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4.0108 Recessed spotlight

Up to 875 lumen light intensity



1:1 scale

Description

- Luminaire from the HIRO Inground series
- Protection class IP68 (up to 20 m water depth) – protection against flooding
- Protection class IP69 (up to 80°C) – protection against high pressure and high jet water temperatures
- Impact resistance IK11
- Static load capacity 10kN (1,000 kg)
- CapStop™ system against moisture and water drops inside the luminaire
- Luminaire entirely made of stainless steel 316Ti 1.4571, electropolished
- Round or square attachment cover, height 3 mm
- Tempered safety glass (ESG)

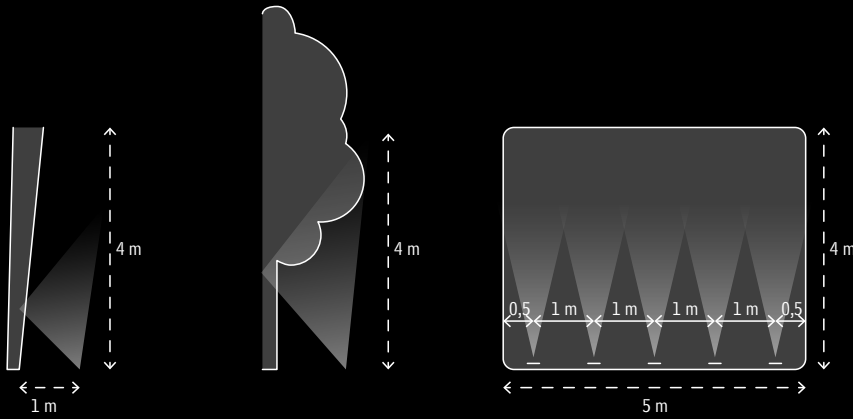
- POW-LED cold white, warm white, neutral white, extra warm white (230 V)
- Multichip POW-LED RGB-W or Amber (operating mode: constant current)
- Rotationally symmetric light distribution
- DALI-2 compatible (via external)
- LED unit can be swivelled plus 20° (factory-set)
- Luminaire can be rotated 350° in the installation sleeve
- Optimised glare control with light-absorbing matt black interior (optionally matt white)
- Max. surface temperature on the luminaire: 50°C
- Max. permissible ambient temperature: 40°C

- (Mono) Integrated power supply unit
- (RGB-W) External controller (to be ordered separately)
- (Mono) Supplied with 1.0 m connected cable (H07RN-F)
- (RGB-W) Supplied with 5.0 m connected UW cable
- Innovative installation housing set made of stainless steel 304L (to be ordered separately)

