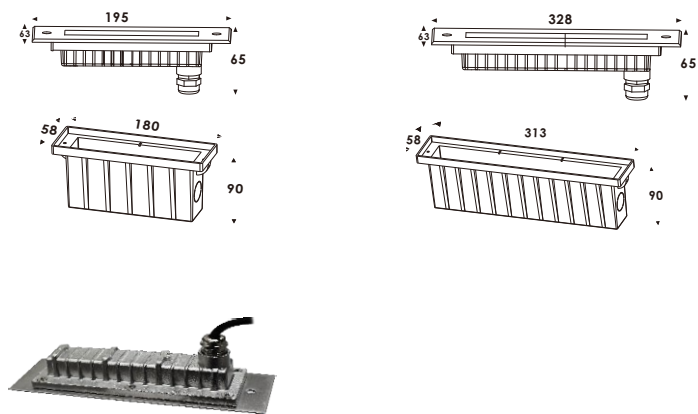
Product specifications			
Item No.	TBD4186R	TBD1063L4-0.328M	
LED source	OSRAM	OSRAM	
Beam angle	10°/25°/40°/60°/90°/35 45°	25°/40°/60°	
LED color	2700K~6500K	RGB 3IN1/RGBW(3000K/4000K/6000K)	
Power	12*2W	12*3W	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm²	H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Recessed Underwater Light



TBD4063L2-0.195M

TBD4063L2-0.328M



Product specifications			
Item No.	TBD4063L2-0.195M		TBD4063L2-0.328M
LED source	OSRAM		OSRAM
Beam angle	10°/20°/30°/40°/35 45°		10°/20°/30°/40°/60°/35 45°
LED color	2200K~6500K/RGB 3IN1/RGBW		2200K~6500K/RGB 3IN1/RGBW
Power	3*2W		6*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=1m		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Fountain Light

Outstanding Waterproof Performance LED Underwater lights

Product Introduction

- 1. Concise and splendid design bring elegant and delicate appearance.
- 2. Highly clear and strengthen 8mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature and excellent impact resistance and rub resistance.
- 3. 316#titanium coated stainless steel cover & 316L#sandblasted passivating SS housing guarantees outstanding corrosion resistance and stability in high acid or high alkaline environments like seaside.
- 4. CREE LED as light source to achieve high lumen output, great photochromic consistency and CRI>80 Ra (>90 Ra is available) .
- 5. Top brand electrical components like driving module to guarantee the luminous stability and low breakdown probability.
- 6. Supporting DMX512, 1-10V, DALI, TRIAC or PWM dimming system, bring smooth and soft dimming effect.
- 7. Full-time IP68 underwater working, remarkable waterproof performance and lower than 1‰ water leakage probability for long-term use.
- 8. Environmental friendly high strength ABS embedded parts.

LED High Power Fountain Light

IP68 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX 512 RGB RGBW



TBD4180R-09



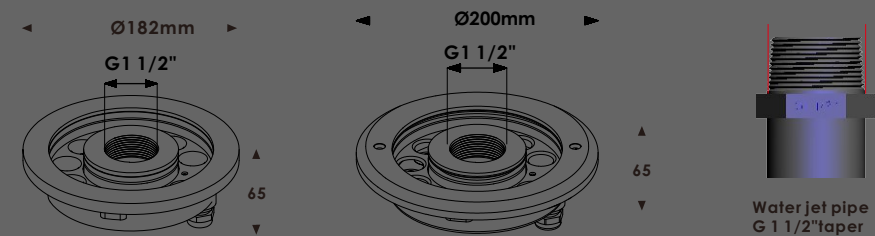
TBD4200R-09



TBD4180R-12



TBD4200R-12



WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD4180R-09/JY4200R-09		TBD4180R-12/TBD 4200R-12	
LED source	OSRAM/CREE	OSRAM	OSRAM/CREE	OSRAM
Beam angle	10°/15°/24°/36°/60°/90°	24°/36°/60°	10°/15°/25°/36°/60°/90°	25°/36°/60°
LED color	2200K~6500K	RGB 3IN1/RGBW	2200~6500K	RGB 3IN1/RGBW
Power	9*2W	9*3W	12*2W	12*3W
Input voltage	Single color:DC12V/DC24V H07RN-F-2*1.0mm²		RGB:DC12V/DC24V H05RN-F-4*0.75mm²	RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

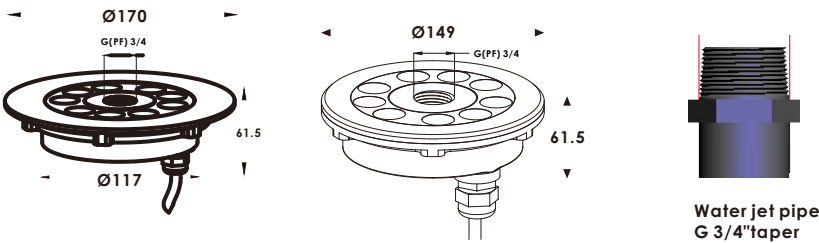


LED High Power Fountain Light



TBD4170R2

TBD4149R2



TBD4170R2

TBD4149R2

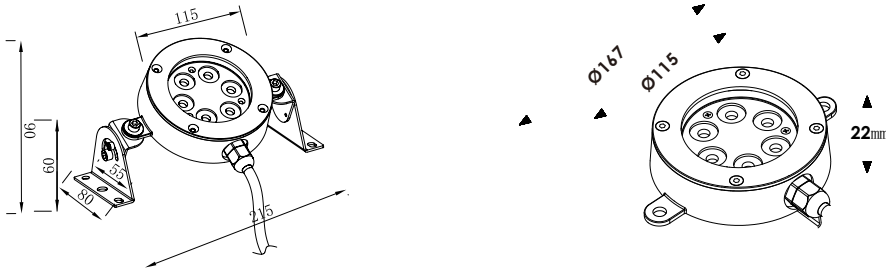


Product specifications			
Item No.	TBD4170R2/TBD4149R2		
LED source	OSRAM	OSRAM	
Beam angle	10°/20°/30°/40°/60°/90°/100°	30°/40°/60°	
LED color	2200K~6500K	RGB 3IN1/RGBW(3000K/4000K/6000K)	
Power	9*2W	9*3W	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm²	RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Hight Power Fountain Light



TBD4115R



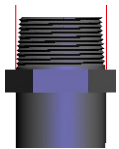
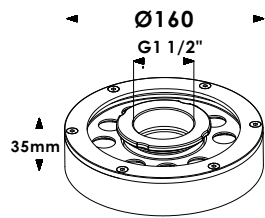
TBD4115R

Product specifications			
Item No.	TBD4115R		
LED source	OSRAM	OSRAM	
Beam angle	10°/25°/40°/60°/90°/100°	25°/40°/60°	
LED color	2200K~6500K	RGB 3IN1/RGBW(3000K/4000K/6000K)	
Power	6*2W	6*3W	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm²	RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED High Power Fountain Light



TBD4160RR2



Water jet pipe
G 3/4\"/>

Product specifications			
Item No.	TBD4170R2/TBD4149R2		
LED source	OSRAM	OSRAM	
Beam angle	10°/20°/30°/40°/60°/90°/100°		30°/40°/60°
LED color	2200K~6500K		RGB 3IN1/RGBW(3000K/4000K/6000K)
Power	9*2W	9*3W	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm²	RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=1m		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		



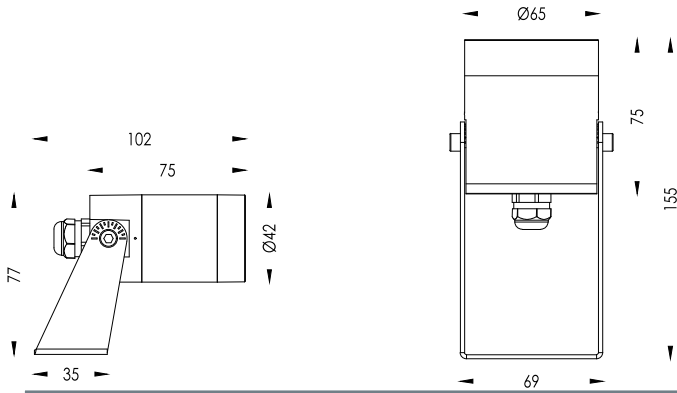
UT42
LED Underwater Spot Light

IP68 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX512 RGB RGBW



TBD5042R

TBD5065R



WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD 4135R /TBD4150R			
LED source	CREE/OSRAM	CREE COB	OSRAM	OSRAM
Beam angle	5°/10°/15°/25°/40°/60°	16°/25°/36°/57°	13°/25°40°/60°	13°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	1*3W	1*3W	1*3W	1*4W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Product specifications				
Item No.	TBD 5065R			
LED source	CREE/OSRAM	CREE COB	OSRAM	OSRAM
Beam angle	5°/10°/15°/25°/40°/60°	11°/16°/25°/36°/57°	13°/25°40°/60°	13°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	3*2W	1*6W	3*3W	3*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			



UT95
LED Underwater Spot Light

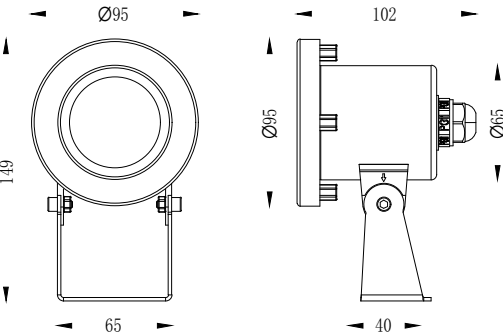
IP68 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX 512 RGB RGBW



TBD5095R



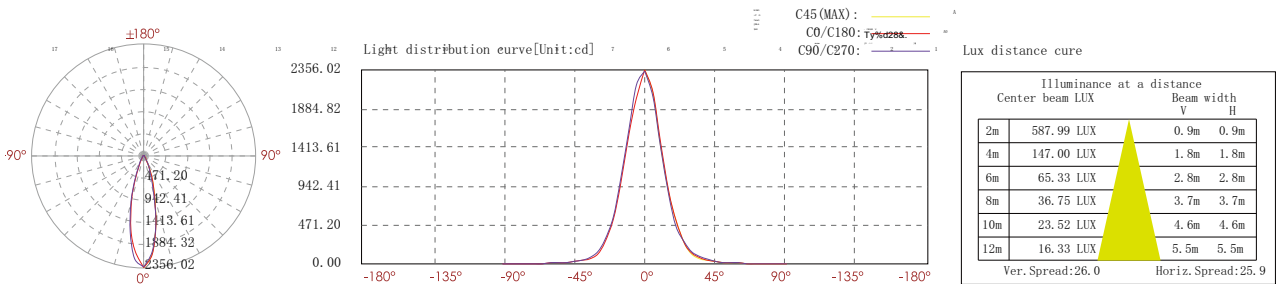
Overheat Sensor
Inside



WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD5095R			
LED source	CREE/OSRAM	CREE COB	OSRAM	OSRAM
Beam angle	5°/10°/15°/25°/36°/60°	15°/25°/36°	10°/25°40°/60°	10°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	3*2W	1*6W	3*3W	3*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve



