

惠州市康耐光电有限公司

Huizhou Comlite LED Ltd.

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专注户外景观照明

Specialized LED Outdoor Light

Comlite LED Limited

www.comlite-led.com

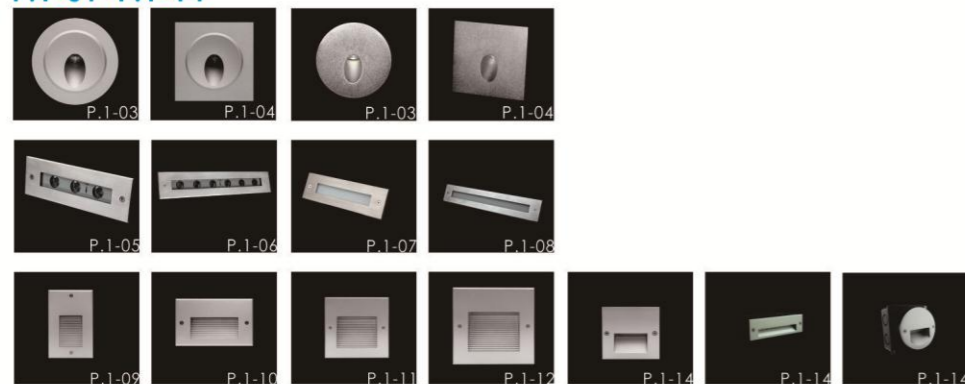
VER.2.0

介绍
Introduction

Factory & I

壁灯/墙角灯 IP65
Wall Light

P.1-01~P.1-14



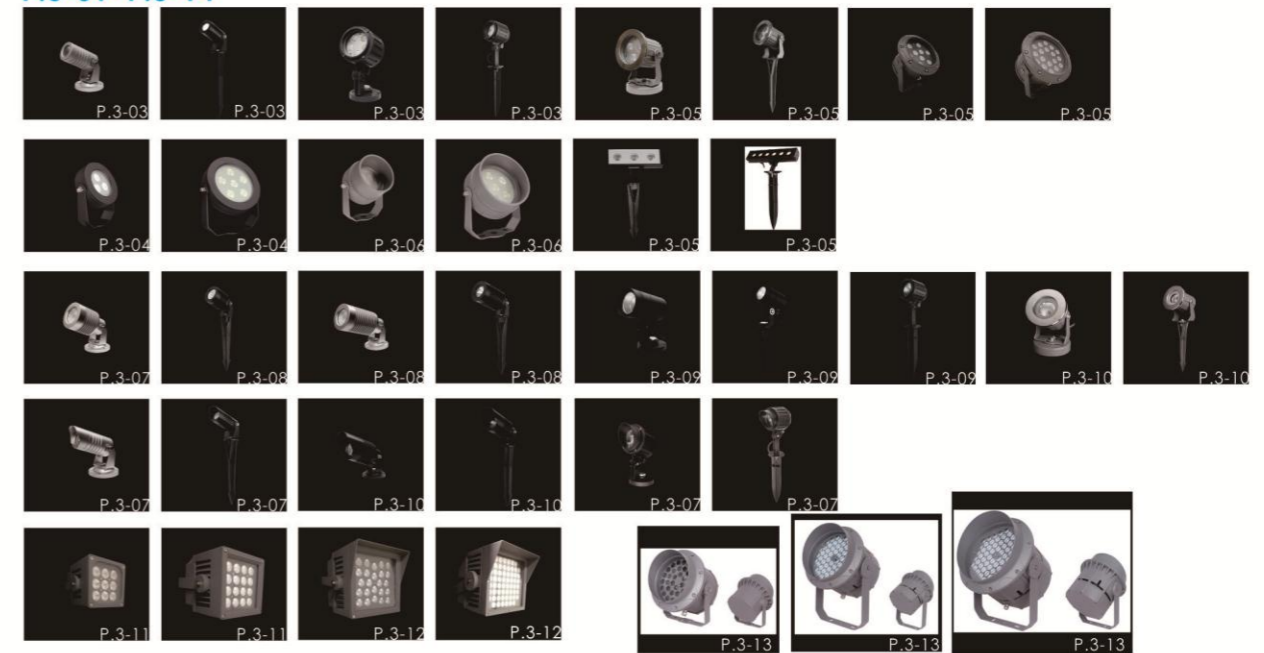
埋地灯 IP67
Recessed underground light

P.2-01~P.2-28



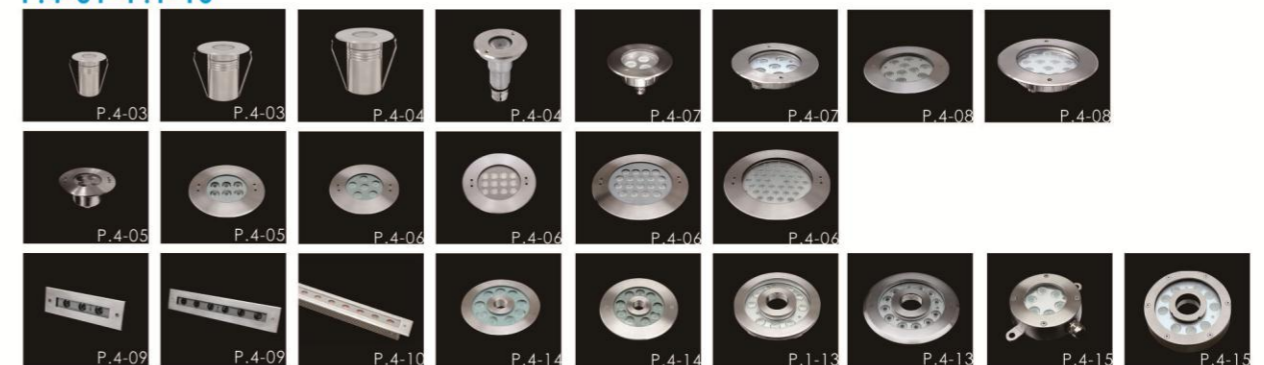
景观投光灯 IP65
Landscape spot light

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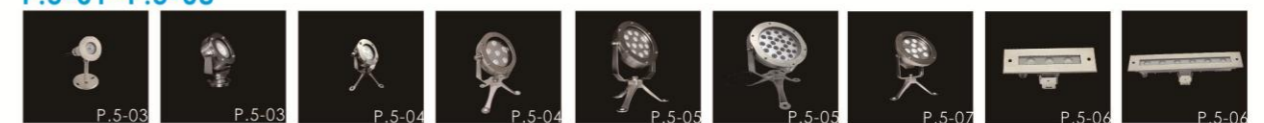
嵌入式水下灯 IP68
Recessed underwater light

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水下灯景观投光灯 IP68
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康耐光电有限公司位于惠州市陈江镇，专注于LED户外灯具产品集设计、研发、生产、销售为一体的生产型企业；自开建以来，公司秉承以质为本、以诚为根的经营宗旨；全系列产品已通过CE ROHS等认证；产品远销欧美、中东等多个国家；在国内外景观亮化工程广泛应用。

Comlite LED Ltd. local in Huizhou city,

is s company of R & D, manufacturing, marketing in outdoor lighting products.

All of our products are strict quality control from the ver beginning.

Tey get certificate of CE and ROHS. Being sold in more than 40 countries in Europe,

Aerica, Australia snd so on.

Specialized in outdoor lighting products such as LED STELL LIGHT, LED UNDERGROUND, LED SPOT GARDEN LIGHT, LED RECESSED UNDERWATER LIGHT, LED SPOT UNDERWATER LIGHT.

