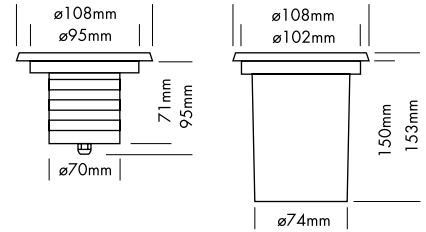
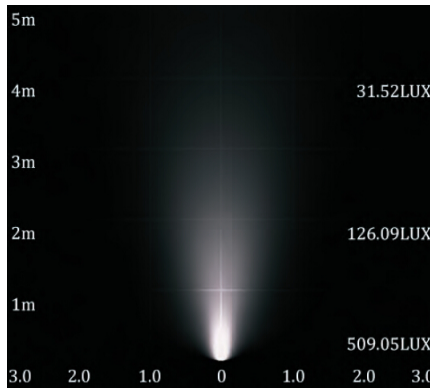


# **Illuminating Asia**

2014-2015 CATALOG

## INGROUND 1R RGBW



IASPL INGROUND 1R RGBW series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Because of the RGBW high power LED (4 Watt) the INGROUND RGBW 1 offers homogeneous colormixing and clean natural white.

- dimmable, autom. colour change, DMX 512, DALI, 1-10 V controllable by IASPL RGB MULTI power supplies/controller
- incl. PVC plastic mounting sleeve

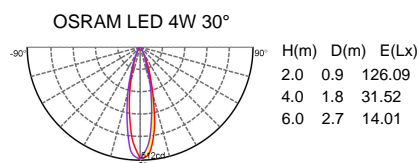


### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC Common Cathode (CC)
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 1800 kg
Electrical connection:	1x cable 0,5 m H05RN-F 5x 0,5 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM RGBW 4 Watt module	
Luminous flux:	red	30 Lumen
	green	70 Lumen
	blue	15 Lumen
	white	90 Lumen
	r+g+b (white)	200 Lumen
Wave length:	red	623 nm
	green	530 nm
	blue	457 nm
Colour temperature:	white	5000-6500 K
Beam angle:	30°	



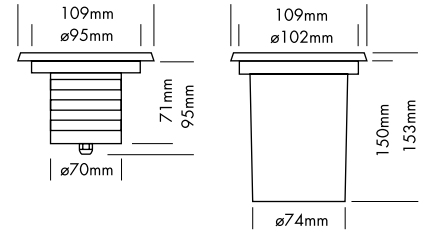
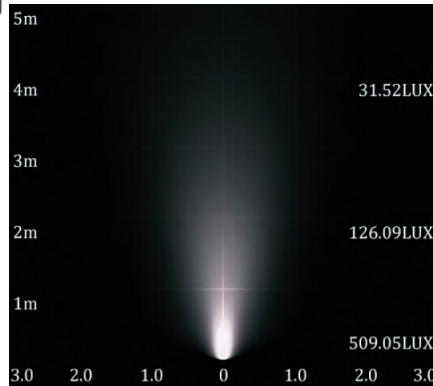
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZCYARW	RGBW	1	4 Watt	4-6 Watt	1,0 kg

Actual power consumption

## INGROUND 1S RGBW



IASPL INGROUND 1s RGBW series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Because of the RGBW high power LED (4 Watt) the INGROUND RGBW 1 offers homogeneous colormixing and clean natural white.

- dimmable, autom. colour change, DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve



### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC Common Cathode (CC)
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10 \text{ mm} = 600 \text{ kg}$ , $\varnothing 30 \text{ mm} = 1800 \text{ kg}$
Electrical connection:	1 x cable 0,5 m H05RN-F 5x 0,5 mm <sup>2</sup> to open wires

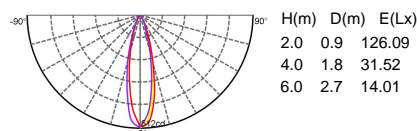
Operating temperature range:  $-10^{\circ} \text{C}$  till  $+45^{\circ} \text{C}$

### Photometric Data

LED type:	OSRAM RGBW 4 Watt module	
Luminous flux:	red	30 Lumen
	green	70 Lumen
	blue	15 Lumen
	white	90 Lumen
	r+g+b (white)	200 Lumen
Wave length:	red	623 nm
	green	530 nm
	blue	457 nm
Colour temperature:	white	5000-6500 K
Beam angle:	30°	



### OSRAM LED 4W 30°



### Product Type

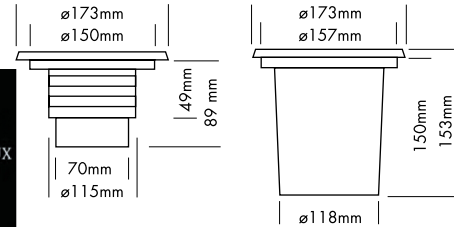
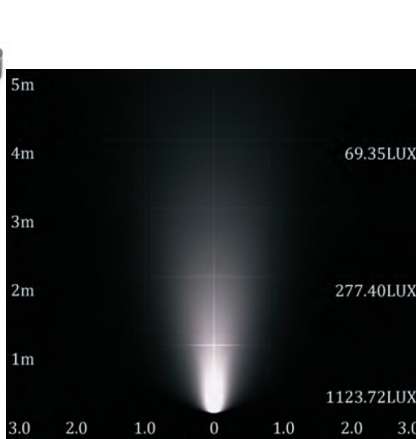
IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZCXARW	RGBW	1	4 Watt	4-6 Watt	1,0 kg

Actual power consumption

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## INGROUND 3R RGBW



IASPL INGROUND 3R RGBW series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Because of the RGBW high power LEDs (4 Watt) the INGROUND RGBW 3 offers homogeneous colormixing and clean natural white.