UT125
LED Underwater Spot Light

IP68

RoHS

CE

1-10V

Triac

PWM

DALI

DMX512

RGB

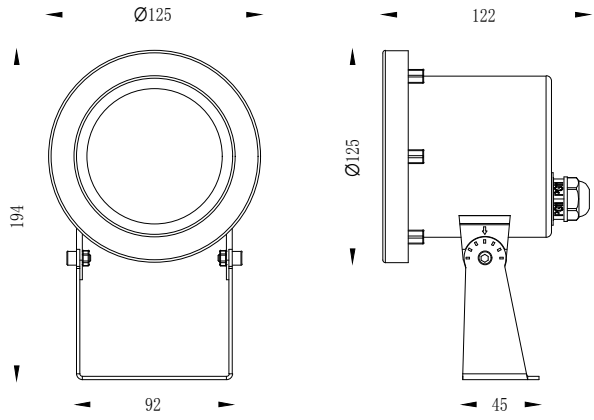
RGBW



TBD5125R



Overheat Sensor
Inside

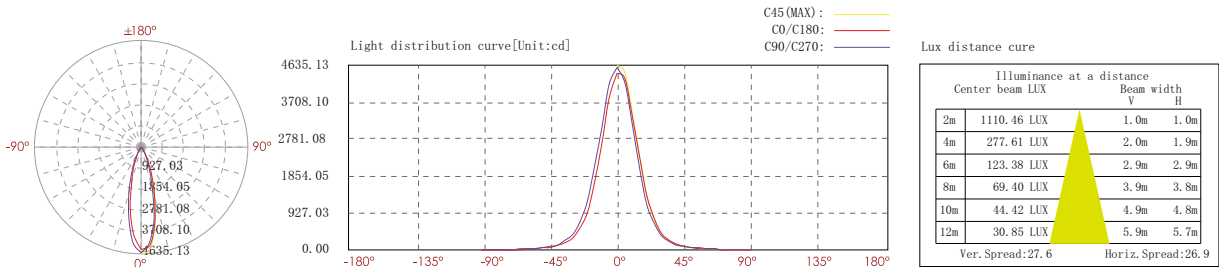


WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications

Item No.	TBD5125R			
LED source	CREE/OSRAM	CREE COB	OSRAM	OSRAM
Beam angle	5°/10°/15°/25°/36°/60°	15°/25°/36°	10°/25°40°/60°	10°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	6*3W	1*15W	6*3W	6*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V H05RN-F-4*0.75mm²	H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

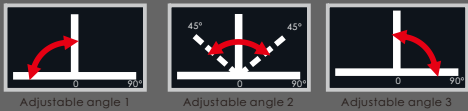


UT150
LED Underwater Spot Light

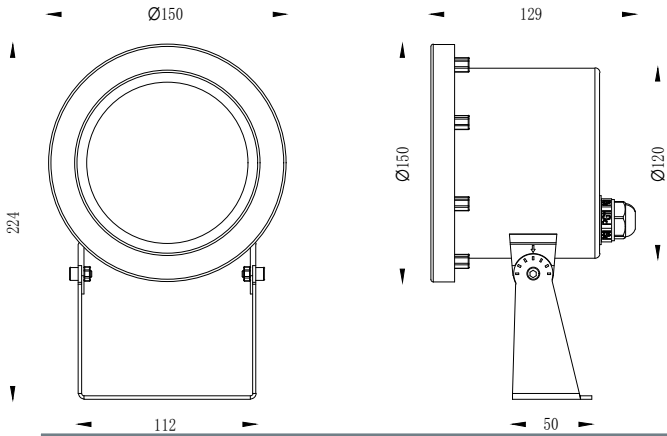
IP68 RoHS COMPLIANT CE 1-10V Triac PWM DALI DMX 512 RGB RGBW



TBD5150R



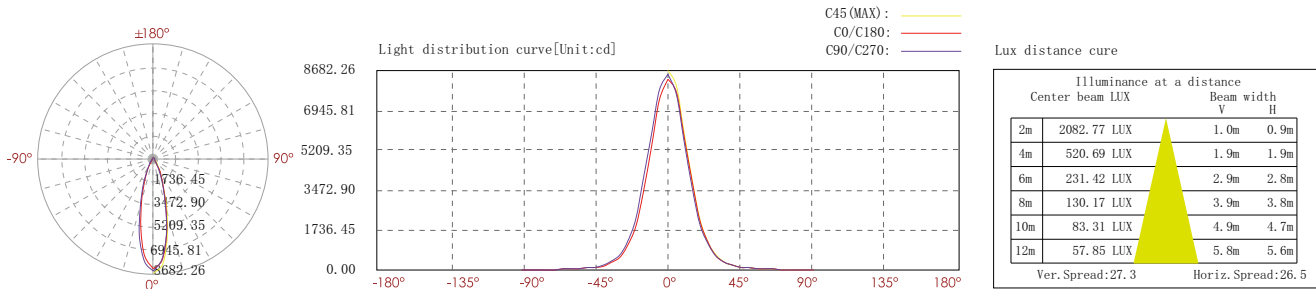
Overheat Sensor
Inside



WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications				
Item No.	TBD5150R			
LED source	CREE/OSRAM	CREE COB	OSRAM	OSRAM
Beam angle	5°/10°/15°/25°/36°/60°	15°/25°/36°	10°/25°40°/60°	10°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1	RGBW(3000K/4000K6000K)
Power	12*3W	1*20W	12*3W	12*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²		RGB:DC12V/DC24V H05RN-F-4*0.75mm²	H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

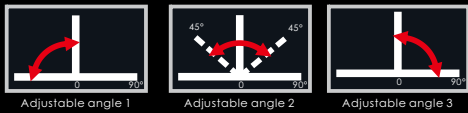


UT150
LED Underwater Spot Light

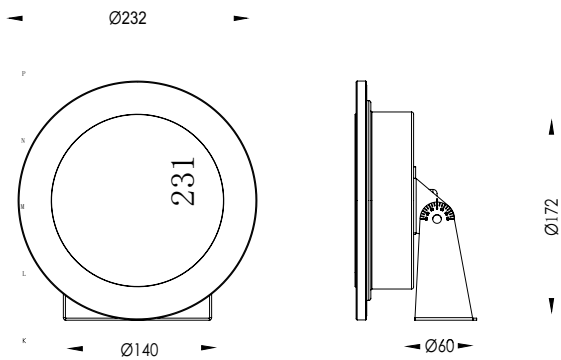
IP68 RoHS COMPLIANT 1-10V Triac PWM DALI DMX512 RGB RGBW



TBD5250R



Overheat Sensor
Inside



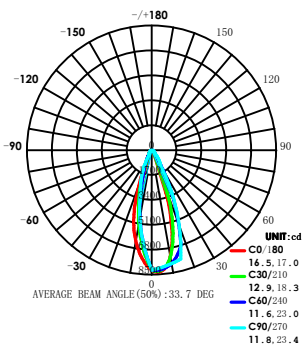
WARNING: Must be installed under the water to prevent the light from being burnt off because of over-heating.

Product specifications

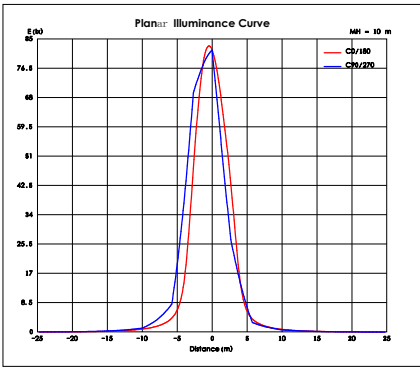
Item No.	TBD5250R			
LED source	CREE COB	OSRAM	OSRAM	OSRAM
Beam angle	25°/30°/40°	15°/30°/40°/60°/90°/35 45°	25°/40°60°	15°/25°/40°/60°
LED color	2700K~6500K	2700~10000K	RGB 3IN1/RGBW	2700-10000K
Power	1*46W	18*2W	18*3W	36*1.5W
Input voltage	Single color:DC12V/DC24V H07RN-F-2*1.0mm ²		RGB:DC12V/DC24V RGBW:DC12V/DC24V	H05RN-F-4*0.75mm ² H05RN-F-5*0.5mm ²
Operating temperature	-20℃~40℃			
IK rate	05			
Luminance(lm)	Warm white= lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

Light Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



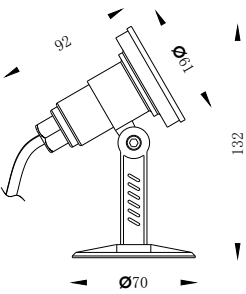
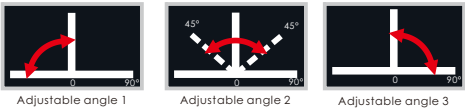
JY4250R2AB3Y



LED High Power Underwater Light



TBD5061R



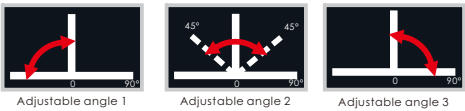
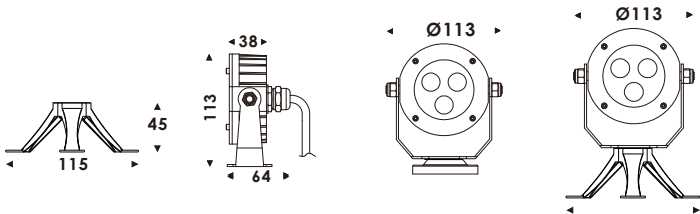
Product specifications		
Item No.	TBD5061R	
LED source	OSRAM	OSRAM
Beam angle	30°/40°/60°	30°/40°/60°
LED color	2200K~6500K	RGB 3IN1/RGBW(3000K/4000K/6000K)
Power	1*2W	1*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	