RoHS
COMPLIANT



IP65

OUTDOOR RATED

IP67

OUTDOOR RATED

IP68

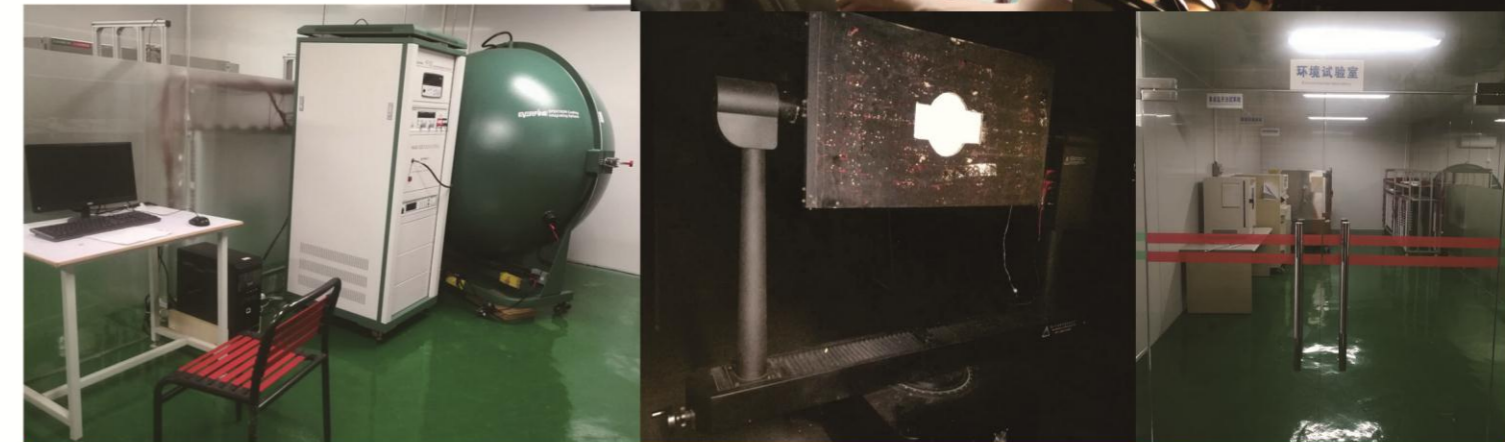
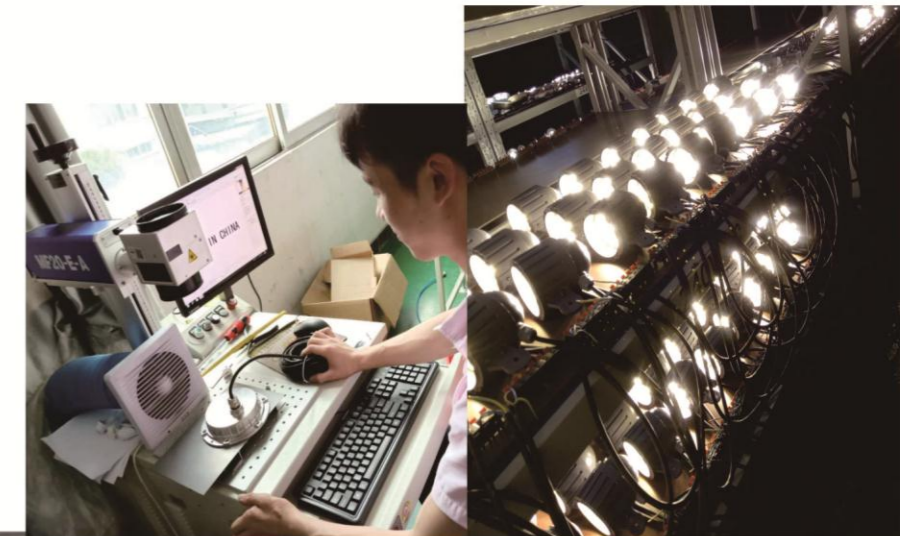
OUTDOOR RATED

DAI

0/1-10V

Triac

DMX512



测试间
TEST ROOM

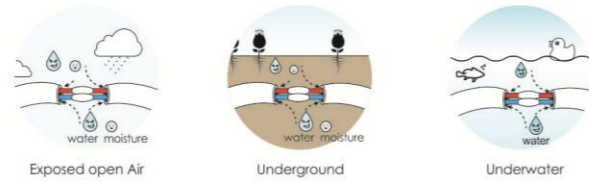


产线一角

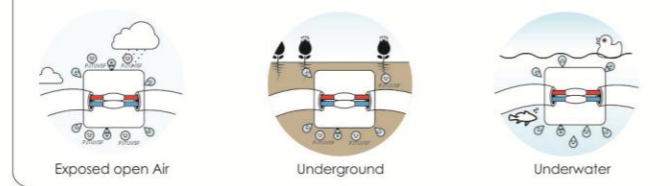
How to dispose the outdoor light connector correctly

Precaution of water prevention and moisture to enter the lamp through power cable IP65 / IP67 Ip68, According to the research and test. The water infiltration is one of the biggest damage to the outdoors fixture. The bellowing pictures are those typical circumstances will take place:

The effect of unused correct water-proof connector



After used correct water-proof connector



Why use the water-proof connector?