- dimmable, autom. colour change, DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve

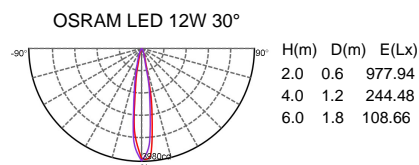


### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC Common Cathode (CC)
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 500 kg, $\varnothing 30$ mm = 900 kg, $\varnothing 60$ mm = 1200 kg
Electrical connection:	1x cable 0,5 m H05RN-F 5x 0,5 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM RGBW 4 Watt module	
Luminous flux:	red	115 Lumen
	green	190 Lumen
	blue	40 Lumen
	white	250 Lumen
	r+g+b (white)	590 Lumen
Wave length:	red	623 nm
	green	530 nm
	blue	457 nm
Colour temperature:	white	5000-6500 K
Beam angle:	30°	



### Product Type

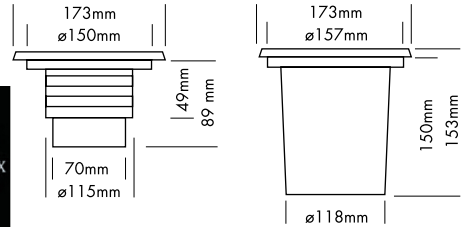
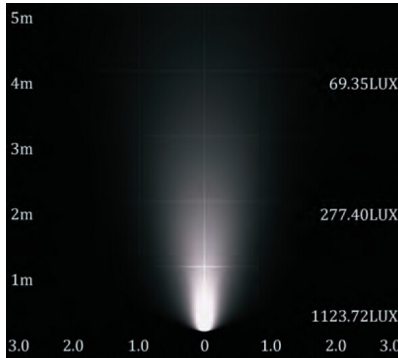
IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZBYARW	RGBW	3	12 Watt	12-15 Watt	2 kg

Actual power consumption



## INGROUND 3S RGBW



IASPL INGROUND 3S series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Because of the RGBW high power LEDs (4 Watt) the INGROUND RGBW 3 offers homogeneous colormixing and clean natural white.

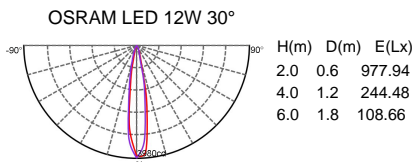
- dimmable, autom. colour change, DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve

### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC Common Cathode (CC)
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 500 kg, $\varnothing 30$ mm = 900 kg, $\varnothing 60$ mm = 1200 kg
Electrical connection:	1x cable 0,5 m H05RN-F 5x 0,5 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM RGBW 4 Watt module	
Luminous flux:	red	115 Lumen
	green	190 Lumen
	blue	40 Lumen
	white	250 Lumen
	r+g+b (white)	590 Lumen
Wave length:	red	623 nm
	green	530 nm
	blue	457 nm
Colour temperature: white	5000-6500 K	
Beam angle:	30°	



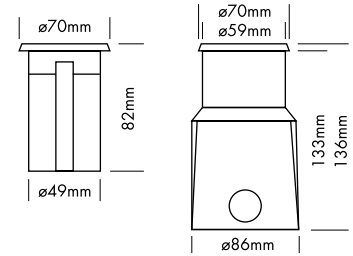
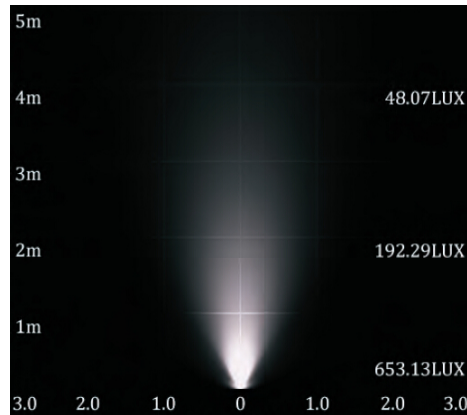
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZBXCW	RGBW	3	12 Watt	12-15 Watt	2 kg

Actual power consumption

## INGROUND COB5 R MONO



IASPL INGROUND COB5 R series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve



### Technical Data

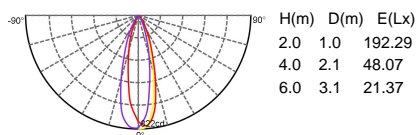
IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 7 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg,
Electrical connection:	1 x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM LED	
Luminous flux:	white	310 Lumen
	warm white	250 Lumen
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	30°	



### OSRAM LED 5W 30°



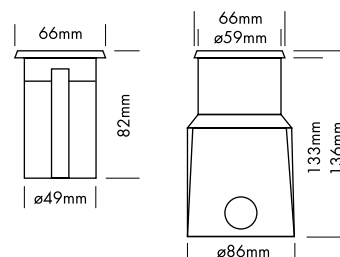
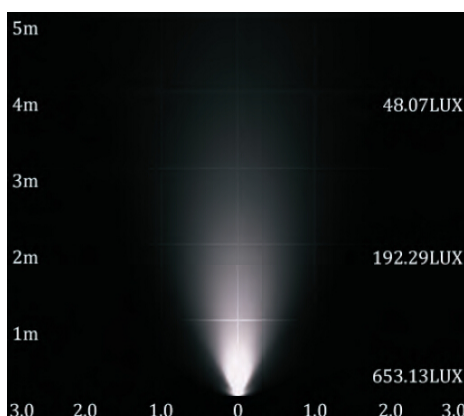
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZIYOA0560	white	1	5 Watt	5-6 Watt	0,5 kg
BZIYOA0530	warm white	1	5 Watt	5-6 Watt	0,5 kg

Actual power consumption

## INGROUND COB5 S MONO



IASPL INGROUND COB5 S series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve

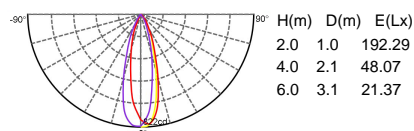
### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 7 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of ø10 mm = 600 kg,
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM LED	
Luminous flux:	white	310 Lumen
	warm white	250 Lumen
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	30°	

### OSRAM LED 5W 30°



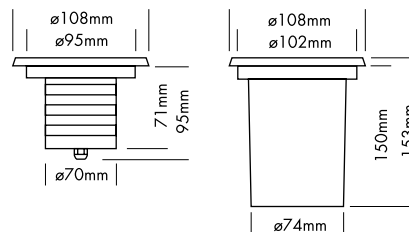
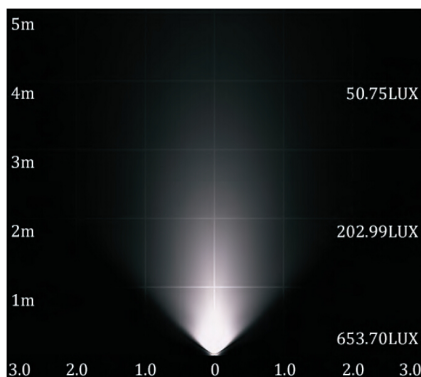
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZIXOA0560	white	1	5 Watt	5-6 Watt	0,5 kg
BZIXOA0530	warm white	1	5 Watt	5-6 Watt	0,5 kg

Actual power consumption

## INGROUND COB6 R MONO



IASPL INGROUND COB6 R series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve



### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 1800 kg
Electrical connection:	1 x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires

Operating temperature range:  $-10^{\circ}\text{C}$  till  $+45^{\circ}\text{C}$

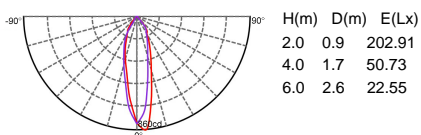


### Photometric Data

LED type:	OSRAM LED	
Luminous flux:	white	400 Lumen per m
	warm white	300 Lumen per m
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	25°	



OSRAM LED 6W 25°



### Product Type

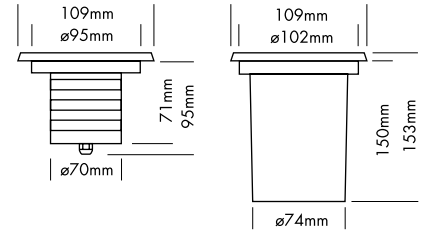
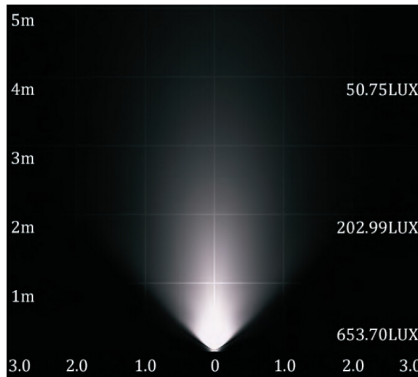
IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZCYOA0660	white	1	6 Watt	5-7 Watt	1 kg
BZCYOA0630	warm white	1	6 Watt	5-7 Watt	1 kg

Actual power consumption



## INGROUND COB6 S MONO



IASPL INGROUND COB6 S series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. PVC plastic mounting sleeve



### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 1800 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

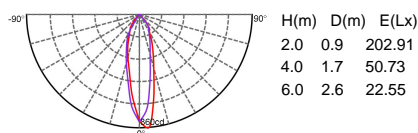


### Photometric Data

LED type:	OSRAM LED	
Luminous flux:	white	400 Lumen per m
	warm white	300 Lumen per m
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	25°	



### OSRAM LED 6W 25°



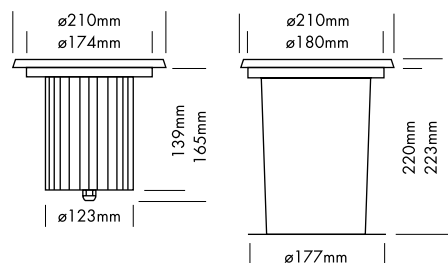
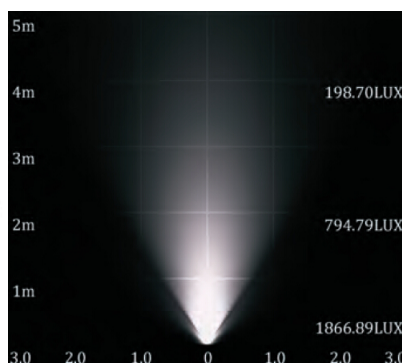
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZCXA0660	white	1	6 Watt	5-7 Watt	1 kg
BZCXA0630	warm white	1	6 Watt	5-7 Watt	1 kg

Actual power consumption

## INGROUND COB18 R MONO



IASP INGROUND COB18 R is designed for floor integration and offers because of its high light output various design possibilities in architectural illumination.

- incl. PVC plastic mounting sleeve



### Technical Data

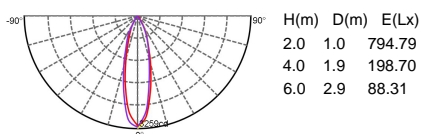
IP classification:	IP67 (for outdoor use)
Power source:	110-240 VAC 50/60 Hz
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 10 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 1800 kg
Electrical connection:	1x cable 0,5 m H05RN-F 3x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM COB	
Luminous flux:	white	1350 Lumen per m
	warm white	1200 Lumen per m
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	25°	



### OSRAM LED 18W 24°



### Product Type

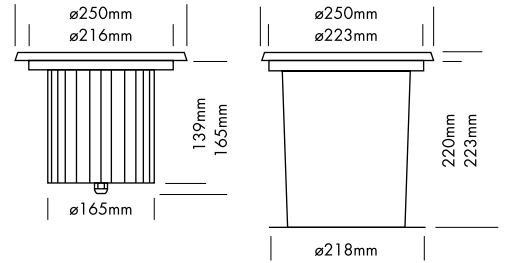
IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZDOA1860	white	1	18 Watt	18-20 Watt	2,6 kg
BZDOA1830	warm white	1	18 Watt	18-20 Watt	2,6 kg

Actual power consumption



## INGROUND COB25 R MONO



IASPL INGROUND COB25 R is designed for floor integration and offers because of its high light output various design possibilities in architectural illumination.