LED High Power Underwater Light



TBD5113R

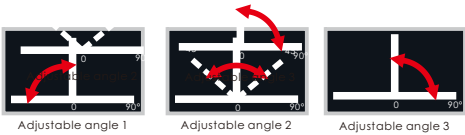
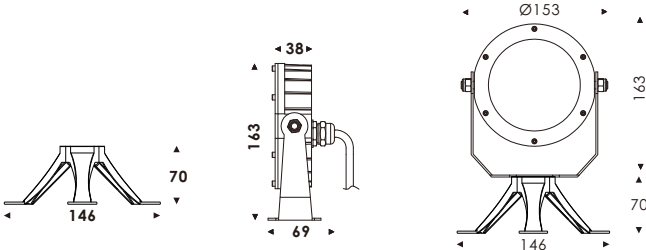


Product specifications			
Item No.	TBD5113R		
LED source	OSRAM	OSRAM	OSRAM
Beam angle	10°/25°/40°/60°/90°	20°/36°	25°/40°/60°
LED color	2200K~6500K	2700K-6500K	RGB 3IN1/RGBW(3000K/4000K/6000K)
Power	3*2W	1*6W	3*3W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²		
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Hight Power Underwater Light



TBD5153R

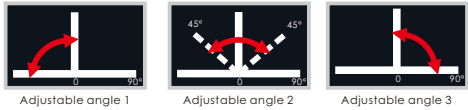
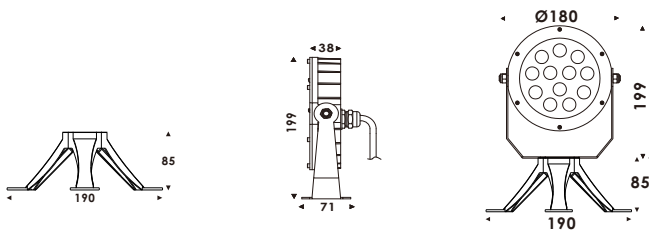


Product specifications		
Item No.	TBD5153R	
LED source	OSRAM	OSRAM
Beam angle	15°/30°/40°/60°	30°/40°/60°
LED color	2200K~6500K/RGB 3IN1/RGBW	2700K-6500K
Power	6*2W	9*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²	
Operating temperature	-20℃~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

LED High Power Underwater Light



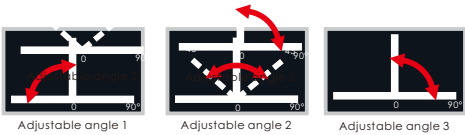
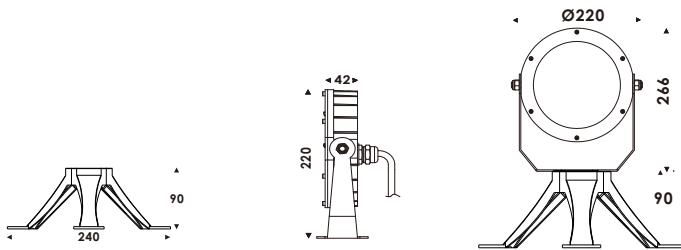
TBD5180R



Product specifications

Item No.	TBD180R		
LED source	OSRAM		
Beam angle	10°/25°/40°/60°/90°	25°/40°/60°	
LED color	2200K~6500K	RGB 3IN1/RGBW(3000K/4000K/6000K)	
Power	12*2W	12*3W	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm²	H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	09		
Luminance(lm)	Warm white=-lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

LED Hight Power Underwater Light



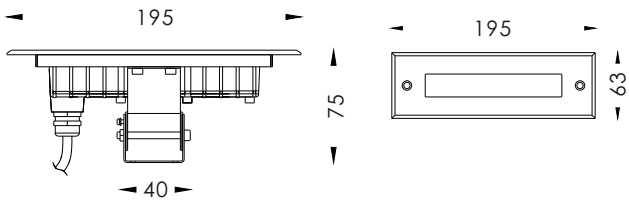
Product specifications

Item No.	TBD5153R	
LED source	OSRAM	OSRAM
Beam angle	15°/30°/40°/60°	30°/40°/60°
LED color	2200K~6500K/RGB 3IN1/RGBW	2700K-6500K
Power	24*2W	36*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm²
Operating temperature	-20℃~40℃	
IK rate	09	
Luminance(lm)	Warm white=-lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

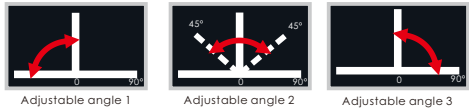
LED High Power Underwater Light



TBD5063L2-0.195M



TBD5063L2-0.195M

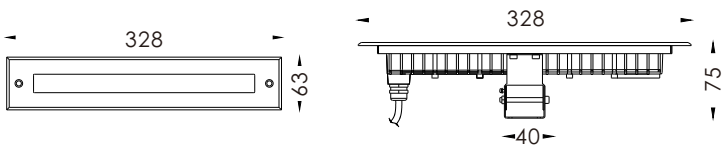


Product specifications				
Item No.	TBD5063L2-0.198M			
LED source	OSRAM			
Beam angle	25°/40°/60°			
LED color	2200K~6500K/RGB 3IN1/RGBW			
Power	3*2W			
Input voltage	Single color:DC12V/DC24V	H05RN-F-2*1.0mm²	RGB:DC12V/DC24V	H05RN-F-4*0.75mm²
			RGBW:DC12V/DC24V	H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃			
IK rate	09			
Luminance(lm)	Warm white=-lm			
Dimmable support	Triac/PWM/0-10V/DALI/DMX512			

