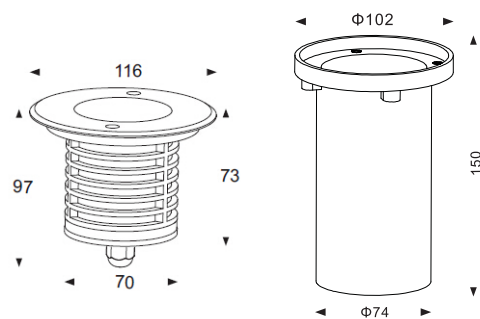
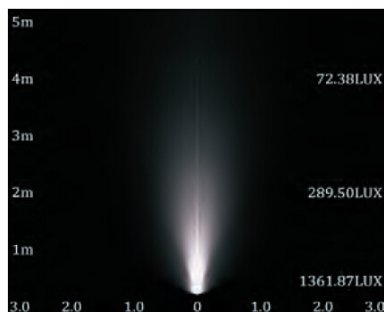


Illuminating Asia

2014-2015 CATALOG

INGROUND 3R TRILED RGB



IASPL INGROUND 3R TRILED RGB series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

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

Technical Data

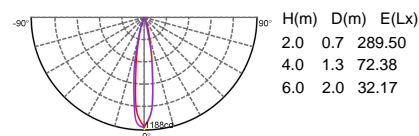
IP classification:	IP67 (for outdoor use)
Power source:	24 VDC Common Cathode (CC)
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	powder coated aluminium grey
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 1800 kg
Electrical connection:	1x cable 0,5 m H05RN-F 4x 0,75 mm ² to open wires

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

Photometric Data

LED type:	OSRAM RGB 3-in-1 LEDs 2 Watt		
Luminous flux:	red	60 Lumen	
	green	120 Lumen	
	blue	35 Lumen	
	r+g+b+w	230 Lumen	
Wave length:	red	620 nm	
	green	525 nm	
	blue	467 nm	
Beam angle:	30°		

OSRAM LED 6W 30°



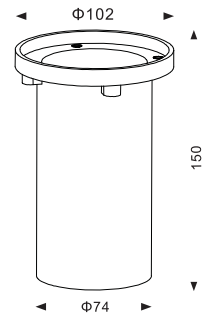
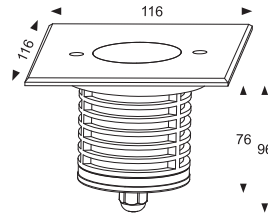
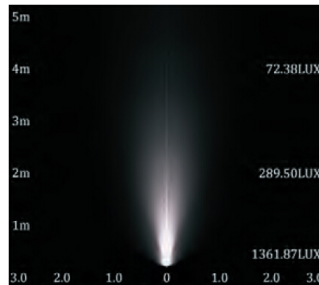
Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZCYR	RGB	3	6 Watt	6-7 Watt	1.0 kg

Actual power consumption

INGROUND 3S TRILED RGB



IASPL INGROUND 3S TRILED RGB series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

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



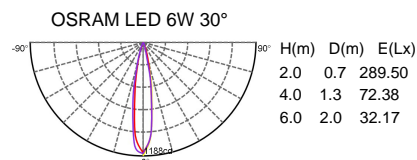
Technical Data

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:	powder coated aluminium grey
Load capacity:	exert force area of $\varnothing 10 \text{ mm} = 600 \text{ kg}$, $\varnothing 30 \text{ mm} = 1800 \text{ kg}$
Electrical connection:	1x cable 0,5 m H05RN-F 4x 0,75 mm ² to open wires

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

Photometric Data

LED type:	OSRAM RGB 3-in-1 LEDs 2 Watt		
Luminous flux:	red	60 Lumen	
	green	120 Lumen	
	blue	35 Lumen	
	r+g+b+w	230 Lumen	
Wave length:	red	620 nm	
	green	525 nm	
	blue	467 nm	
Beam angle:	30°		



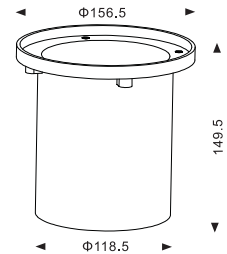
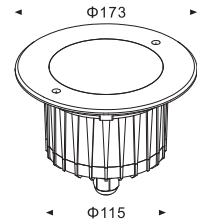
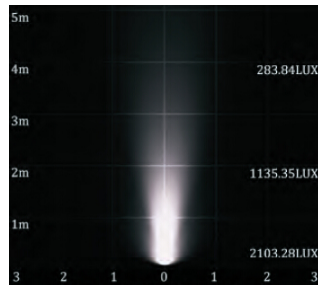
Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZCXR	RGB	3	6 Watt	6-7 Watt	1.0 kg