- incl. PVC plastic mounting sleeve



### Technical Data

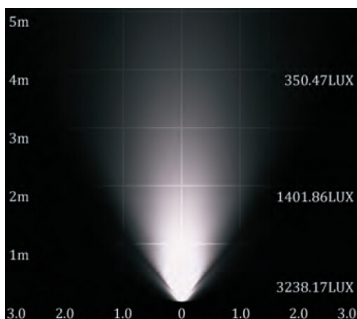
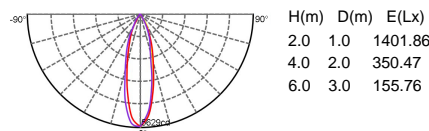
IP classification:	IP67 (for outdoor use)
Power source:	110v-240v VAC 50/60 Hz
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 10 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 1800 kg
Electrical connection:	1x cable 0,5 m H05RN-F 3x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM COB	
Luminous flux:	white	1600 Lumen per m
	warm white	1800 Lumen per m
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	25°	



### OSRAM LED 25W 24°



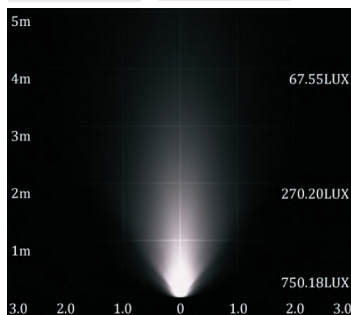
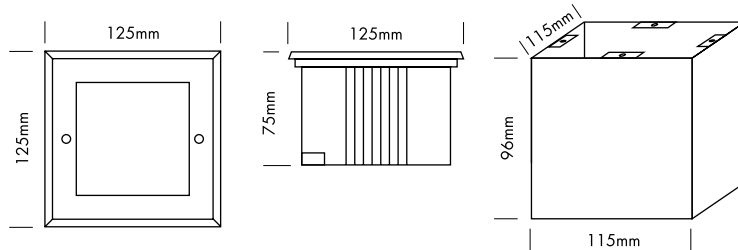
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZEOA2560	white	1	25 Watt	30-36 Watt	4 kg
BZEOA2530	warm white	1	25 Watt	30-36 Watt	4 kg

Actual power consumption

## INGROUND SQUARE 125 COB6 MONO



IASPL INGROUND S 125 COB6 series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

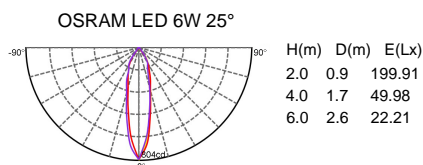
- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. zinc coated steel mounting sleeve

### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	zinc coated steel mounting sleeve
Load capacity:	exert force area of $\varnothing 10$ mm = 270 kg, $\varnothing 30$ mm = 900 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM COB	
Luminous flux:	white	350 Lumen per m
	warm white	330 Lumen per m
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	25°	



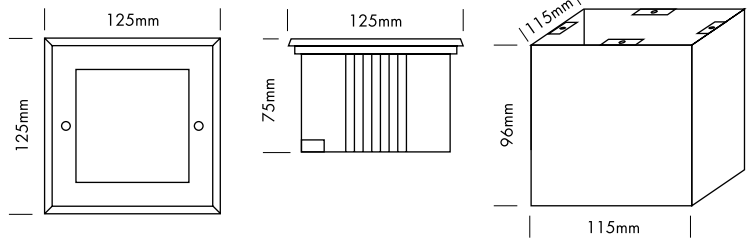
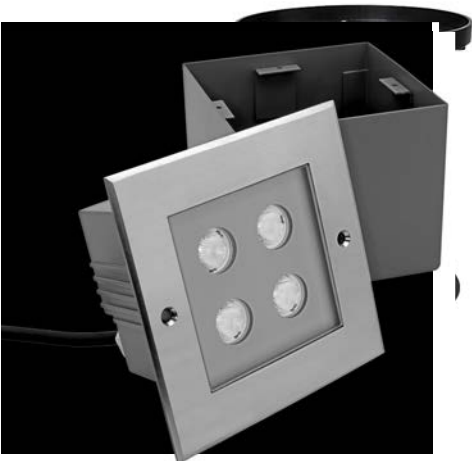
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZH0A0660	white	1	6 Watt	5-6 Watt	1.4 kg
BZH0A0630	warm white	1	6 Watt	5-6 Watt	1.4 kg

Actual power consumption

## INGROUND SQUARE 4 MONO



IASPL INGROUND S4 MONO series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGBW MULTI power supplies/controller
- incl. zinc coated steel mounting sleeve