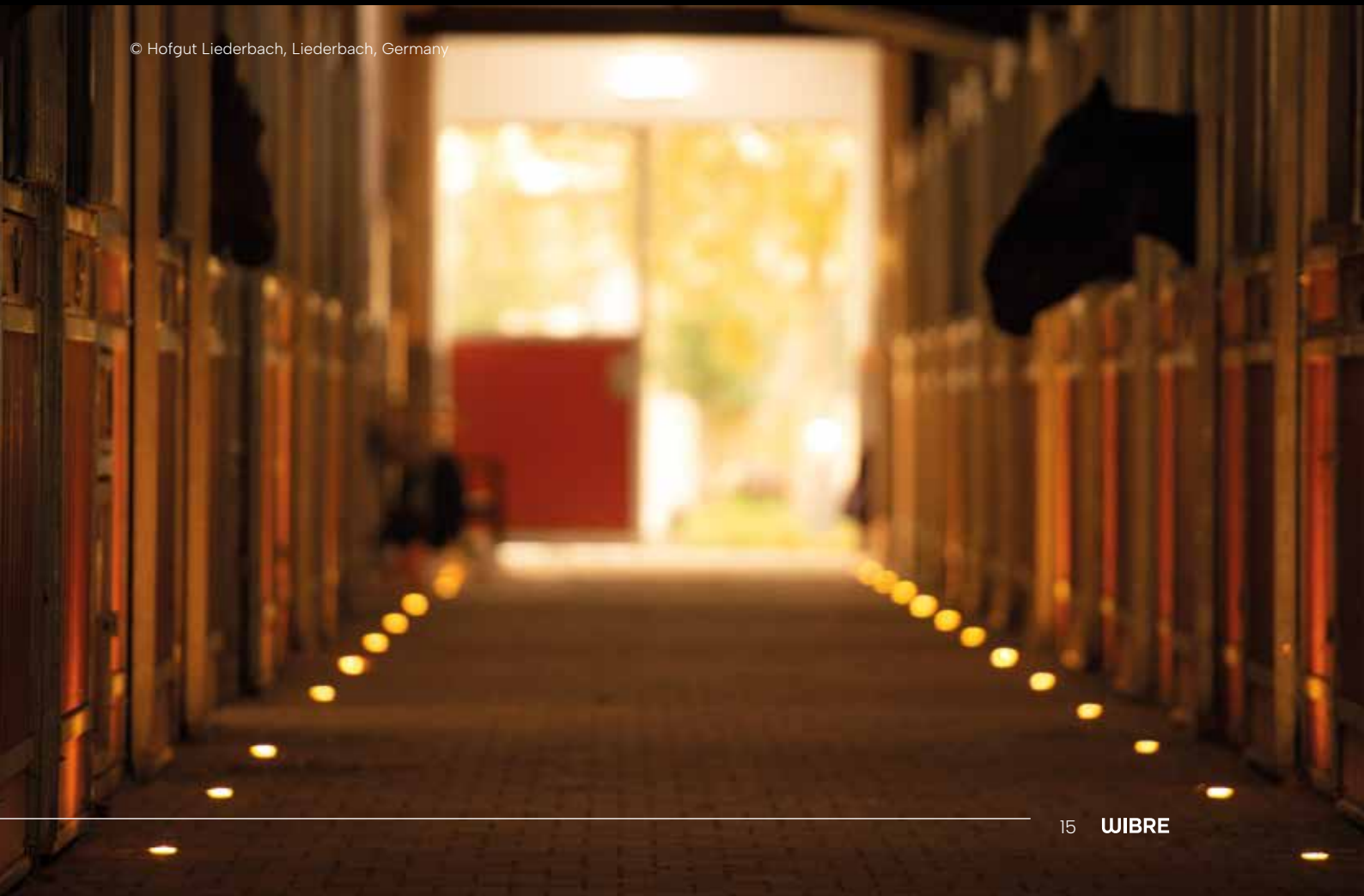
4.0108

Typical applications

To illuminate façades and walls, the luminaires are installed at a distance of around 1 metre. Objects, such as sculptures and trees, are illuminated in a targeted manner using the swivelling LED unit up to a height of 4 metres.

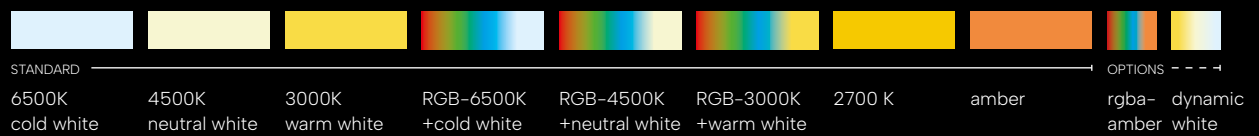


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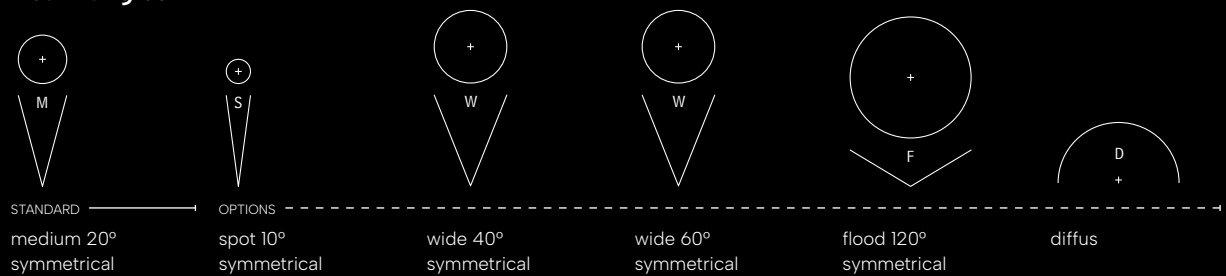