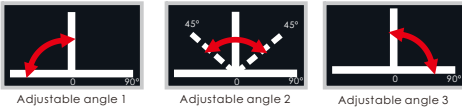
LED Hight Power Underwater Light



TBD5063L2-0.328M

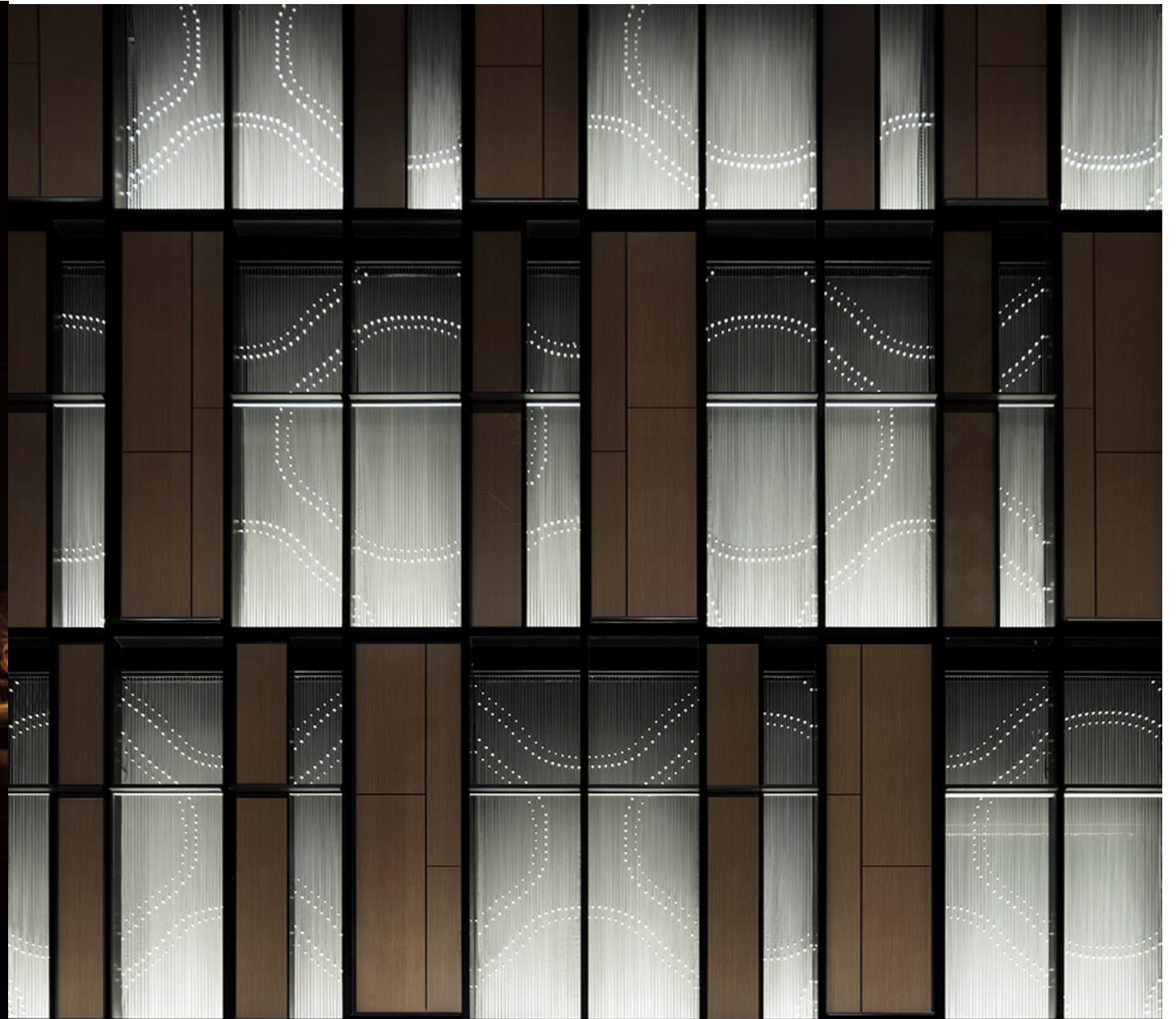


TBD5063L2-0.328M

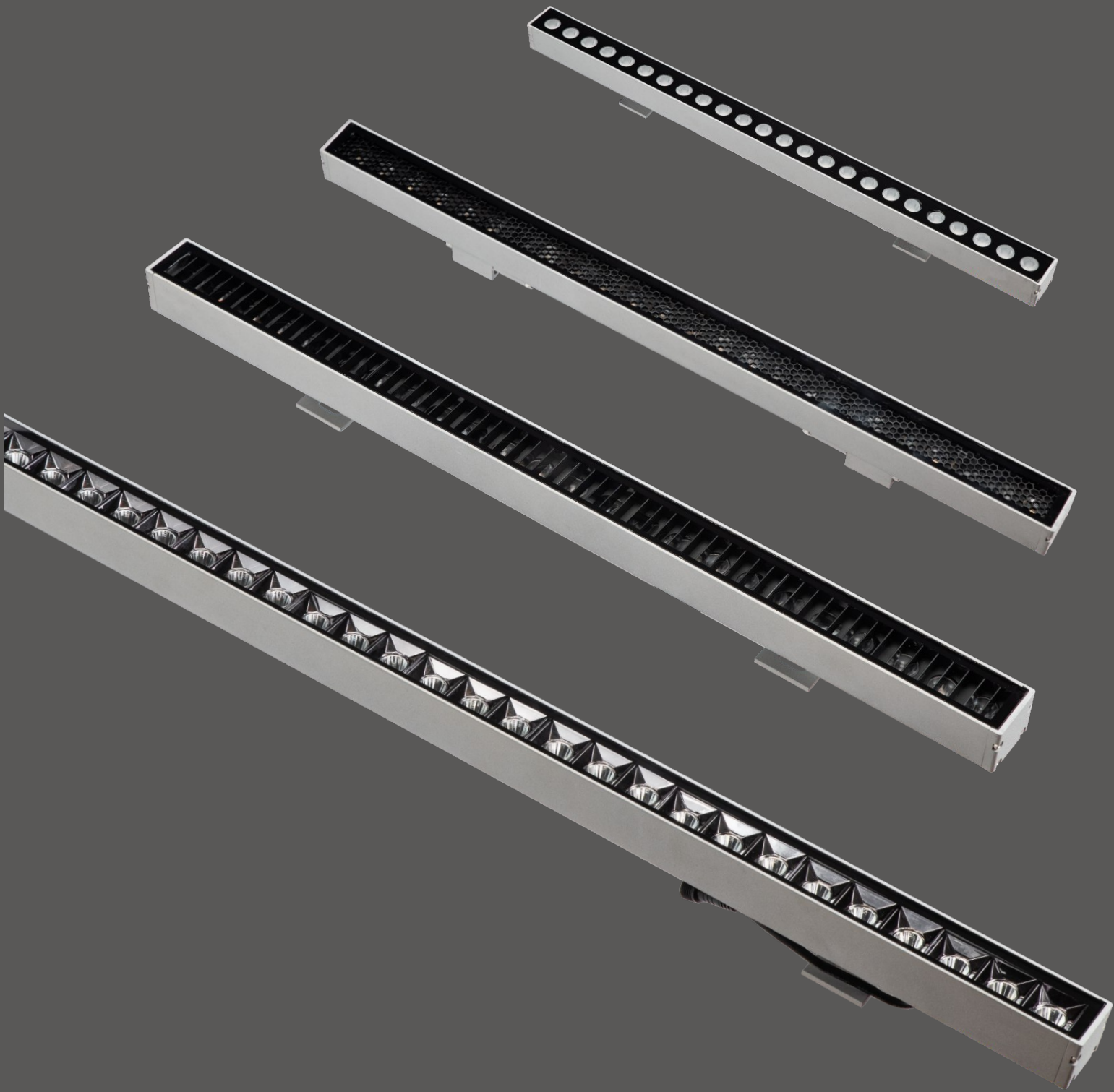


Product specifications	
Item No.	TBD5063L2-0.328M
LED source	OSRAM
Beam angle	25°/40°/60°
LED color	2200K~6500K
Power	6*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²
	RGB:DC12V/DC24V H05RN-F-4*0.75mm²
	RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃
IK rate	09
Luminance(lm)	Warm white=-lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512

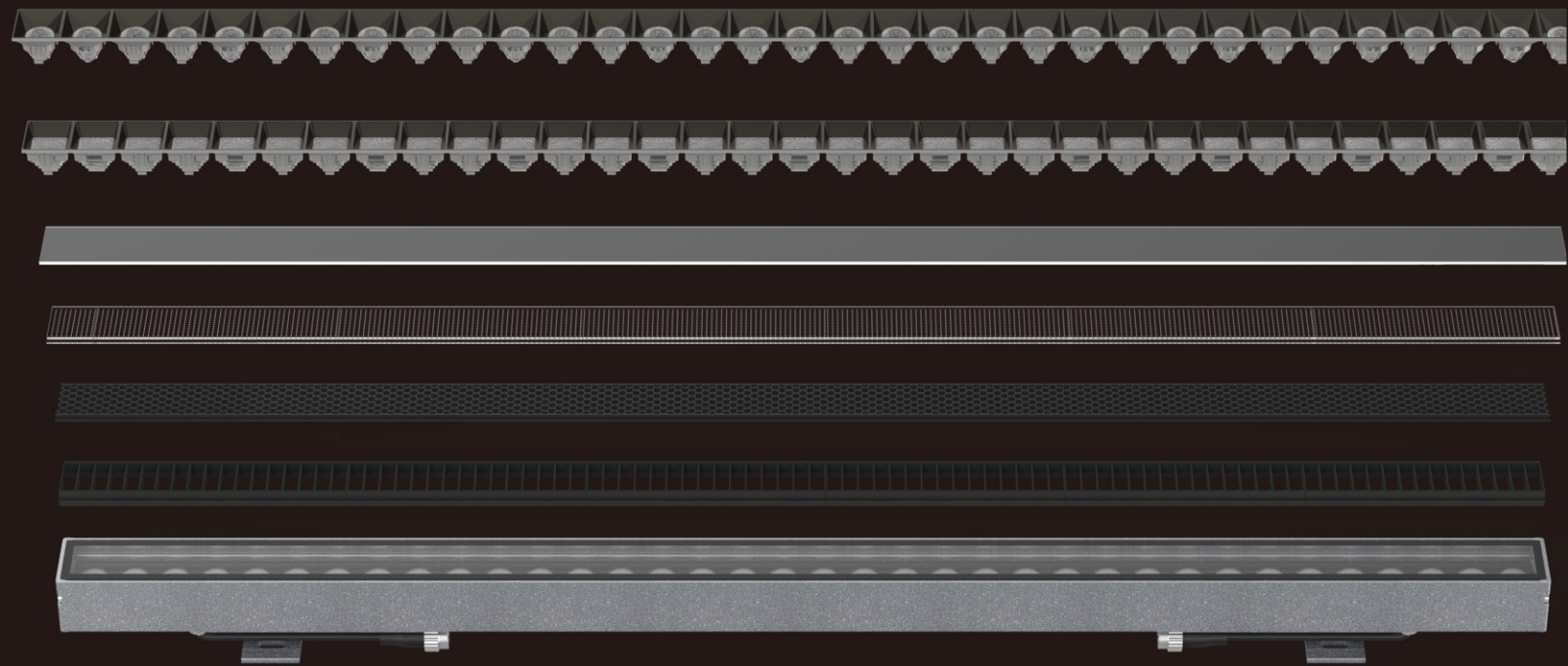
LED Wall Washer Light Series



LED Wall Washer Light



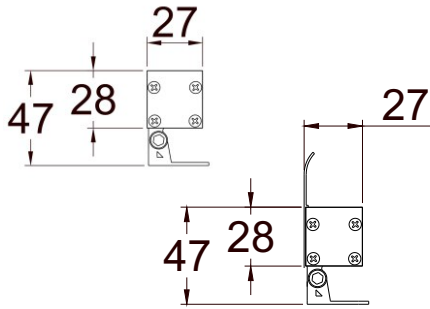
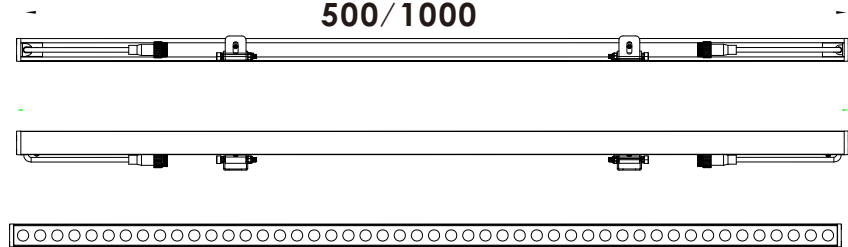
Optical Controlling Accessories



LED Wall Washer Light

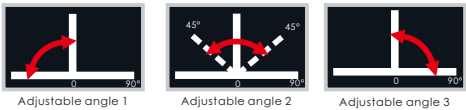


Dimensions



Product Introduction

- 1.Housing : 6063# aluminum T=20-25um, Adhesion of ISO class 1/ASTM class 4B high temperature painting
- 2.Driver: Constant current output,Constant current output
- 3.Glass: Step tempered glass

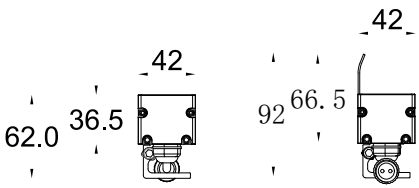
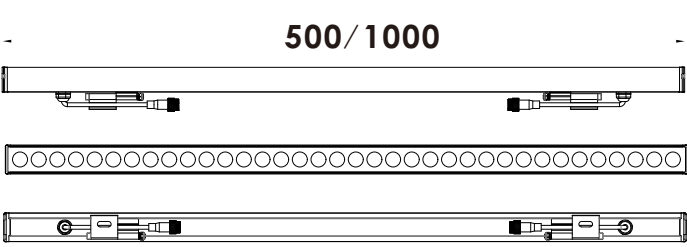


Product specifications			
Item No.	TBD6027L2Bα-A3-T-0.5M	Item No.	TBD6027L2Bα-A3-T-1M
LED source	CREE	LED source	CREE
Beam angle	15°/25°/60°/120°	Beam angle	15°/25°/60°/120°
LED color	2700K/3000K/4000K/5000K/6000K	LED color	2700K/3000K/4000K/5000K/6000K
Power	9W	Power	18W
Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²	Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20℃~40℃	Operating temperature	-20℃~40℃
IK rate	08	IK rate	08
Luminance(lm)	450lm	Luminance(lm)	1620lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Wall Washer Light

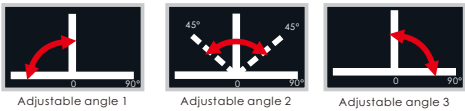


Dimensions



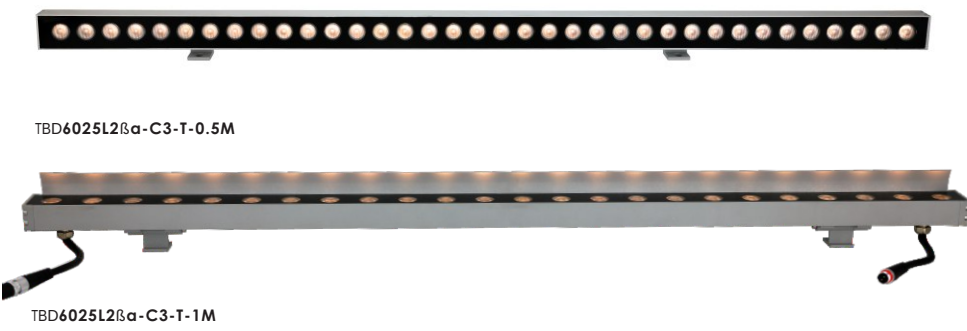
Product Introduction

- 1.Housing : 6063# aluminum T=20-25um, Adhesion of ISO class 1/ASTM class 4B high temperature painting
- 2.Driver: Constant current output,Constant current output
- 3.Glass: Step tempered glass