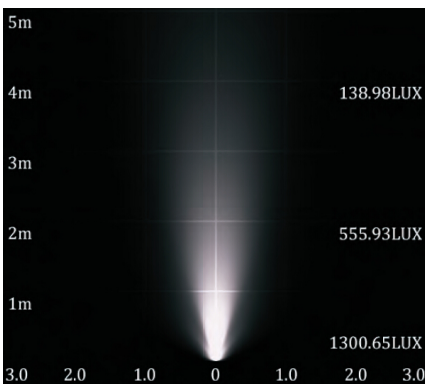
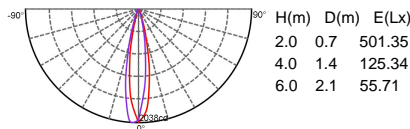
### Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	zinc coated steel mounting sleeve
Load capacity:	exert force area of $\varnothing 10$ mm = 270 kg, $\varnothing 30$ mm = 900 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED type:	OSRAM 1 Watt high power	
Luminous flux:	white	400 Lumen per m
	warm white	280 Lumen per m
Colour temperature:	white	5000-6000 K
	warm white	2700-3500 K
CRI:	white	70+
	warm white	80+
Beam angle:	20°	

### OSRAM LED 4W 20°



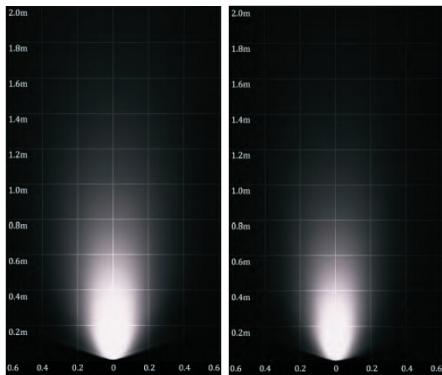
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZHD60	white	4	4 Watt	4-5 Watt	1.5 kg
BZDH30	warm white	4	4 Watt	4-5 Watt	1.5 kg

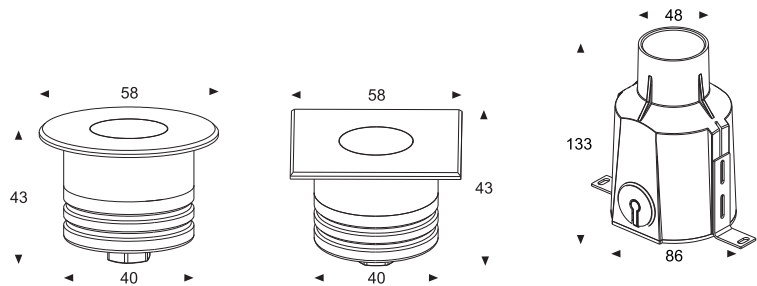
Actual power consumption

## Small and thin recessed inground and down light



BZXYA60 30°

BZXYAR 30°

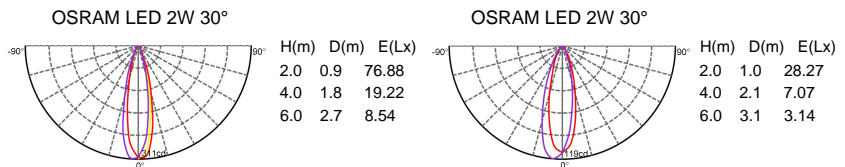


### Technical Data

IP classification:	IP67(for out door use)
Power source:	24 VDC/120VAC/240 VAC 50/60 Hz
Ring:	stainless steel 316
Housing:	powder coated aluminium grey
Power cable:	HO5RN-F 2x1.0mm <sup>2</sup> L=0.5m(low voltage) HO5RN-F 3x1.0mm <sup>2</sup> L=0.5m(high voltage)
Load capacity:	exert force area of $\varnothing 10\text{mm}=1300\text{kg}$
Electrical connection:	1x cable 0,5 m HO5RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED:	OSRAM LED 2W	
Luminous flux:	white 70 lumen warm white 65 lumen red 15 lumen green 25 lumen blue 10 lumen r+g+b (white) 45 lumen	
CRI:	neutral white	80+
	warm white	80+
	cool white	80+
Beam angle:	30°	



### Product Type

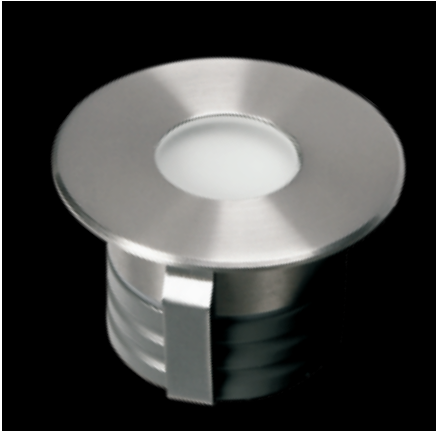
IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZXYA60	white	1	2Watt	3-3.5Watt	0.3 kg
BZXYA30	warm white	1	2Watt	3-3.5Watt	0.3 kg
BZXXA60	white	1	2Watt	3-3.5Watt	0.3 kg
BZXXA30	warm white	1	2Watt	3-3.5Watt	0.3 kg
BZXYAR	RGB	1	2Watt	3-3.5Watt	0.3 kg
BZXXAR	RGB	1	2Watt	3-3.5Watt	0.3 kg

