

Recessed spotlight

4.0197

The powerful high-quality spotlight made of solid stainless steel is fit for urban spaces. Thanks to its durable waterproofing, it illuminates public spaces and outdoor areas with continuous reliability. Twelve power LEDs generate such high luminous intensity that even facades up to ten metres high can be illuminated. Thanks to many options for spreading angles, accent lighting is just as possible as large-scale illumination.

1:1 SCALE



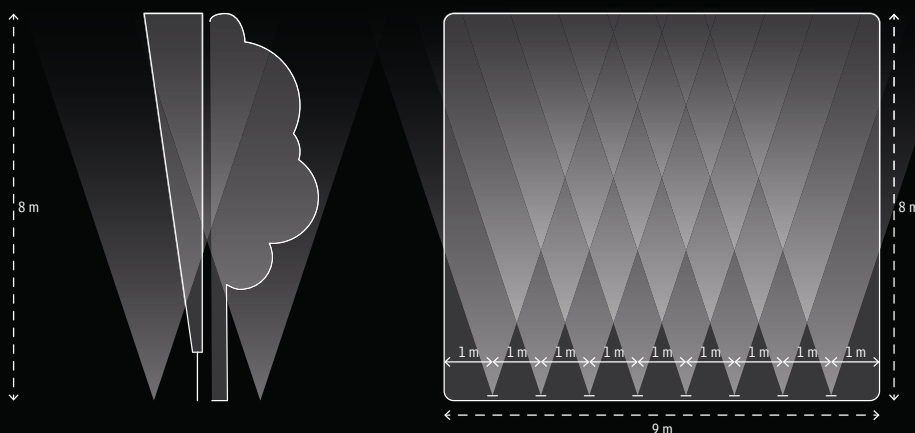
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Up to 1980 lumen – Optimal for architectural lighting

- Protection class IP67
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Entirely made of stainless steel 316Ti 1.4571
- Flush-mounted cover, round and square cover, height 5 mm
- ...
- Operating mode: constant current
 - POW-LED cold white, warm white, neutral white, CC
 - POW-LED RGB
- Operating mode: constant voltage
 - POW-LED cold white, warm white, neutral white, CV
- Rotation-symmetric light distribution
- ...
- Temperature-resistant silicon seal
- Toughened safety glass (ESG) – withstands loads of up to 1500 kg
- Cable gland PG13,5, nickel-plated brass