When the fixture is turned on, the inside temperature will increase as the operating time goes. Conversely when the lamp stops working, the temperature will slowly drop. This phenomenon will cause "The Siphon effect". Thermal expansion and contraction makes the inside and outside air pressure differences. The vapor will infiltrate to the housing through the wire entry as soon as the internal air pressure is smaller than the external. The infiltration is caused by several incorrect connections like the picture below:



The best and easiest ways to prevent the water filtration are by isolating directly

We recommend using the water-proof connector like The following pictures. The connector was developed especially for outdoors lightings to make sure the fixture is protected.



PG-19211 cable gland connector box

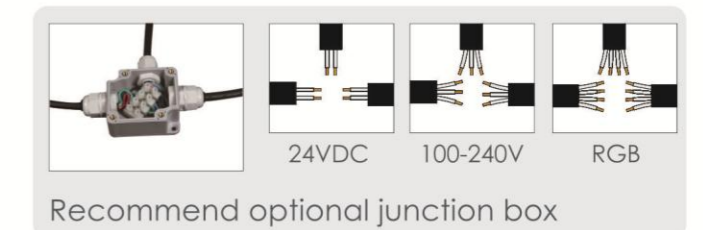
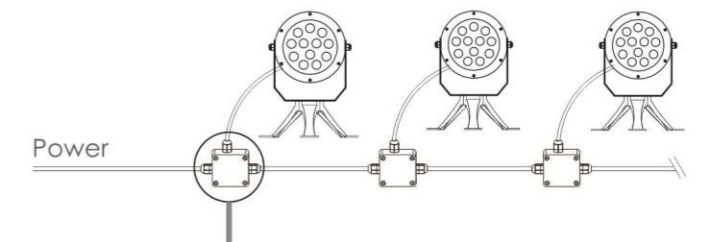


Specifications

Normal ambient condition:
 *operating temperature: $-35^{\circ}\text{C} \sim 50^{\circ}\text{C}$
 *barometric pressure: 86~106KPa
 *grade of Waterproofing: IP68

Product structure to describe
 *Method of connecting wire: crimping by screw
 *cable diameter:
 *metal parts of connection: Cu
 *plastic housing: PC, V-0, PTI250
 *rubber gasket: silicone
 *maximum current : 16A

Connection Demo



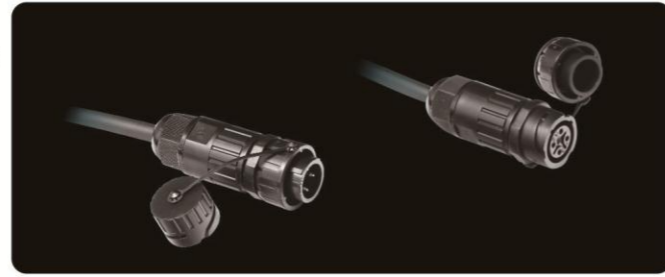
Recommend optional junction box

1. Open-end wire connection as the illustration above.
2. Please choose the appropriate main cable for the total power to be applied.
3. Installers should prepare the main cables and waterproof connectors, or buy from Kapego.
4. Please take reference as fixtures' specs for its working current.

Water-proof
Jiffy quick plug/socket connector & accessories



Socket connector & accessories






Specifications

Materia	Housing fire resistance nylon fire resistance V-0
Pin	copper with silver-coated
Maxmum loading current	2pins,3pins,4pins@1.6A/pin, 5pins,6pins@8A
Voltage	500 (V) (max.)

Features

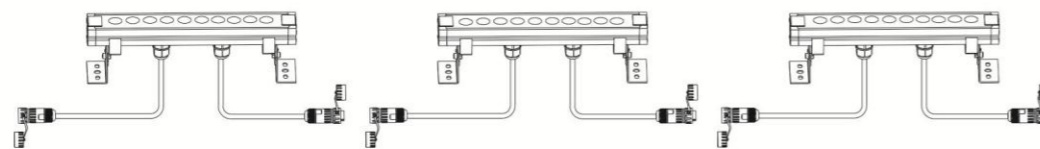
Plug

	Front view				
	Item No.	M02L	M03L	M04L	M05L
	Description	2-Pin plug	3-Pin plug	4-Pin plug	5-Pin plug