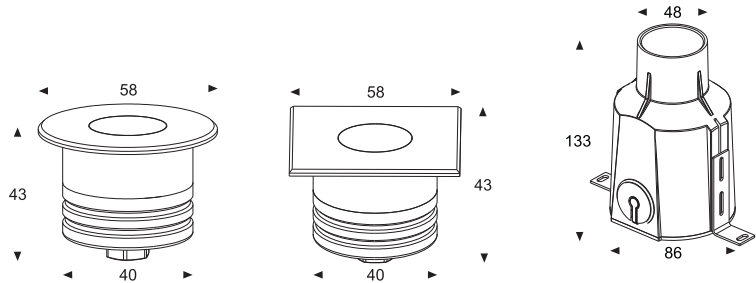
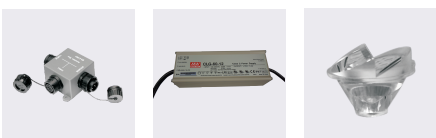
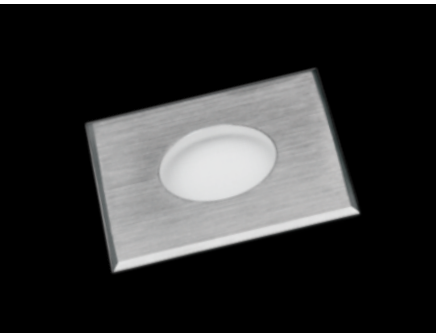
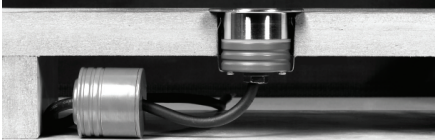
Actual power consumption



## Small and thin recessed inground and down light



driver(24 - VCCU)in separate metal box



### Technical Data

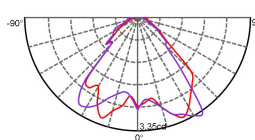
IP classification:	IP67(for out door use)
Power source:	24 VDC/120VAC/240 VAC 50/60 Hz
Ring:	stainless steel 316
Housing:	powder coated aluminium grey
Power cable:	HO5RN-F 2x1.0mm <sup>2</sup> L=0.5m(low voltage) HO5RN-F 3x1.0mm <sup>2</sup> L=0.5m(high voltage)
Load capacity:	exert force area of $\varnothing 10\text{mm}=1300\text{kg}$
Electrical connection:	1x cable 0,5 m HO5RN-F 2x 1,0 mm <sup>2</sup> to open wires

Operating temperature range:  $-10^{\circ}\text{C}$  till  $+45^{\circ}\text{C}$

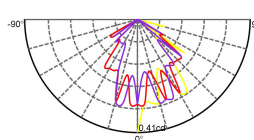
### Photometric Data

LED:	OSRAM LED	
Luminous flux:	white 70 lumen warm white 65 lumen red 15 lumen green 25 lumen blue 10 lumen r+g+b (white) 45 lumen	
CRI:	neutral white	80+
	warm white	80+
Beam angle:	30°	

OSRAM LED 1.2W 30°



OSRAM LED 2.4W 30°



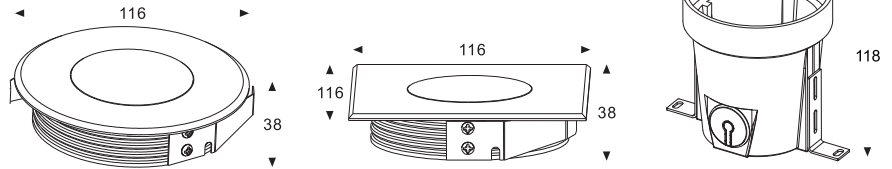
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZXYFr60	white	6	1.2Watt	1.5-2.1Watt	0.3 kg
BZXYFr30	warm white	6	1.2Watt	1.5-2.1Watt	0.3 kg
BZXXFr60	white	6	1.2Watt	1.5-2.1Watt	0.3 kg
BZXXFr30	warm white	6	1.2Watt	1.5-2.1Watt	0.3 kg
BZXYLrRw	RGBW	12	2.4Watt	2.5-3Watt	0.3 kg
BZXXLrRw	RGBW	12	2.4Watt	2.5-3Watt	0.3 kg

Actual power consumption

## Small and thin recessed inground and down light



driver(24 - VCCU)in separate metal box



### Technical Data

IP classification:	IP67(for out door use)
Power source:	24 VDC/120VAC/240 VAC 50/60 Hz
Ring:	stainless steel 316
Housing:	powder coated aluminium grey
Power cable:	HO5RN-F 2x1.0mm <sup>2</sup> L=0.5m(low voltage) HO5RN-F 3x1.0mm <sup>2</sup> L=0.5m(high voltage)
Load capacity:	exert force area of ø10mm=1300kg
Electrical connection:	1x cable 0,5 m HO5RN-F 2x 1,0 mm <sup>2</sup> to open wires

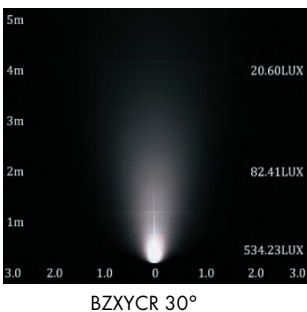
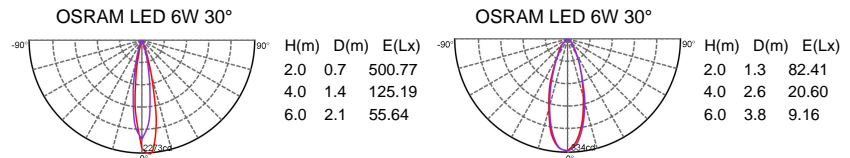
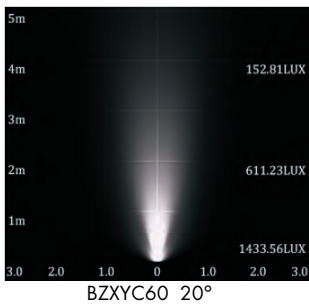
Operating temperature range: -10° C till +45° C

### Photometric Data

LED:	OSRAM LED	
Luminous flux:	white	70 lumen
	warm white	65 lumen
	red	15 lumen
	green	25 lumen
	blue	10 lumen
	r+g+b (white)	45 lumen