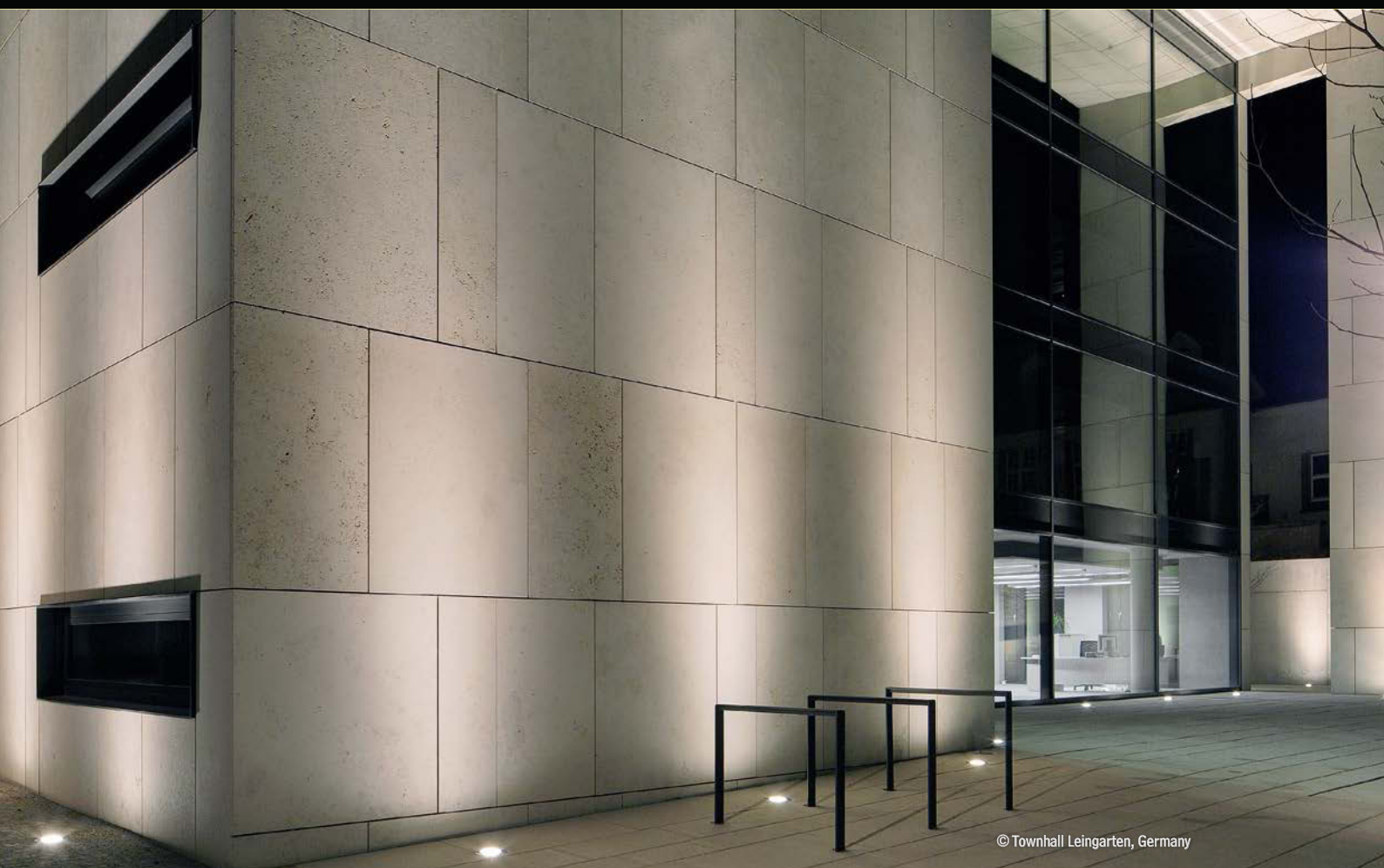
Typical applications

For full-surface illumination of facades, the luminaires are arranged at a distance of about 1 metre and 0.5 metres from the wall. Objects, such as monuments and trees, are illuminated symmetrically from the ground up to a height of 8-10 metres. For orientation lighting, the use of frosted glass discs or anti-glare louvres is recommended, and anti-slip glass in public areas with pedestrian traffic.





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Partner: ESZET Lighting B.V.
Photo: Henk Merjenburgh



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Colour temperatures

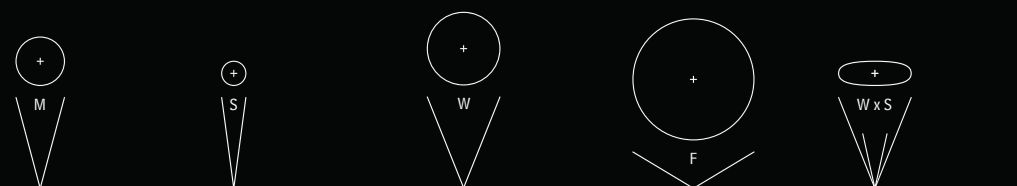


STANDARD				RGB
6000K cold white	4500K neutral white	3000K warm white		

Notes

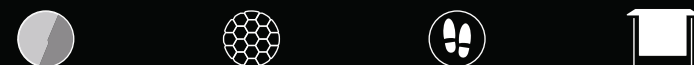
- Protection class IP68 (fully ready for operation with light source and cables)
- 12 V-DC dimmable with dimming module 5.0690.03.15. Note: Other cable to the spotlight is required. Requires further agreements.
- In case of use of an housing, cable gland must be mounted on the ground. (Please state!)
- In public areas we recommend using a non-slip glass. See accessories.

Beam angles



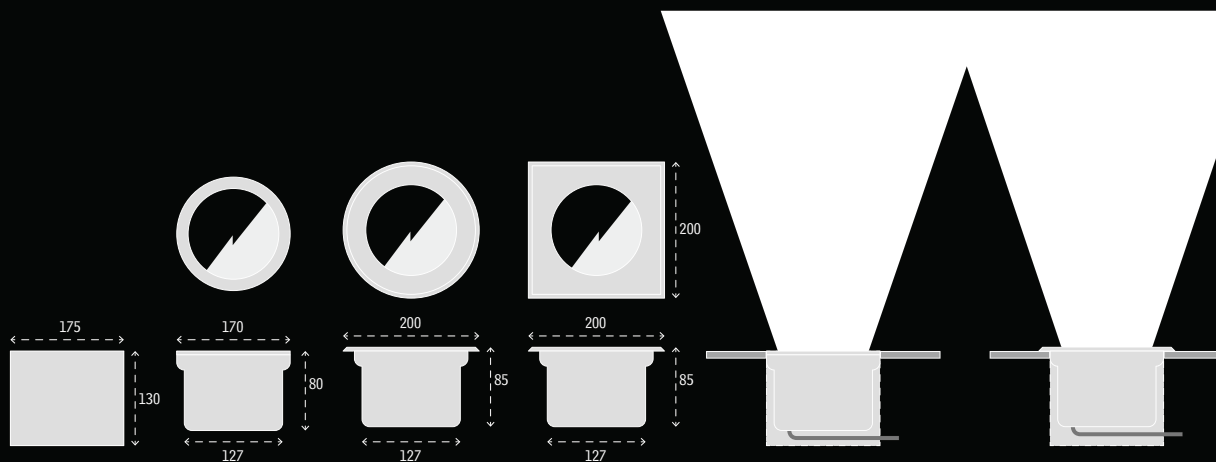
STANDARD	OPTIONS			
medium 30° symmetrical	spot 10° symmetrical	wide 45° symmetrical	flood ≈120° symmetrical	wide x spot 45x15° elliptical