Socket

	Front view				
	Item No.	F02L	F03L	F04L	F05L
	Description	2-Pin socket	3-Pin socket	4-Pin socket	5-Pin socket

Connection demo



Comlite LED Limited

Water-proof
Jiffy quick plug/socket junction box



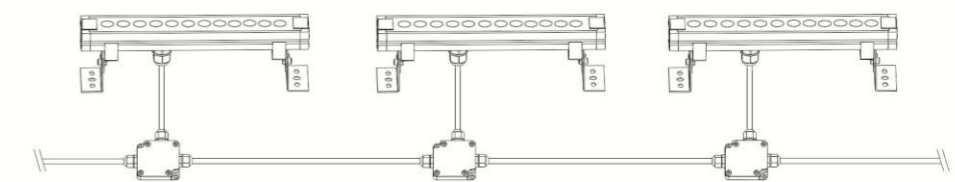
Specifications

Port	1× Plug for power source,2× Socket for input and output
With IP68	water-proof lid before connecting for safty and to protect
Housing	Flame resistant PC + fiber (fire resistance PC fire resistance v-0)
Internal	4 pin block terminal with filled-in glue
Weight	200g
Outer Dimension	80×110×38mm

Features

Item	W-T02	W-T03	W-T05
Pin Qty	2-Pins	3-Pins	5-Pins
Suitable Range	Low Input-Voltage Fixture	High Input- Voltage Fixture	RGBW Color Changing Fixture

Connection demo



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LED Underwater Spot Light Series

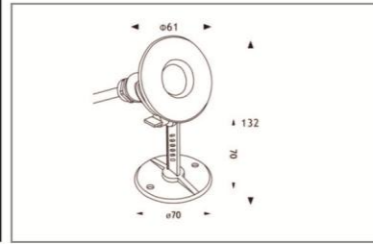
匠心营造



Underwater Spot Light



Dimensions



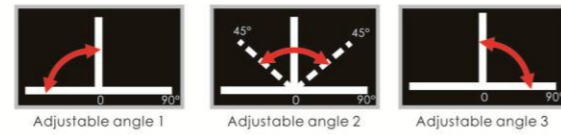
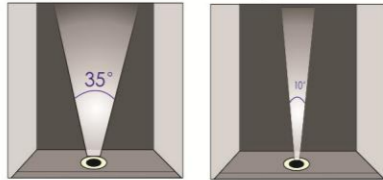
Housing: Molding shaped stainless steel sus 316'
Front-cover: Stainless steel 316'
LED Moundul: OSRAM LED
Driver: Constant voltage input, constant current output
Glass: Step tempered glass, T=7mm
Operating temperature: -20° C~40° C less than 1 meter depth.
Power cable: H05RN-F 2X1.0mm² L=3m(low voltage) H05RN-F 4X0.75mm² L=3m(RGB 3in1)

Art. Code	Power	CRI	Lens degree (Θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5001	1x2W Single	≥80	25 °	24VDC	24V = 105	2.4V = 2.5	Cool white=154 Warm white=120	07
5002	1x3W RGB 3IN1	≥80	25 °	120/240	R=38 G=53 B=54	3.2	56	07

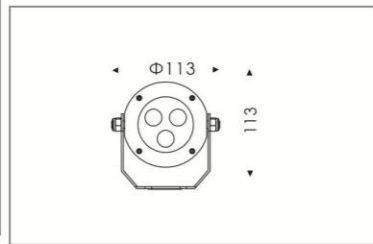
LED colour option

- 2000K
- 3000K
- 4000K
- 6000K

Impression drawing of lens



Dimensions



Housing: Molding shaped stainless steel sus 316'
Front-cover: Stainless steel 316'
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Power cable: H05RN-F 2X1.0mm² L=3m(low voltage)
Dimmable support: Triac PWM 1-10V DALI

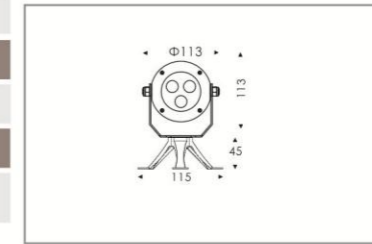
Art. Code	Power	CRI	Lens degree (Θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5004	1x4W Single	≥80	25 °	24VDC	24V = 105	2.4V = 2.5	Cool white=154 Warm white=120	07