Actual power consumption

INGROUND 1S THIN MONO



IASPL INGROUND 1S series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

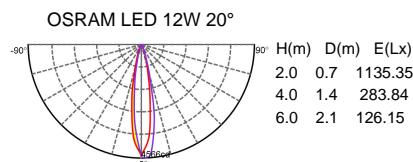
- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGB MULTI power supplies/controller
- very low mounting depth
- driver (24 V → CCU) in separate metal box is included. Additional a 24 VDC switching power supply is required.

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
Load capacity:	extert force area of $\varnothing 10$ mm = 1300 kg,
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1.0 mm ² to open wires
Operating temperature:	-10° C till +45° C range:

Photometric Data

LED type:	OSRAM 2 Watt high power	
Luminous flux:	white	70 Lumen
	warm white	65 Lumen
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	70+
	warm white	70+
Beam angle:	15° (only white), 20° and asymmetrical 45°/00	



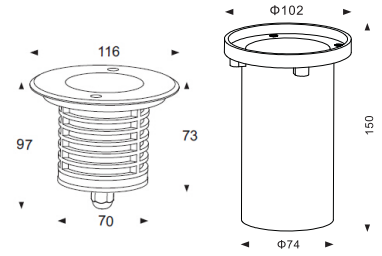
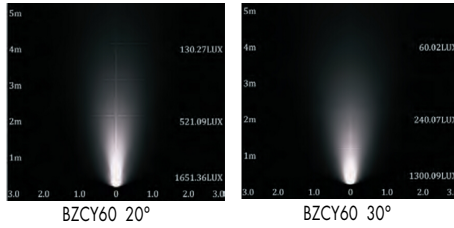
Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZBYCF60	white	6	12 Watt	12-13 Watt	1.8 kg
BZBYCF30	warm white	6	12 Watt	12-13 Watt	1.8 kg

Actual power consumption

INGROUND 3R MONO



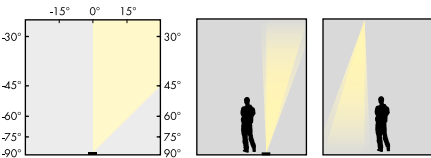
IASPL INGROUND 3R MONO series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGB MULTI power supplies/controller
- incl. powder coated aluminium mounting sleeve grey

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:	powder coated aluminium grey
Load capacity:	exert force area of ø10 mm = 600 kg, ø30 mm = 1800 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm ² to open wires

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



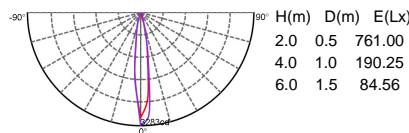
Asymmetrische Linse 45°/00° / Asymmetrical lens 45°/00°

Photometric Data

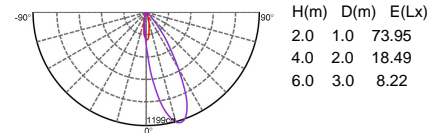
LED type:	OSRAM 2 Watt high power	
Luminous flux:	white	360 Lumen
	warm white	310 Lumen
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	13°, 30° and asymmetrical 45°/00°	