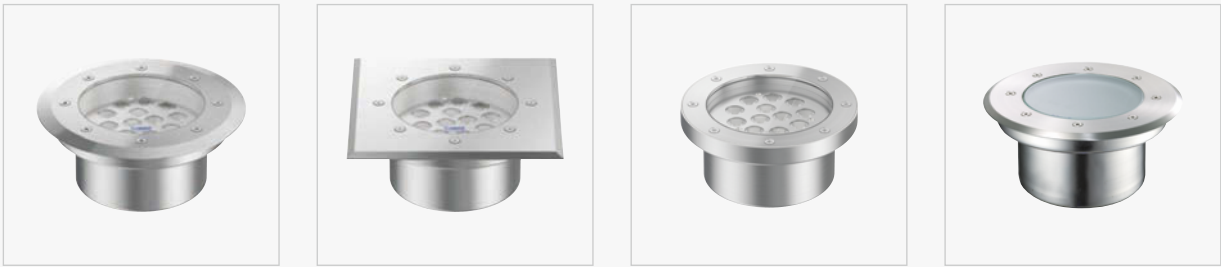
Additional parts



OPTIONS			
glass disc, frosted for softer light distribution (light loss approx. ~15%) 4.0066.01.00	anti-glare louvre black, for POW-LED 4.0003.02.02	Anti-skid coating 4.0066.02.00	Installation housing out of 316Ti stainless steel 4.0197.10.95

Dimensions





IP67 IP69	IK11	STAINLESS STEEL V4A 1.4571 316Ti	3.000 K 4.500 K 6.000 K	RGB	CONSTANT CURRENT CONSTANT VOLTAGE	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	1.5t	↑	↓	↔	↔	⊙	CE
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Monochrome illumination

350 mA series connection

Cover	#	Color	Lumen	Specifications		Control gear	Details
Flush cover	4.0197.10.01	6000K cold white	1980 lm	LED	12 POW-LED	5.0635.00.36 max 3	→ 214
	4.0197.10.02	3000K warm white	1620 lm	WATT	total 15 W	5.0635.03.30 max 1*	
	4.0197.10.03	4500K neutral white	1860 lm	POWER	CC 350 mA	5.0635.03.31 max 1*	
Round Cover	4.0197.20.01	6000K cold white	1980 lm	BEAM	30° medium		
	4.0197.20.02	3000K warm white	1620 lm	CABLE	UW, 2x1,5 qmm		
	4.0197.20.03	4500K neutral white	1860 lm	TEMP.	< 40°C		
Square Cover	4.0197.40.01	6000K cold white	1980 lm				
	4.0197.40.02	3000K warm white	1620 lm				
	4.0197.40.03	4500K neutral white	1860 lm				

12 V-DC parallel connection

Cover	#	Color	Lumen	Specifications		Control gear	Details
Flush cover	4.0197.10.61	6000K cold white	1980 lm	LED	12 POW-LED	5.0600.65.61 max 3	→ 214
	4.0197.10.62	3000K warm white	1620 lm	WATT	total 15 W	5.0600.65.12 max 9	
	4.0197.10.63	4500K neutral white	1860 lm	POWER	CV 12 V-DC		
Round Cover	4.0197.20.61	6000K cold white	1980 lm	BEAM	30° medium		
	4.0197.20.62	3000K warm white	1620 lm	CABLE	UW, 2x1,5 qmm		
	4.0197.20.63	4500K neutral white	1860 lm	TEMP.	< 40°		
Square Cover	4.0197.40.61	6000K cold white	1980 lm				
	4.0197.40.62	3000K warm white	1620 lm				
	4.0197.40.63	4500K neutral white	1860 lm				

Dynamic illumination

Cover	#	Color	Lumen	Specifications		Control gear	Details
Flush cover	4.0197.10.09	RGB		LED	12 POW-LED	5.0635.09.50 max 3	→ 220
Round Cover	4.0197.20.09	RGB		WATT	all on 19 W		
Square Cover	4.0197.40.09	RGB		POWER	CC 350 mA		
				BEAM	30° medium		
				CABLE	UW, 6x1,0 + 2x0,5 qmm		
				TEMP.	< 40°C		

*Only for areas without people inside the water