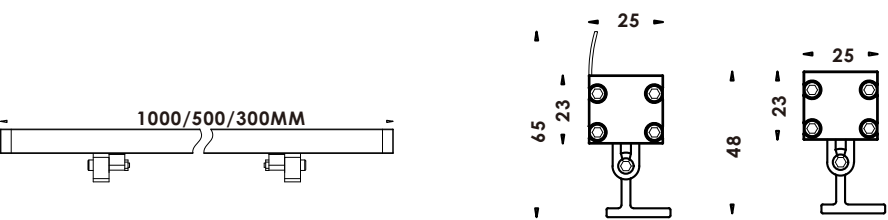


Product specifications			
Item No.	TBD6042L2Bα-A3-T-0.5M	Item No.	TBD6042L2Bα-A3-T-1M
LED source	CREE	LED source	CREE
Beam angle	10°/15°/30°/40°/60°/15°45°	Beam angle	10°/15°/30°/40°/60°15°45°
LED color	2700K/3000K/4000K/5000K/6000K	LED color	2700K/3000K/4000K/5000K/6000K
Power	12W	Power	48W
Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²	Input voltage	DC12V/DC24V H07RN-F-2*1.0mm²
Operating temperature	-20℃~40℃	Operating temperature	-20℃~40℃
IK rate	08	IK rate	08
Luminance(lm)	1056lm	Luminance(lm)	3168lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Wall Washer Light

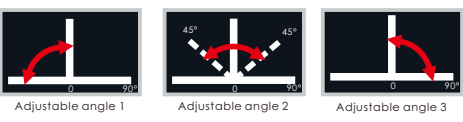


Dimensions



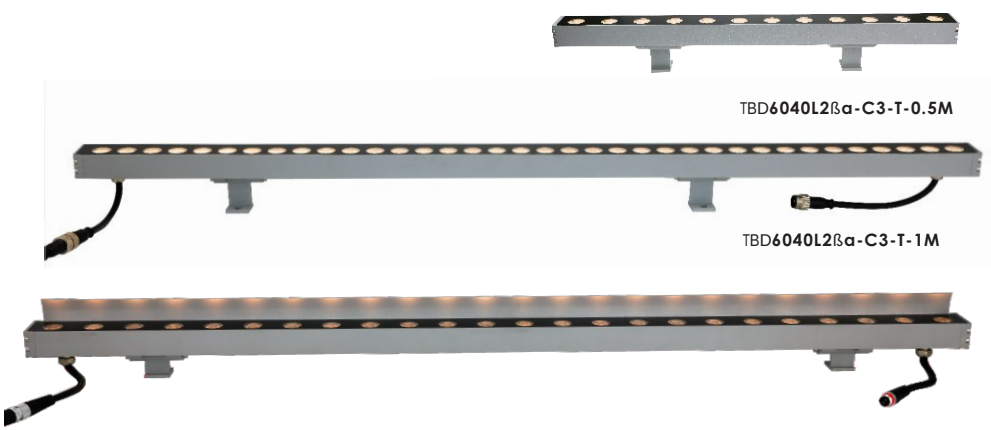
Product Introduction

- 1.Housing : 6063# aluminum T=20-25um, Adhesion of ISO class 1/ASTM class 4B high temperature painting
- 2.Driver: Constant current output,Constant current output
- 3.Glass: Step tempered glass

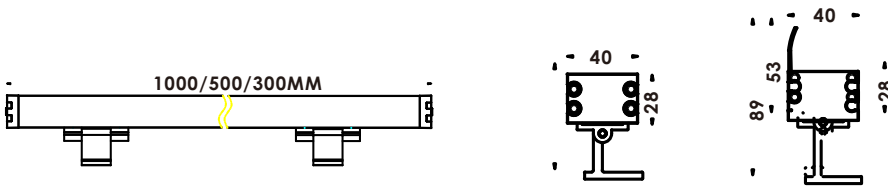


Product specifications			
Item No.	TBD6025L28a-A3-T-0.5M	Item No.	TBD6025L28a-A3-T-1M
LED source	OSRAM	LED source	OSRAM
Beam angle	15°/30°/15°45°	Beam angle	15°/30°/15°45°
LED color	2700K/3000K/4000K/5000K/6000K	LED color	2700K/3000K/4000K/5000K/6000K
Power	9W	Power	18W
Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²	Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20°C~40°C	Operating temperature	-20°C~40°C
IK rate	08	IK rate	08
Luminance(lm)	810lm	Luminance(lm)	1620lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Wall Washer Light



Dimensions



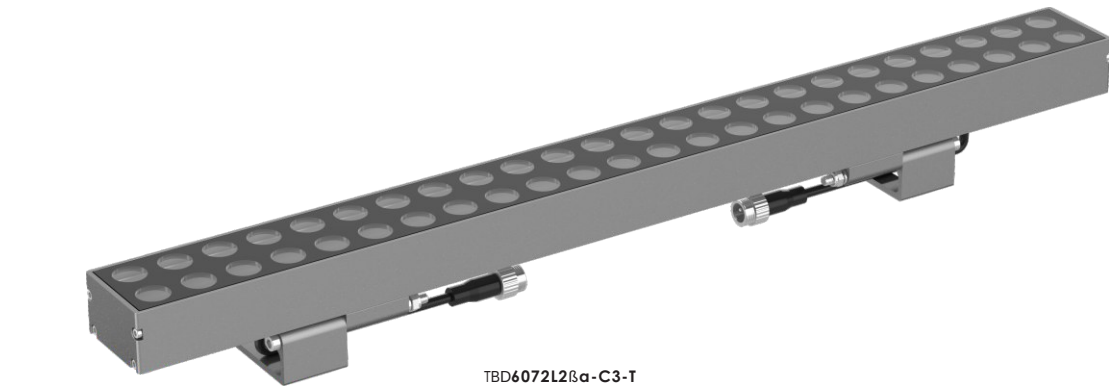
Product Introduction

- 1.Housing : 6063# aluminum T=20-25um, Adhesion of ISO class 1/ASTM class 4B high temperature painting
- 2.Driver: Constant current output,Constant current output
- 3.Glass: Step tempered glass

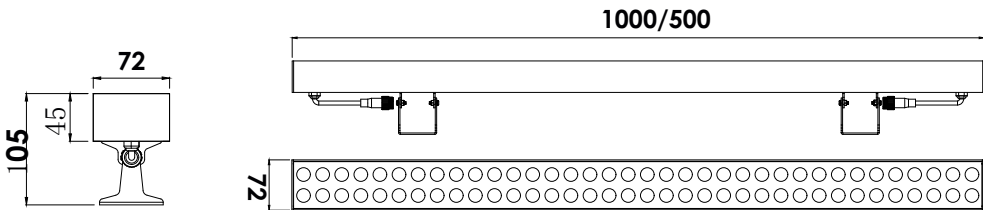


Product specifications			
Item No.	TBD6040L28a-A3-T-0.5M	Item No.	TBD6040L28a-A3-T-1M
LED source	OSRAM	LED source	OSRAM
Beam angle	15°/30°/45°/60°/20°30°/10°60°	Beam angle	15°/30°/45°/60°/20°30°/10°60°
LED color	2700K/3000K/4000K/5000K/6000K	LED color	2700K/3000K/4000K/5000K/6000K
Power	12W	Power	36W
Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²	Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²
Operating temperature	-20°C~40°C	Operating temperature	-20°C~40°C
IK rate	08	IK rate	08
Luminance(lm)	1056lm	Luminance(lm)	3100lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Wall Washer Light

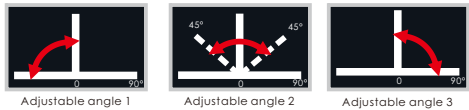


Dimensions



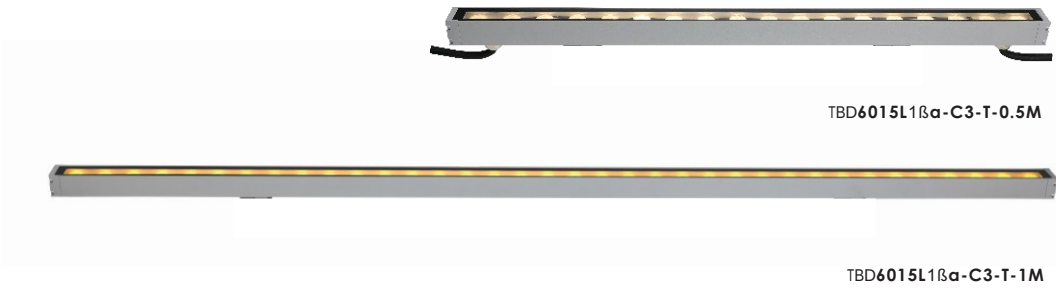
Product Introduction

- 1.Housing : 6063# aluminum T=20-25um, Adhesion of ISO class 1/ASTM class 4B high temperature painting
- 2.Driver: Constant current output,Constant current output
- 3.Glass: Step tempered glass

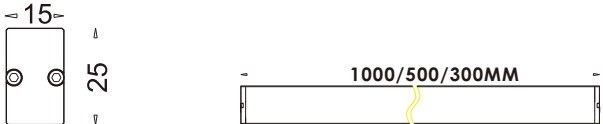


Product specifications			
Item No.	TBD6072L1&a-C3-T-0.5M	Item No.	TBD6072L1&a-C3-T-1M
LED source	CREE	LED source	CREE
Beam angle	60°/120°	Beam angle	60°/120°
LED color	2700K/3000K/4000K/5000K/6000K	LED color	2700K/3000K/4000K/5000K/6000K
Power	24*1.5W	Power	48*1.5W
Input voltage	DC12V/DC24V H07RN-F-2*1.0mm²	Input voltage	DC12V/DC24V H07RN-F-2*1.0mm²
Operating temperature	-20℃~40℃	Operating temperature	-20℃~40℃
IK rate	08	IK rate	08
Luminance(lm)	1m	Luminance(lm)	1m
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	Dimmable support	Triac/PWM/0-10V/DALI/DMX512