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Colour temperatures



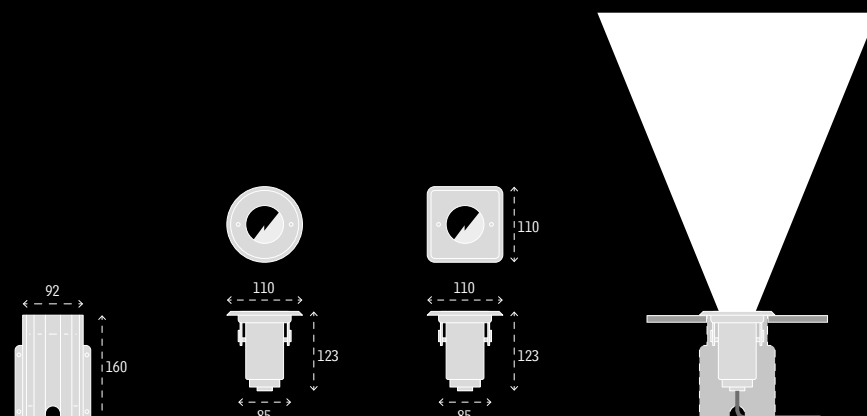
Beam angles



Additional parts

					
9.0108.00.20	9.0108.00.50	9.0108.00.51	50.40108.0003	9.0108.00.30	9.9012.00.01
Additional disc, frosted	anti-glare louvre	anti-glare louvre	Anti-skid coating	Interior cover, matt white	Junction box
für 4.0108, for softer light distribution (light loss approx. -8%)	for 4.0108 glare-free light at a distance from 1 m around the luminaire (360 degrees) light loss 3 % ideal for installation with all-round access to reduce glare for passers-by internal, black	for 4.0108 glare-free light at a distance from 0,80m in front and beside the luminaire (180 degrees) light loss 8 % ideal for installation in front of façades or similar to reduce glare for passers-by internal, black	Highest anti-slip class R13	for 4.0108, as an alternative to the standard black cover	Set with 1 junction box IP68 Encapsulation kit for HIRO series Suitable for installation housing 4.0208/4.0298 and next to installation housing 4.0108 88 x 88 x 50 mm Plastic
					9.9012.00.02
					Set with 2 junction boxes

Dimensions



4.0108



IP68 IP69	IK11	1.0t	STAINLESS STEEL V4A 1.4571 316Ti	2.700 K 3.000 K 4.500 K 6.500 K	230 V	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	ta max 40°C	CAP STOP	↑ ↓	CE
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Monochrome illumination

Cover	Article	Color	Lumen	Specifications	Control gear	Details
Round Cover	4.0108.20.11	6.500K cold white	875 lm	LED 1 POW-LED	Inclusive (230 V)	→ www
	4.0108.20.12	3.000K warm white	710 lm	Watt total 6 W		
	4.0108.20.13	4.500K neutral white	760 lm	Power 230 V		
	4.0108.20.18	2.700K extra warm white	700 lm	Beam 20° medium		
	4.0108.40.11	6.500K cold white	875 lm	Cable H07RN-F, 3x1,0 qmm		
Square Cover	4.0108.40.12	3.000K warm white	710 lm			
	4.0108.40.13	4.500K neutral white	760 lm			
	4.0108.40.18	2.700K extra warm white	700 lm			

Dynamic illumination

Cover	Article	Color	Lumen	Specifications	Control gear	Details
Round Cover	4.0108.20.41	RGB-CW cold white 6.500K	CW: 240 lm	LED 1 Multichip POW-LED	5.0670.79.52 max 6	→ www
	4.0108.20.42	RGB-WW warm white 3.000K	WW: 210 lm	Watt all on 8,5 W		
	4.0108.20.43	RGB-NW neutral white 4.500K	NW: 225 lm	Power CC 700 mA, max 3,5 V-DC		
	4.0108.20.24	Amber	390 lm	Beam 20° medium		
	4.0108.40.41	RGB-CW cold white 6.500K	CW: 240 lm	Cable UW, 10x0,25 qmm		
Square Cover	4.0108.40.42	RGB-WW warm white 3.000K	WW: 210 lm			
	4.0108.40.43	RGB-NW neutral white 4.500K	NW: 225 lm			
	4.0108.40.24	Amber	390 lm			

Installation housings

4.0108.01.00	9.0108.00.10	95.40108.0001
Installation housing made of stainless steel 304L, for installation of HIRO series luminaires in loose or solid surfaces	Mounting kit optional for installation sleeve 4.0108, consisting of 4 floor retaining clips, For fixing the installation housing to the ground	Protective cover optional for installation sleeve 4.0108, Material chipboard water resistant, for closing the installation housing during the construction phase

Notes

The connection of the luminaire must comply with protection class IP68

When installing the light, any national standards must be observed

The light source of this luminaire may only be replaced by the manufacturer or a service technician authorised by the manufacturer or a similarly qualified person

To avoid hazards, a damaged outer flexible cable of this light may only be replaced by the manufacturer, its service agent or a comparable specialist

The separately available mounting kit is recommended for adjacent compaction of the substrate (e.g. with a vibrating plate)