OSRAM LED 6W 30°



OSRAM LED 6W 45°/35°



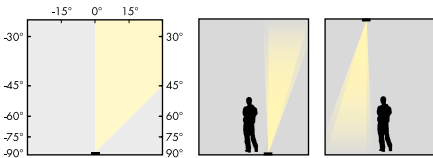
Product Type

IES is available

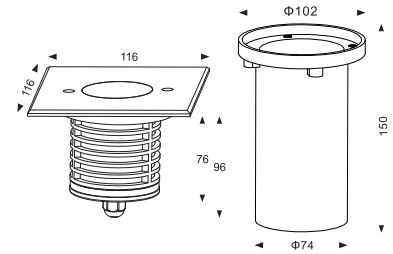
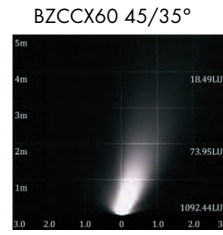
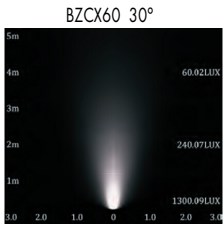
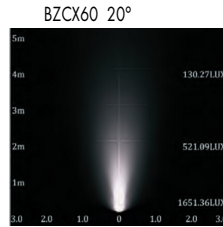
order code	colour	beam angle	LED pcs	LED power	Power consumption*	weight
BZCY60	white	20°	3	6 Watt	5-6 Watt	1.0 kg
BZCY30	warm white	20°	3	6 Watt	5-6 Watt	1.0 kg
BZCCY60	white	45/35	3	6 Watt	5-6 Watt	1.0 kg
BZCCY30	warm white	45/35	3	6 Watt	5-6 Watt	1.0 kg

Actual power consumption

INGROUND 3S MONO



Asymmetrische Linse 45°/00 / Asymmetrical lens 45°/00



IASPL INGROUND 3S MONO series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

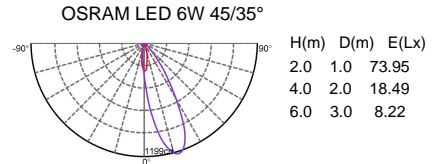
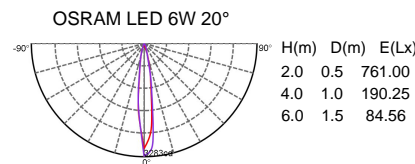
- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGB MULTI power supplies/controller
- incl. powder coated aluminium mounting sleeve grey

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:	powder coated aluminium grey
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 ² to open wires
Operating temperature range:	-10° C till +45° C

Photometric Data

LED type:	OSRAM 2 Watt high power	
Luminous flux:	white	360 Lumen
	warm white	310 Lumen
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	13°, 20° and asymmetrical 45°/00	



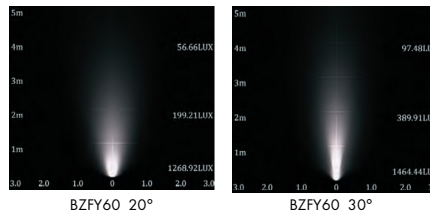
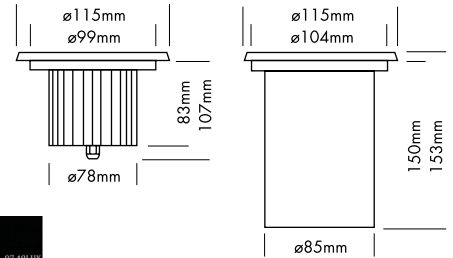
Product Type

IES is available

order code	colour	beam angle	LED pcs	LED power	Power consumption*	weight
BZCX60	white	20°	3	6 Watt	5-6 Watt	1.0 kg
BZCX30	warm white	20°	3	6 Watt	5-6 Watt	1.0 kg
BZCCX60	white	45/35	3	6 Watt	5-6 Watt	1.0 kg
BZCCX30	warm white	45/35	3	6 Watt	5-6 Watt	1.0 kg

Actual power consumption

INGROUND 3 JUNIOR SCHWENKBAR / SWIVEL



IASPL INGROUND 3 JUNIOR SWIVEL is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Due to the swivel function the light beam can be tilted by +/- 30°.

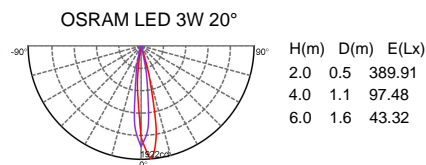
- dimmable or DMX 512, DALI, 1-10 V controllable by IASPL RGB MULTI power supplies/controller
- incl. PVC plastic mounting sleeve

Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 6 mm tempered glass
Mounting sleeve:	powder coated aluminium grey
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 900 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm ² to open wires
Operating temperature:	-10° C till +45° C range:

Photometric Data

LED type:	OSRAM 1 Watt high power	
Luminous flux:	white	330 Lumen
	warm white	230 Lumen
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	70+
	warm white	80+
Beam angle:	20°	



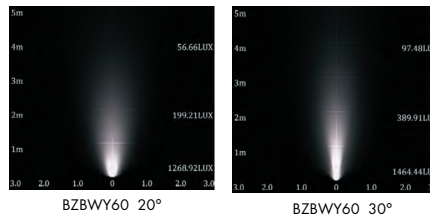
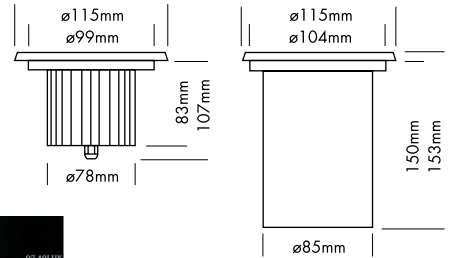
Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZFY60	white	3	3 Watt	3-3.5Watt	0.8 kg
BZFY30	warm white	3	3 Watt	3-3.5Watt	0.8 kg