LED Wall Washer Light

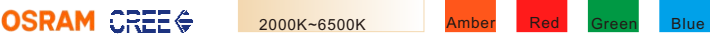


Dimensions



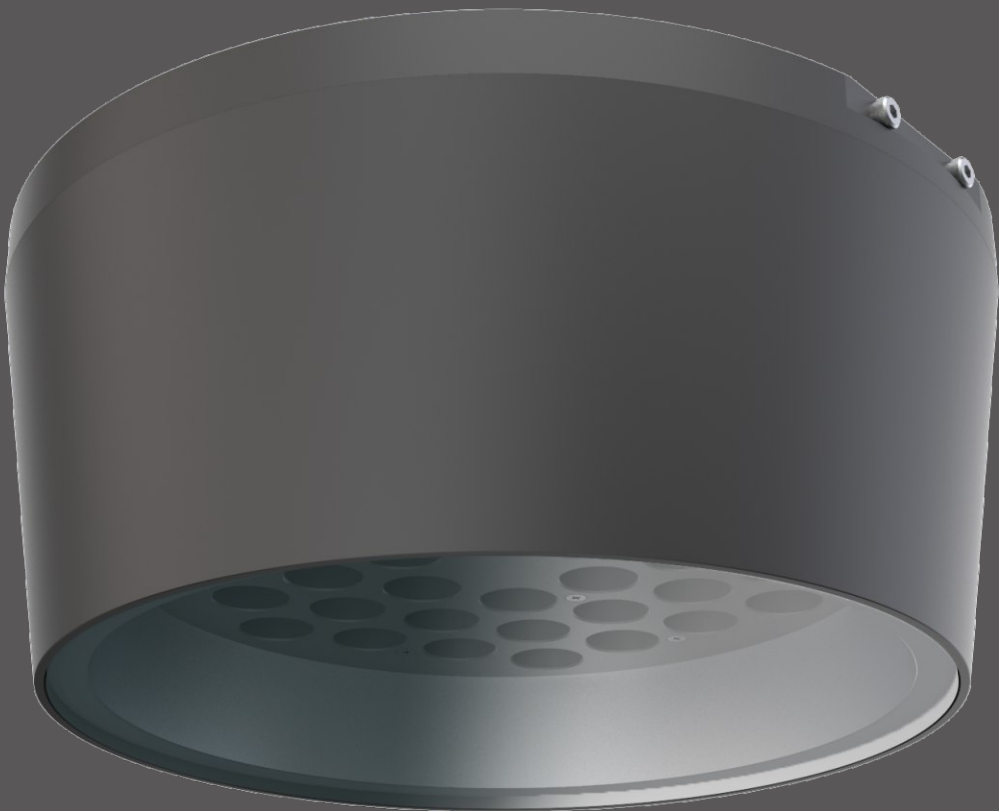
Product Introduction

- 1.Housing : 6063# aluminum T=20-25um, Adhesion of ISO class 1/ASTM class 4B high temperature painting
- 2.Driver: Constant current output,Constant current output
- 3.Glass: Step tempered glass



Product specifications			
Item No.	TBD6015L1&a-A3-T-0.5M	Item No.	TBD6015L1&a-A3-T-1M
LED source	OSRAM	LED source	OSRAM
Beam angle	60°/120°	Beam angle	60°/120°
LED color	2700K/3000K/4000K/5000K/6000K	LED color	2700K/3000K/4000K/5000K/6000K
Power	7W	Power	15W
Input voltage	DC12V/DC24V H05RN-F-2*1.0mm²	Input voltage	DC12V/DC24V H07RN-F-2*1.0mm²
Operating temperature	-20℃~40℃	Operating temperature	-20℃~40℃
IK rate	08	IK rate	08
Luminance(lm)	520lm	Luminance(lm)	1500lm
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	Dimmable support	Triac/PWM/0-10V/DALI/DMX512

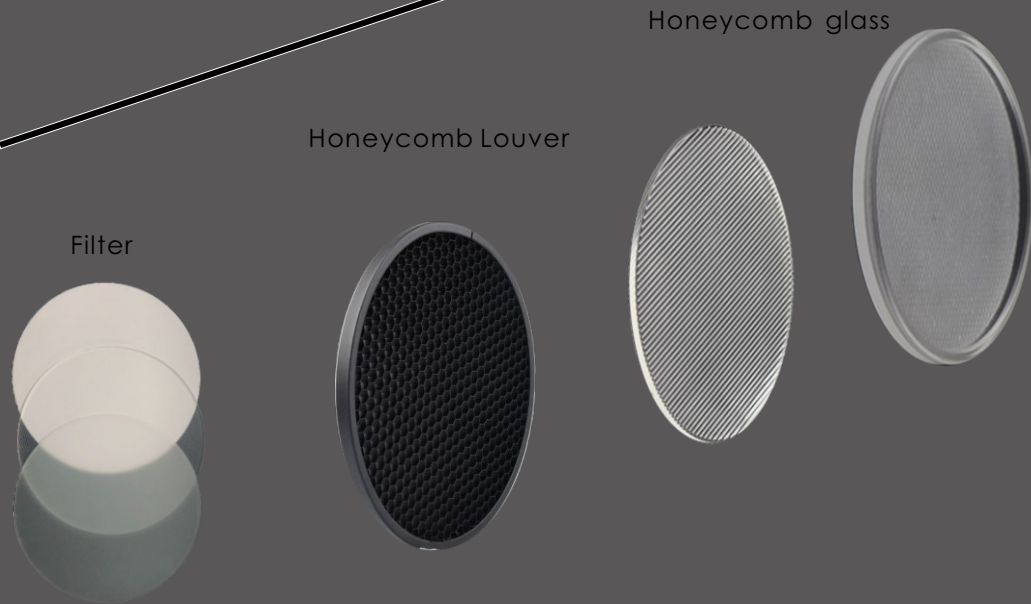
LED Outdoor Ceiling Lighting Series



control lighting accessories



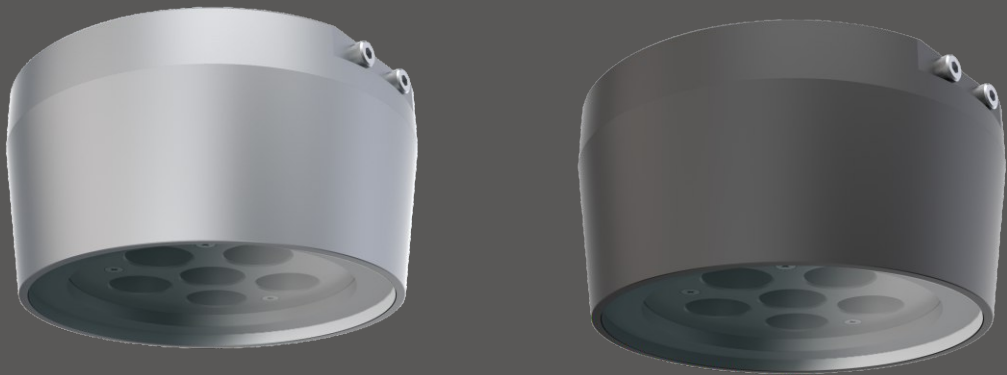
Optical Controlling Accessories



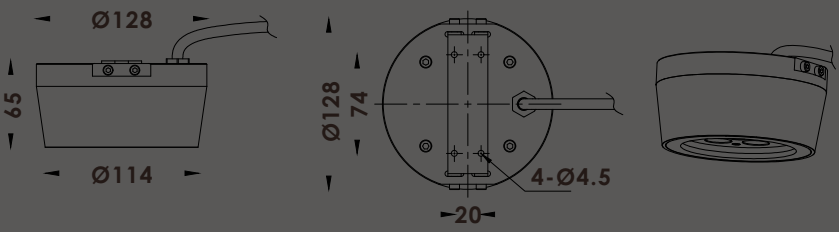
Product Introduction

1. Independent intellectual property design reveals senses of elegance, fashion, art, especially bring strong sense of industrial style. Integrated thermal design guarantees long working time.
2. Ultra clear and highly strengthen 4mm tempered glass cover, ensure high luminous efficacy (90-95%) , outstanding accuracy of color temperature, and excellent impact resistance and rub resistance.
3. Environmental friendly highly strengthen ADC 12# die-casting aluminum housing with Tiger powder coated spraying process, could reach over 1000 hours in salt spray test and ensure the usage in high humid, high acid, and high alkaline environments like seaside.
4. Apply international top brand CREE LED to achieve high lumen output, great photochromic consistency and CRI>80Ra (>90Ra is available)
5. Use international top brand component driving module to guarantee the luminous stability and low breakdown probability.
6. Support DMX512, 1-10V, DALI, TRIAC or PWM dimming control, which runs smoothly and softly.
7. Various accessories 304 stainless steel.

DC128 LED Ceiling Light



TBD7128R



Product specifications		
Item No.	TBD7128R	
LED source	CREE COB	OSRAM
Beam angle	20°/36°/60°	15°/25°/40°60°/90°
LED color	2700K~6500K	2700K-6500K/RGB 3IN1/RGBW
Power	1*12W	6*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm²	
Operating temperature	-20℃~40℃	
IK rate	05	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