CRI:	neutral white	80+
	warm white	80+

Beam angle: 30°



### Product Type

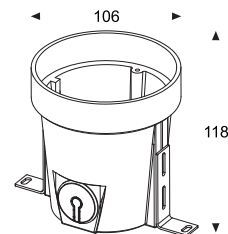
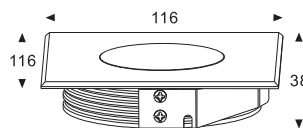
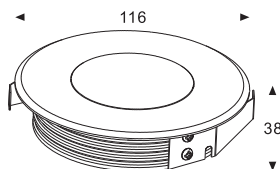
IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZXYC60	white	3	6Watt	7.8Watt	0.83 kg
BZXYC30	warm white	3	6Watt	7.8Watt	0.83 kg
BZXXC60	white	3	6Watt	7.8Watt	0.83 kg
BZXXC30	warm white	3	6Watt	7.8Watt	0.83 kg
BZXYCR	RGB	3	6Watt	7.8Watt	0.83 kg
BZXXCR	RGB	3	6Watt	7.8Watt	0.83 kg

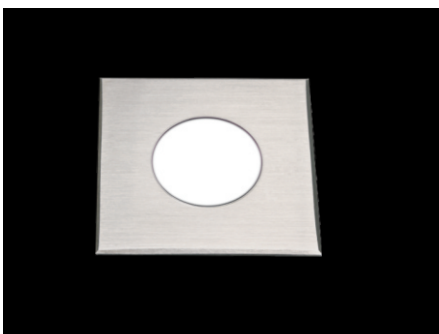
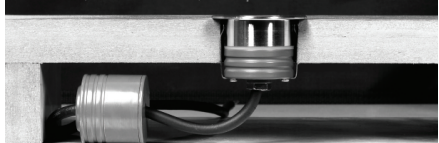
Actual power consumption



## Small and thin recessed inground and down light



driver(24 - VCCU)in separate metal box

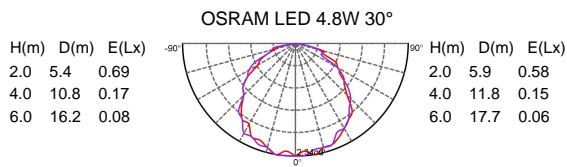
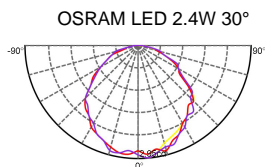


### Technical Data

IP classification:	IP67(for out door use)
Power source:	24 VDC/120VAC/240 VAC 50/60 Hz
Ring:	stainless steal 316
Housing:	powder coated aluminium grey
Power cable:	H05RN-F 2x1.0mm <sup>2</sup> L=0.5m(low voltage) H05RN-F 3x1.0mm <sup>2</sup> L=0.5m(high voltage)
Load capacity:	exert force area of ø10mm=1300kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

### Photometric Data

LED:	OSRAM LED	
Luminous flux:	white 70 lumen warm white 65 lumen red 15 lumen green 25 lumen blue 10 lumen r+g+b (white) 45 lumen	
CRI:	neutral white	80+
	warm white	80+
Beam angle:	30°	



### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZXYLr60	white	12	2.4Watt	2.5-3Watt	0.83 kg
BZXYLr30	warm white	12	2.4Watt	2.5-3Watt	0.83 kg
BZXXLr60	white	12	2.4Watt	2.5-3Watt	0.83 kg
BZXXLr30	warm white	12	2.4Watt	2.5-3Watt	0.83 kg
BZXYZrRW	RGBW	24	4.8Watt	5-6Watt	0.83 kg
BZXXZrRW	RGBW	24	4.8Watt	5-6Watt	0.83 kg

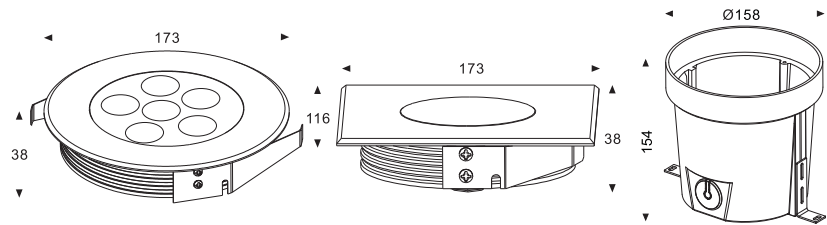
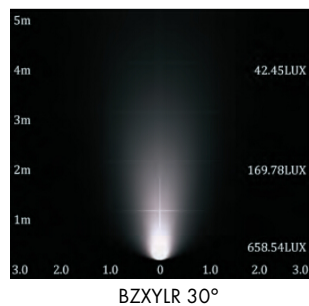
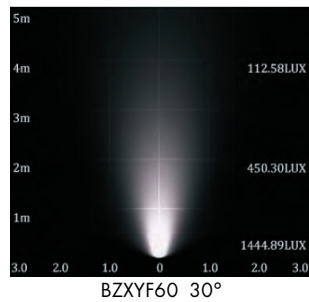
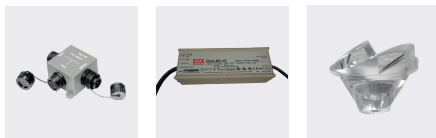
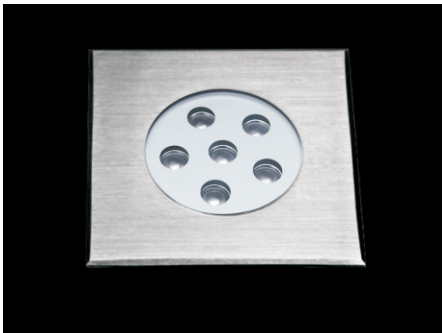
Actual power consumption