Underwater Spot Light



Dimensions

Housing: Molding shaped stainless steel sus 316'
Front-cover: Stainless steel 316'
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Driver: Constant voltage input, constant current output
Glass: Step tempered glass, T=7mm
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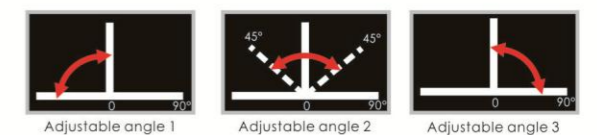
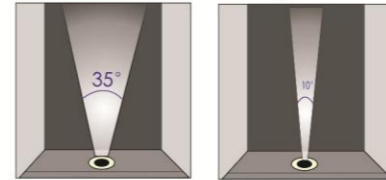


Art. Code	Power	CRI	Lens degree (Θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5010	3x2W Single	≥80	25 °	24VDC	24V = 258	2.4V = 6.2	Cool white=380 Warm white=380	07
5011	3x2W RGB	≥80	25 °	24VDC	R=42 G=64 B=64	6.2	56	07
5013	3x3W RGB 3IN1	≥80	25 °	24VDC	170	9	147	07

LED colour option

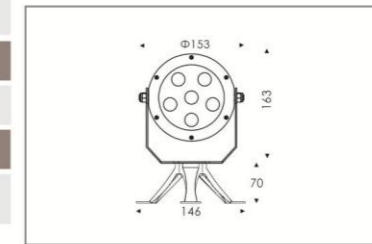
- 2000K
- 3000K
- 4000K
- 6000K
- RGB 3IN1

Impression drawing of lens



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Front-cover: Stainless steel 316'
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Dimensions

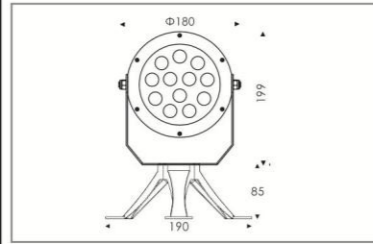


Art. Code	Power	CRI	Lens degree (Θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5015	6x2W Single	≥80	25 °	24VDC	24V = 516	2.4V = 1.2	Cool white=760 Warm white=580	05
5016	6x3W RGB 3IN1	≥80	25 °	24VDC	340	18.4	220	05
5018	9x2W Single	≥80	25 °	24VDC	24V = 750	2.4V = 1.8	Cool white=980 Warm white=860	05
5019	9x3W RGB 3IN1	≥80	25 °	24VDC	340	18.4	320	05

Recessed LED Underwater Light



Dimensions



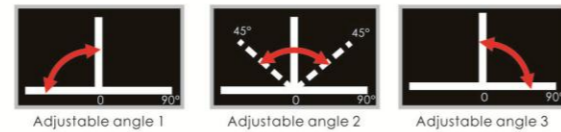
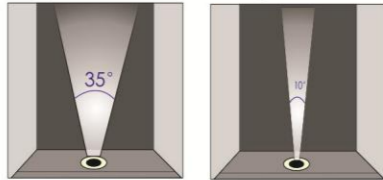
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Driver: Constant voltage input, constant current output
Glass: Step tempered glass, T=7mm
Operating temperature: -20° C~40° C less than 1 meter depth.
Power cable: H05RN-F 2X1.0mm² L=3m(low voltage) H05RN-F 4X0.75mm² L=3m(RGB 3in1)
Dimmable support: Triac PWM 1-10V DALI

Art. Code	Power	CRI	Lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5023	12x2W Single	≥80	25°	24VDC	24V=1000	24V=24	Cool white=1219 Warm white=970	07
5026	12x3W RGB 3IN1	≥80	25°	24VDC	1375	33	600	07

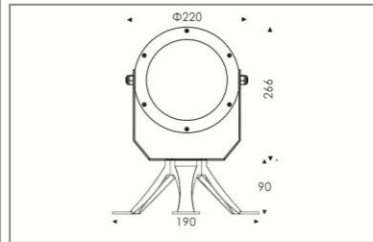
LED colour option

2000K
3000K
4000K
6000K

Impression drawing of lens



Dimensions



Housing: Molding shaped stainless steel sus 316'
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Glass: Step tempered glass, T=7mm
Operating temperature: -20° C~40° C less than 1 meter depth.
Power cable: H05RN-F 2X1.0mm² L=3m(low voltage) H05RN-F 4X0.75mm² L=3m(RGB 3in1)
Dimmable support: Triac PWM 1-10V DALI