Single color:AC220~240V

H05RN-F-3*0.75mm²

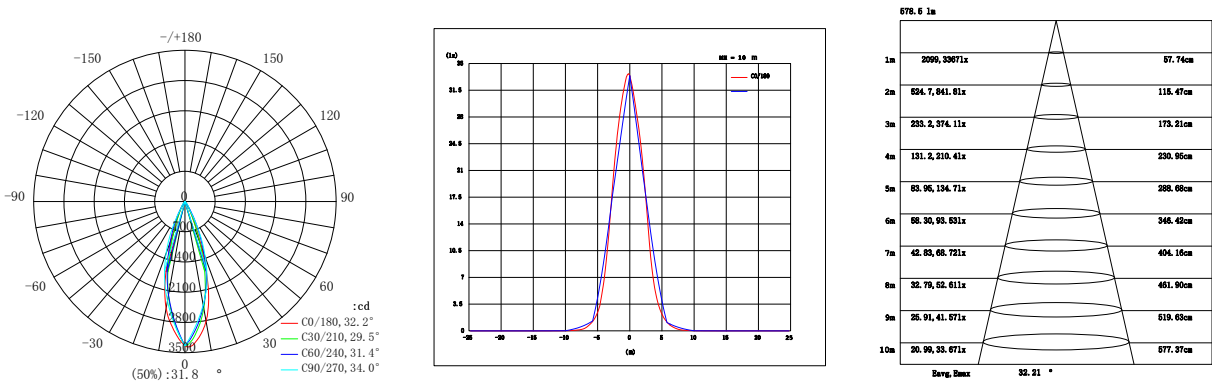
RGB:DC12V/DC24V

RGBW:DC12V/DC24V

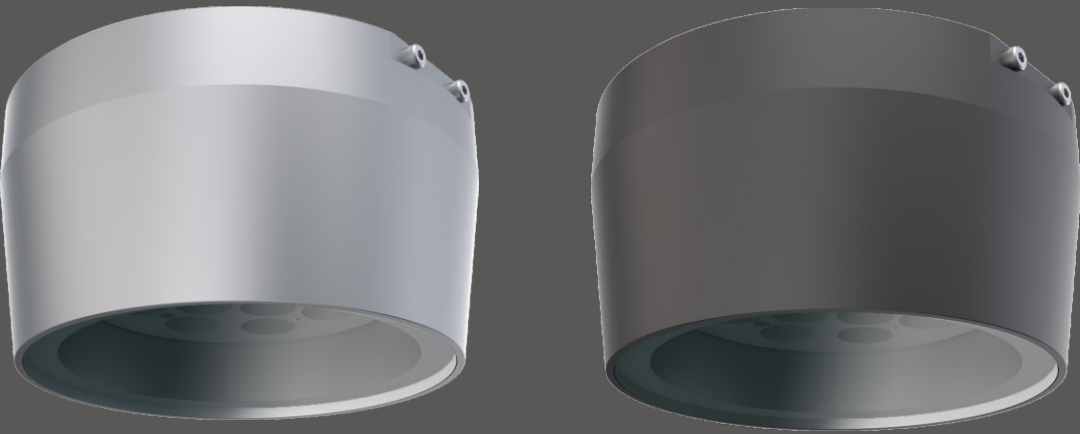
H05RN-F-4*0.75mm²

H05RN-F-5*0.5mm²

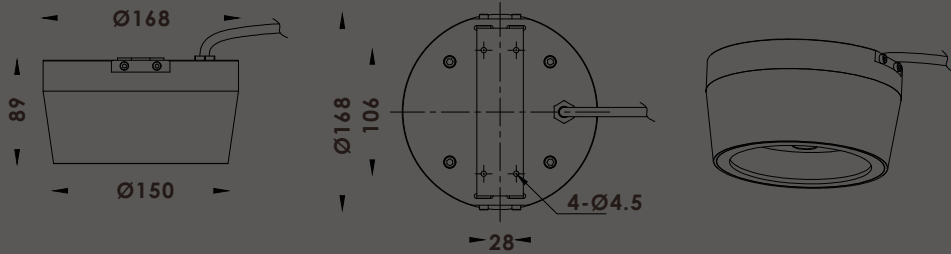
Light Distribution Curve



DC168
LED Ceiling Light

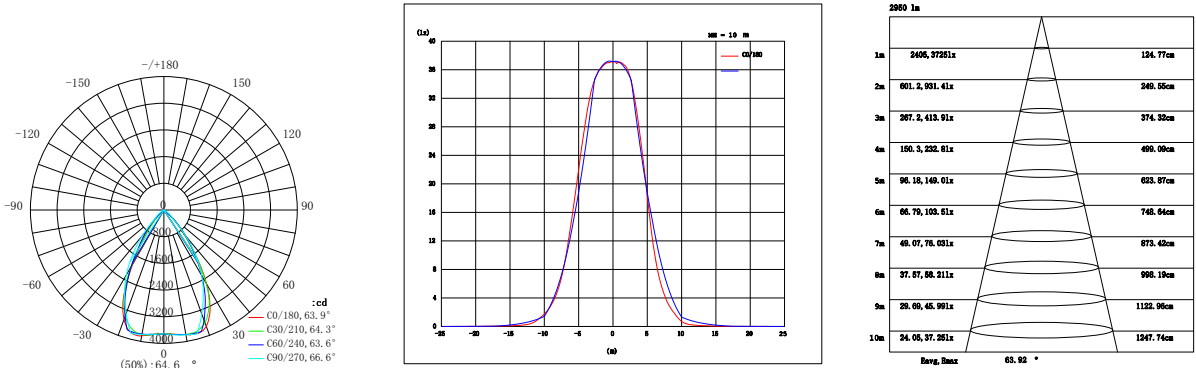


TBD7168R



Product specifications			
Item No.	TBD7168R		
LED source	CREE COB	OSRAM	
Beam angle	20°/36°/60°	15°/25°/40°60°/90°	
LED color	2700K~6500K	2700K-6500K/RGB 3IN1/RGBW	
Power	1*20W	12*2W	
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= 1m		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Light Distribution Curve



DC208
LED Ceiling Light

IP65

RoHS

CE

1-10V

Triac

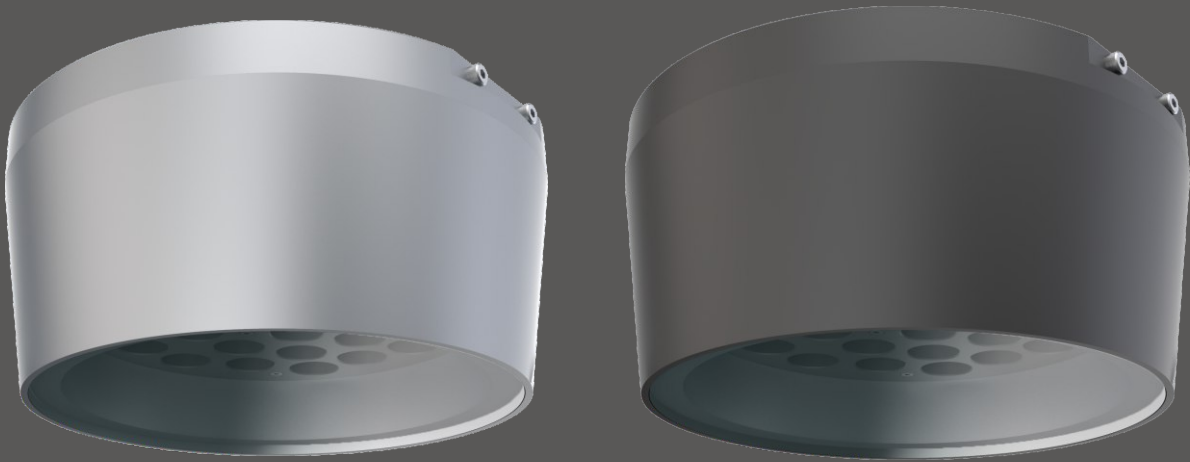
PWM

DALI

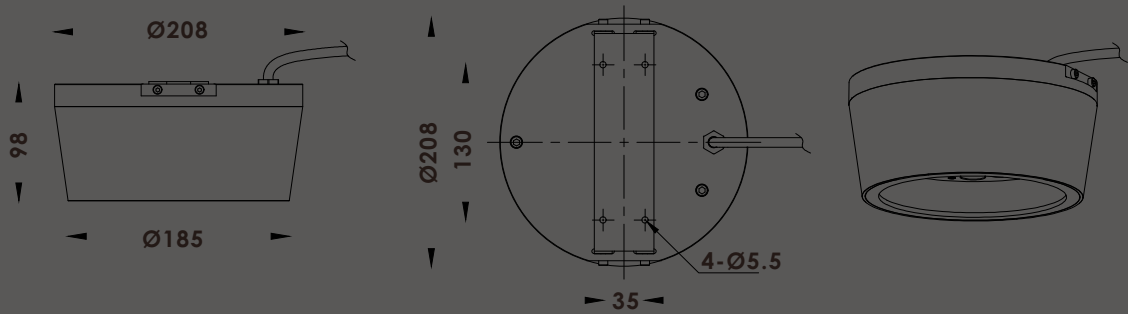
DMX512

RGB

RGBW

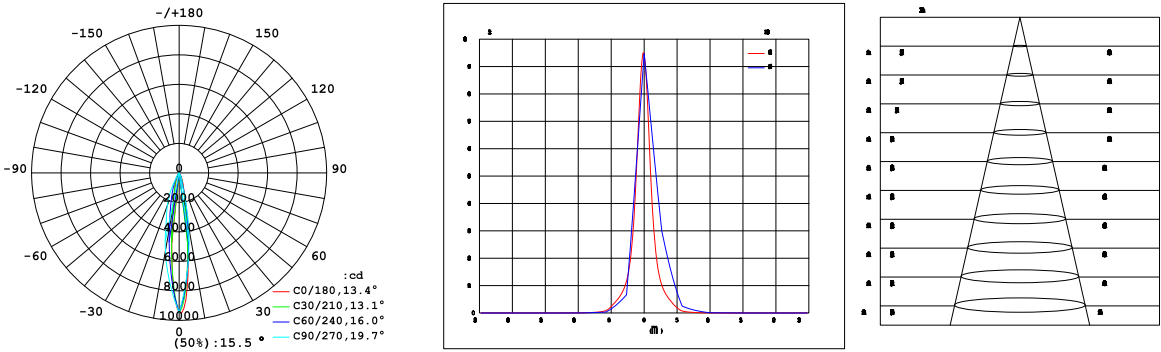


TBD7208R

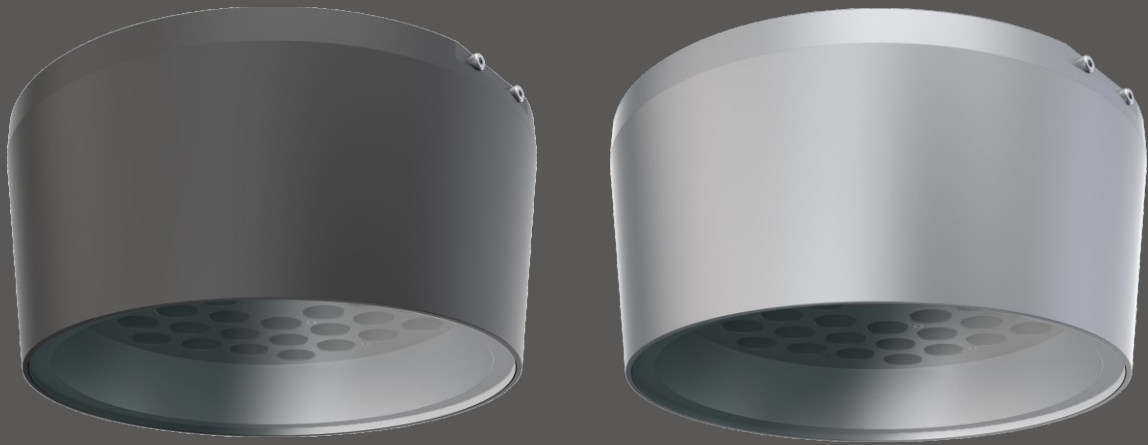


Product specifications		
Item No.	TBD7208R	
LED source	CREE COB	OSRAM
Beam angle	20°/36°/60°	15°/25°/40°60°/90°
LED color	2700K~6500K	2700K-6500K/RGB 3IN1/RGBW
Power	4*10W	24*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃	
IK rate	05	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