## Small and thin recessed inground and down light



driver(24 - VCCU)in separate metal box



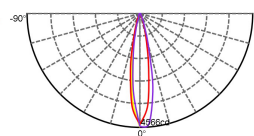
### Technical Data

IP classification:	IP67(for out door use)
Power source:	24 VDC/120VAC/240 VAC 50/60 Hz
Ring:	stainless steel 316
Housing:	powder coated aluminium grey
Power cable:	HO5RN-F 2x1.0mm <sup>2</sup> L=0.5m(low voltage) HO5RN-F 3x1.0mm <sup>2</sup> L=0.5m(high voltage)
Load capacity:	exert force area of ø10mm=1300kg
Electrical connection:	1x cable 0,5 m HO5RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

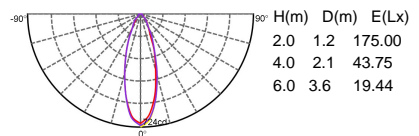
### Photometric Data

LED:	OSRAM LED	
Luminous flux:	white	70 lumen
	warm white	65 lumen
	red	15 lumen
	green	25 lumen
	blue	10 lumen
	r+g+b (white)	45 lumen
CRI:	neutral white	80+
	warm white	80+
Beam angle:	30°	

OSRAM LED 12W 30°



OSRAM LED 12W 30°



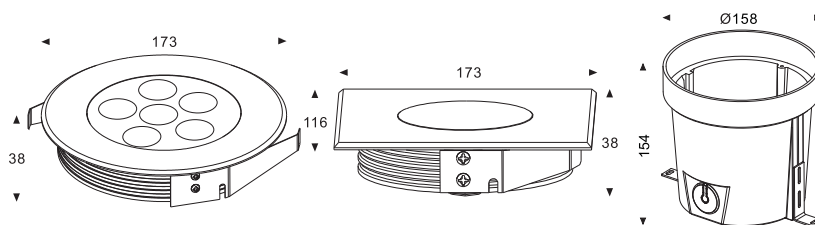
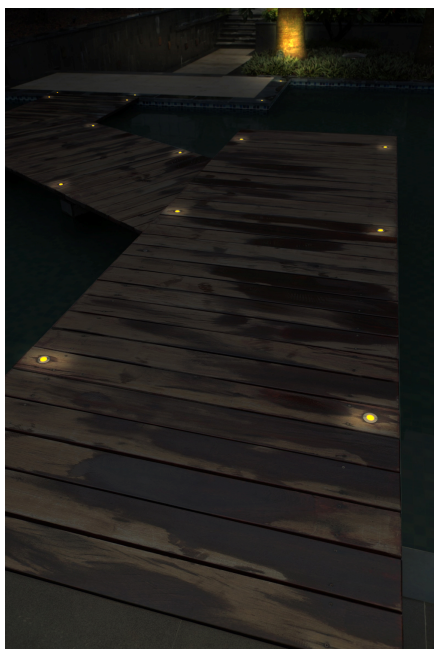
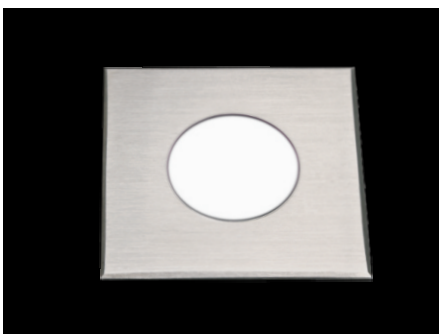
### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZXYF60	white	6	12Watt	12-24Watt	1.89 kg
BZXYF30	warm white	6	12Watt	12-24Watt	1.89 kg
BZXXLRW	white	6	12Watt	12-24Watt	1.89 kg
BZXXF60	warm white	6	12Watt	12-24Watt	1.89 kg
BZXYLR	RGB	6	12Watt	12-24Watt	1.89 kg
BZXXLR	RGB	6	12Watt	12-24Watt	1.89 kg

Actual power consumption

## Small and thin recessed inground and down light



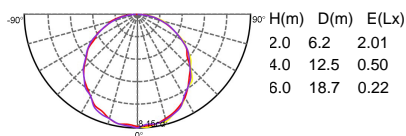
### Technical Data

IP classification:	IP67(for out door use)
Power source:	24 VDC/120VAC/240 VAC 50/60 Hz
Ring:	stainless steal 316
Housing:	powder coated aluminium grey
Power cable:	H05RN-F 2x1.0mm <sup>2</sup> L=0.5m(low voltage) H05RN-F 3x1.0mm <sup>2</sup> L=0.5m(high voltage)
Load capacity:	exert force area of $\varnothing 10\text{mm}=1300\text{kg}$
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm <sup>2</sup> to open wires
Operating temperature range:	-10° C till +45° C

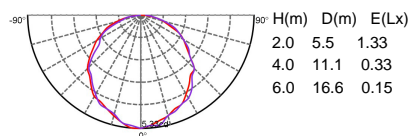
### Photometric Data

LED:	OSRAM LED	
Luminous flux:	white 70 lumen warm white 65 lumen red 15 lumen green 25 lumen blue 10 lumen r+g+b (white) 45 lumen	
CRI:	neutral white	80+
	warm white	80+
Beam angle:	30°	

OSRAM LED 7.2W 30°



OSRAM LED 9.6W 30°



### Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZXY2Rr60	white	36	7.2Watt	7.5-8Watt	1.89 kg
BZXY2Rr30	warm white	36	7.2Watt	7.5-8Watt	1.89 kg
BZXX2Rr60	white	36	7.2Watt	7.5-8Watt	1.89 kg
BZXX2Rr30	warm white	36	7.2Watt	7.5-8Watt	1.89 kg
BZXY2XrRW	RGBW	48	9.6Watt	10-11.5Watt	1.89 kg
BZXX2XrRW	RGBW	48	9.6Watt	10-11.5Watt	1.89 kg

Actual power consumption