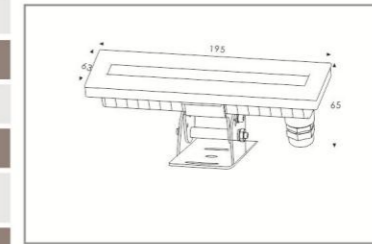
Art. Code	Power	CRI	Lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5028	18x2W Single	≥80	25°	24VDC	24V=1500	24V=36	Cool white=1828 Warm white=1454	07
5030	18x3W RGB 3IN1	≥80	25°	24VDC	1500	24V=36	56	07
5038	36x1.5W Single	≥80	25°	24VDC	24V=2250	24V=54	Cool white=3655 Warm white=2907	07
5039	36x1.5W RGB 3IN1	≥80	25°	24VDC	2250	24V=54	112	07

Recessed LED Underwater Light



Housing: Molding shaped stainless steel sus 316'
Front-cover: Stainless steel 316'
LED Moundul: OSRAM LED
Driver: Constant voltage input, constant current output
Glass: Step tempered glass, T=7mm
Operating temperature: -20° C~40° C less than 1 meter depth.
Power cable: H05RN-F 2X1.0mm² L=3m(low voltage) H05RN-F 4X0.75mm² L=3m(RGB 3in1)
Dimmable support: Triac PWM 1-10V DALI

Dimensions

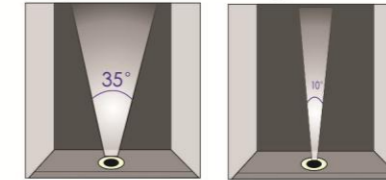


Art. Code	Power	CRI	Lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5049	3x2W Single	≥80	25°	24VDC	24V=275	6.2	Cool white=380 Warm white=330	08
5050	3x2W RGB 3IN1	≥80	25°	24VDC	R=42 G=64 B=64	9	76	08

LED colour option

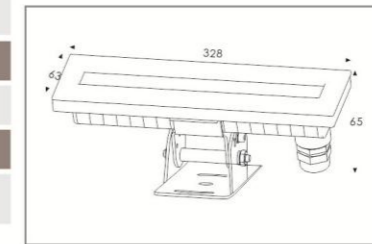
2000K
3000K
4000K
6000K
RGB 3IN1

Impression drawing of lens



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Dimensions

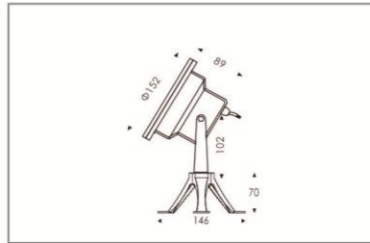


Art. Code	Power	CRI	Lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5052	6x2W Single	≥80	25°	24VDC	24V=	24V=	Cool white= Warm white=	07
5053	6x3W RGB 3IN1	≥80	25°	24VDC	R= G= B=	3.2	56	07

Recessed LED Underwater Light



Dimensions



Housing: Molding shaped stainless steel
Front-cover: Stainless steel
LED Mouldul: OSRAM LED
Driver: Constant voltage input constant current output
Glass: Step tempered glass, T=7mm
Operating temperature: -20°C ~ 40°C less than 1 meter depth.
Power cable: H05RN-F 2X1.0mm² L=3m (low voltage) H05RN-F 4X0.75mm² L=3m (RGB 3in1)

Art. Code	Power	CRI	Lens degree (θ1/2)	Input voltage(v)	Typical operating current (mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
5046	9x2W Single	≥80	25°	24VDC	24V=770	24V=18.6	Cool white=980 Warm white=860	07
5047	9x3W RGB 3IN1	≥80	25°	24VDC	508	27	202	07
5041	6x2W Single	≥80	25°	24VDC	24V=550	24V=13.2	Cool white=760 Warm white=660	07
5042	6x3W RGB 3IN1	≥80	25°	24VDC	340	18	152	07

LED colour option

- 2000K
- 3000K
- 4000K
- 6000K

Impression drawing of lens