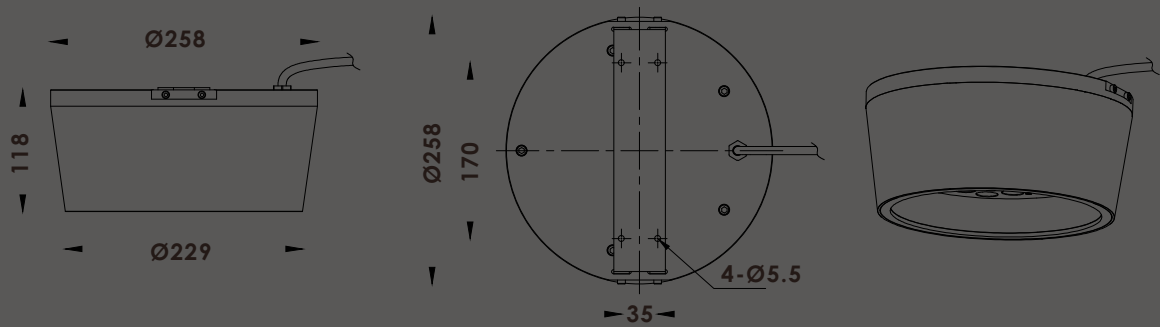
Light Distribution Curve



DC258
LED Ceiling Light

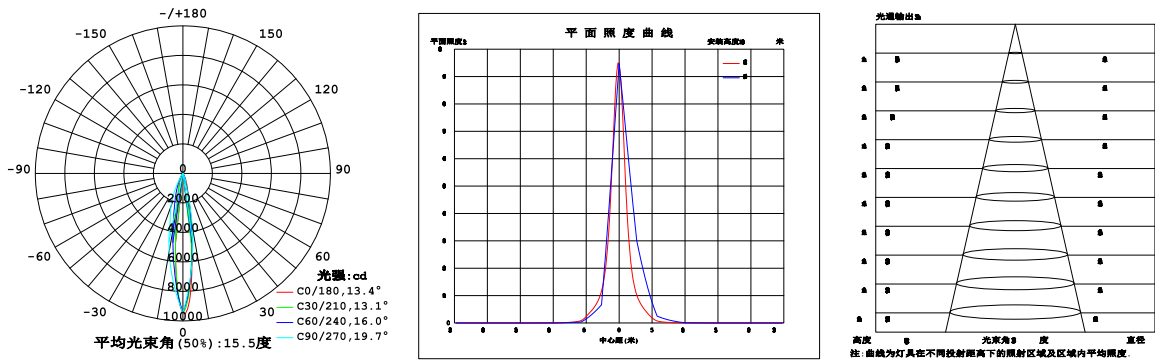


TBD7258R



Product specifications		
Item No.	TBD7258R	
LED source	CREE COB	OSRAM
Beam angle	20°/36°/60°	15°/25°/40°60°/90°
LED color	2700K~6500K	2700K-6500K/RGB 3IN1/RGBW
Power	4*1.5W	36*2W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃	
IK rate	05	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

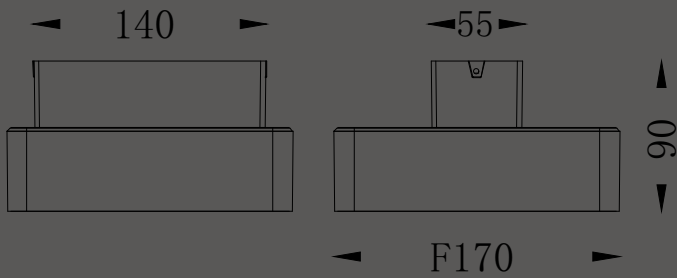
Light Distribution Curve



DC258
LED Ceiling Light

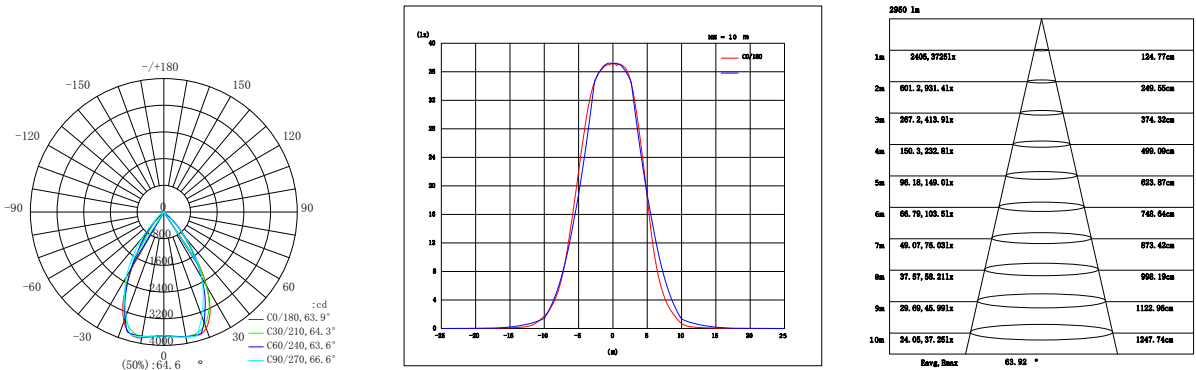


TBD7170S



Product specifications		
Item No.	TBD7258R	
LED source	CREE COB	OSRAM
Beam angle	20°/36°/60°	15°/25°/40°60°/90°
LED color	2700K~6500K	2700K-6500K/RGB 3IN1/RGBW
Power	2*10W	12*1.5W
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃	
IK rate	05	
Luminance(lm)	Warm white= lm	
Dimmable support	Triac/PWM/0-10V/DALI/DMX512	

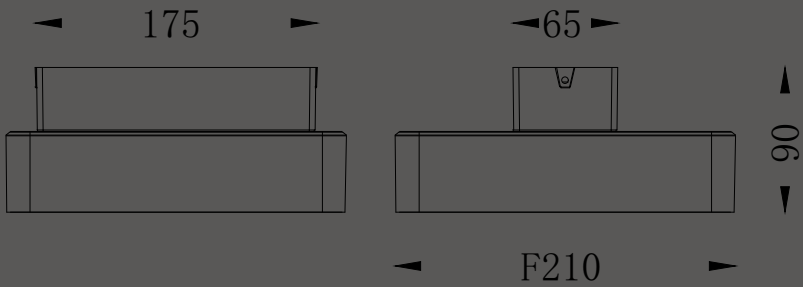
Light Distribution Curve



DC258
LED Ceiling Light

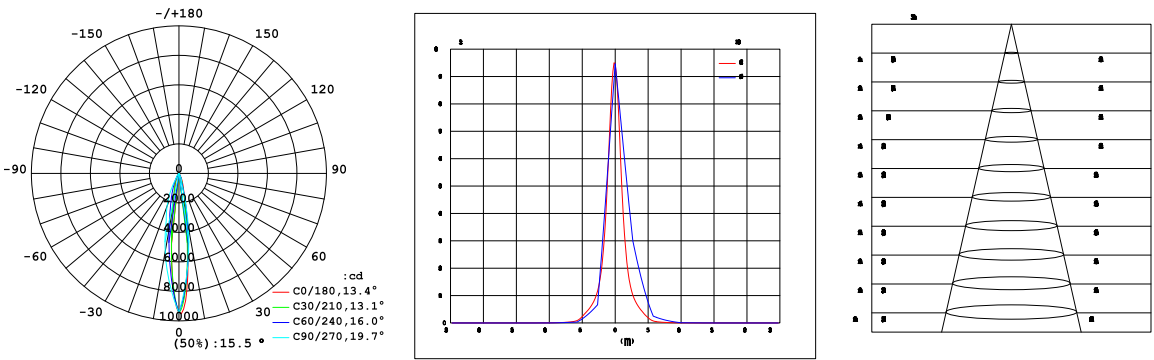


TBD7170S



Product specifications			
Item No.	TBD7258R		
LED source	CREE COB	OSRAM	
Beam angle	20°/36°/60°	15°/25°/40°60°/90°	
LED color	2700K~6500K		2700K-6500K/RGB 3IN1/RGBW
Power	4*10W		24*1.5W
Input voltage	Single color:DC12V/DC24V Single color:AC220~240V	H05RN-F-2*1.0mm² H05RN-F-3*0.75mm²	RGB:DC12V/DC24V RGBW:DC12V/DC24V H05RN-F-4*0.75mm² H05RN-F-5*0.5mm²
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

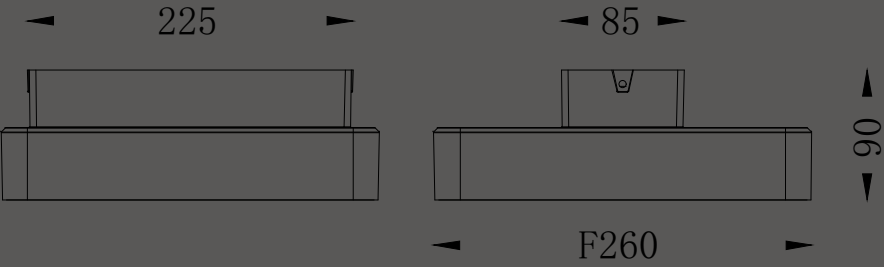
Light Distribution Curve



DC258
LED Ceiling Light



TBD7260S



Product specifications			
Item No.	TBD7258R		
LED source	CREE COB	OSRAM	
Beam angle	20°/36°/60°	15°/25°/40°60°/90°	
LED color	2700K~6500K	2700K-6500K/RGB 3IN1/RGBW	
Power	4*1.5W	36*1.5W	
Input voltage	Single color:DC12V/DC24V H05RN-F-2*1.0mm² Single color:AC220~240V H05RN-F-3*0.75mm²	RGB:DC12V/DC24V H05RN-F-4*0.75mm² RGBW:DC12V/DC24V H05RN-F-5*0.5mm²	
Operating temperature	-20℃~40℃		
IK rate	05		
Luminance(lm)	Warm white= lm		
Dimmable support	Triac/PWM/0-10V/DALI/DMX512		

Light Distribution Curve