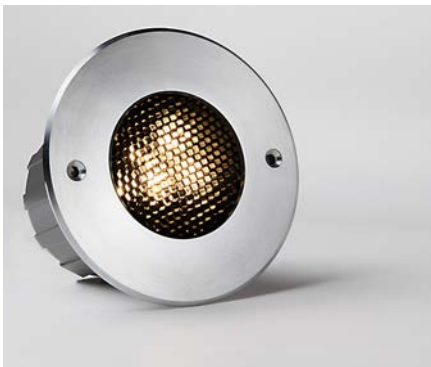
Actual power consumption

INGROUND 3 JUNIOR AG SCHWENKBAR / SWIVEL



IASPL INGROUND 3 JUNIOR AG SWIVEL is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Due to the swivel function the light beam can be tilted by +/- 30°. The built in anti glare grid reduces the glare effect.

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



Technical Data

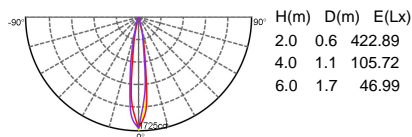
IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 6 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 600 kg, $\varnothing 30$ mm = 900 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 1,0 mm ² to open wires
Operating temperature:	-10° C till +45° C range:



Photometric Data

LED type:	OSRAM 1 Watt high power	
Luminous flux:	white	330 Lumen
	warm white	170 Lumen
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	70+
	warm white	80+
Beam angle:	20°	

OSRAM LED 3W 20°



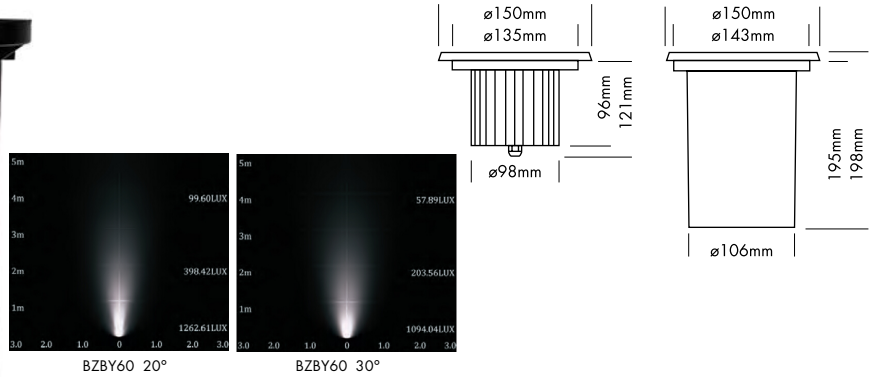
Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZBWY60	white	3	3 Watt	3-3.5Watt	0.8 kg
BZBWY30	warm white	3	3 Watt	3-3.5Watt	0.8 kg

Actual power consumption

INGROUND 3 SCHWENKBAR / SWIVEL



IASPL INGROUND 3 SWIVEL is designed for floor or ceiling integration and offers various design possibilities in architectural illumination. Due to the swivel function the light beam can be tilted by +/- 30°.

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

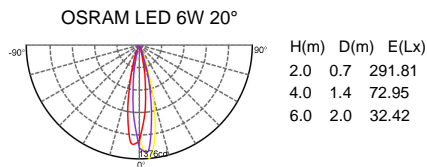
Technical Data

IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
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 ² to open wires

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

Photometric Data

LED type:	OSRAM 2 Watt high power	
Luminous flux:	white	360 Lumen
	warm white	310 Lumen
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	6° 13° 20° 30°	



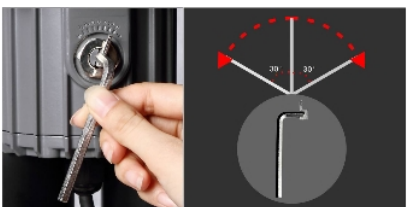
Product Type

IES is available

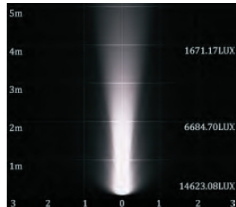
order code	colour	LED pcs	LED power	Power consumption*	weight
BZBY60	white	3	6 Watt	5-6 Watt	1.2 kg
BZBY30	warm white	3	6 Watt	5-6 Watt	1.2 kg

Actual power consumption

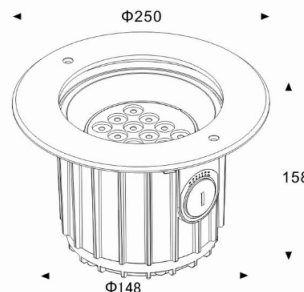
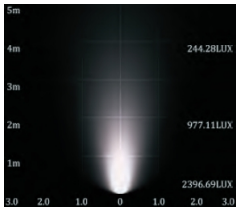
INGROUND ADJUSTABLE BEAM - 2R



BZBL30 6°



BZBL30 30°



IASPL INGROUND ADJUSTABLE BEAM - 2R series is designed for floor or ceiling integration and offers various design possibilities in architectural illumination.

- 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 = 500 kg, $\varnothing 30$ mm = 900 kg, $\varnothing 60$ mm = 1200 kg
Electrical connection:	1x cable 0,5 m H05RN-F 4x 0,75 mm ² to open wires

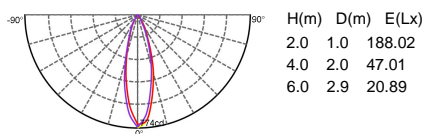
Operating temperature range: -10° C till +45° C

Photometric Data

LED type:	OSRAM LEDs 1,5 Watt	
Luminous flux:	red	80 Lumen
	green	200 Lumen
	blue	40 Lumen
	r+g+b (white)	320 Lumen
Wave length:	red	621 nm
	green	523 nm
	blue	464 nm

Beam angle: 6° 13° 25° 30°

OSRAM LED 18W 30°



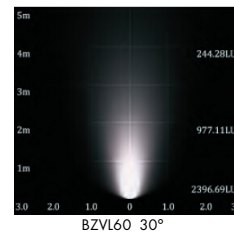
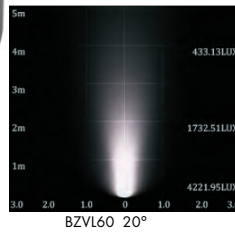
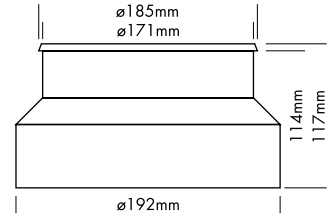
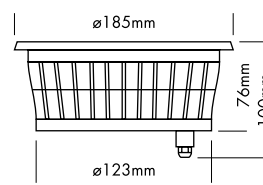
Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption*	weight
BZBL60	white	12	18 Watt	20 Watt	2.5 kg
BZBL30	warmwhite	12	18 Watt	20 Watt	2.5 kg

Actual power consumption

INGROUND 12 MONO



IASPL INGROUND 12 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 RGB MULTI power supplies/ controller
- incl. PVC plastic mounting sleeve

Technical Data

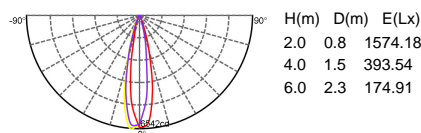
IP classification:	IP67 (for outdoor use)
Power source:	24 VDC
Ring:	stainless steel 316
Housing:	powder coated aluminium grey 8 mm tempered glass
Mounting sleeve:	PVC plastic
Load capacity:	exert force area of $\varnothing 10$ mm = 500 kg, $\varnothing 30$ mm = 900 kg, $\varnothing 60$ mm = 1200 kg
Electrical connection:	1x cable 0,5 m H05RN-F 2x 0,75 mm ² to open wires

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

Photometric Data

LED type:	OSRAM 2 Watt high power	
Luminous flux:	white	780 Lumen per m
	warm white	700 Lumen per m
Colour temperature:	white	5500-6500 K
	warm white	2700-3500 K
CRI:	white	80+
	warm white	80+
Beam angle:	13° and 30°	

OSRAM LED 18W 30°



Product Type

IES is available

order code	colour	LED pcs	LED power	Power consumption *	weight
BZVL60	white	12	18 Watt	17-19 Watt	2,3 kg
BZVL30	warm white	12	18 Watt	17-19 Watt	3,8 kg

Actual power consumption