

we-ef

WE-EF LEUCHTEN
General Catalogue
European Edition
2016–2018



IOS® Beam distributions for underwater floodlights

- [M] medium beam, symmetric
- [EE] very narrow beam, symmetric

Underwater floodlights



ULC200 LED

14



ACCESSORIES

■ Electrical

16

■ Optical

16

ULC200 SERIES

Underwater floodlight, medium or very narrow beam distribution.

IP68 (up to 10 m). ULC210: Class III. IK09. ULC230: Class I. IK10. Body, lens frame constructed in stainless steel, PCS hardware. Safety glass lens. Silicone rubber gasket.

Factory sealed termination chamber complete with 10 m of flexible PVC free cable.

IP68 in-line connector.

Factory installed LED circuit board. LED boards can be easily removed for upgrading.

PMMA LED lens array.

Suitable for continuously submerged applications in all types of pools, including saltwater.

Installation and operation of these floodlights are subject to national electrical and safety regulations for underwater lighting.

Light source

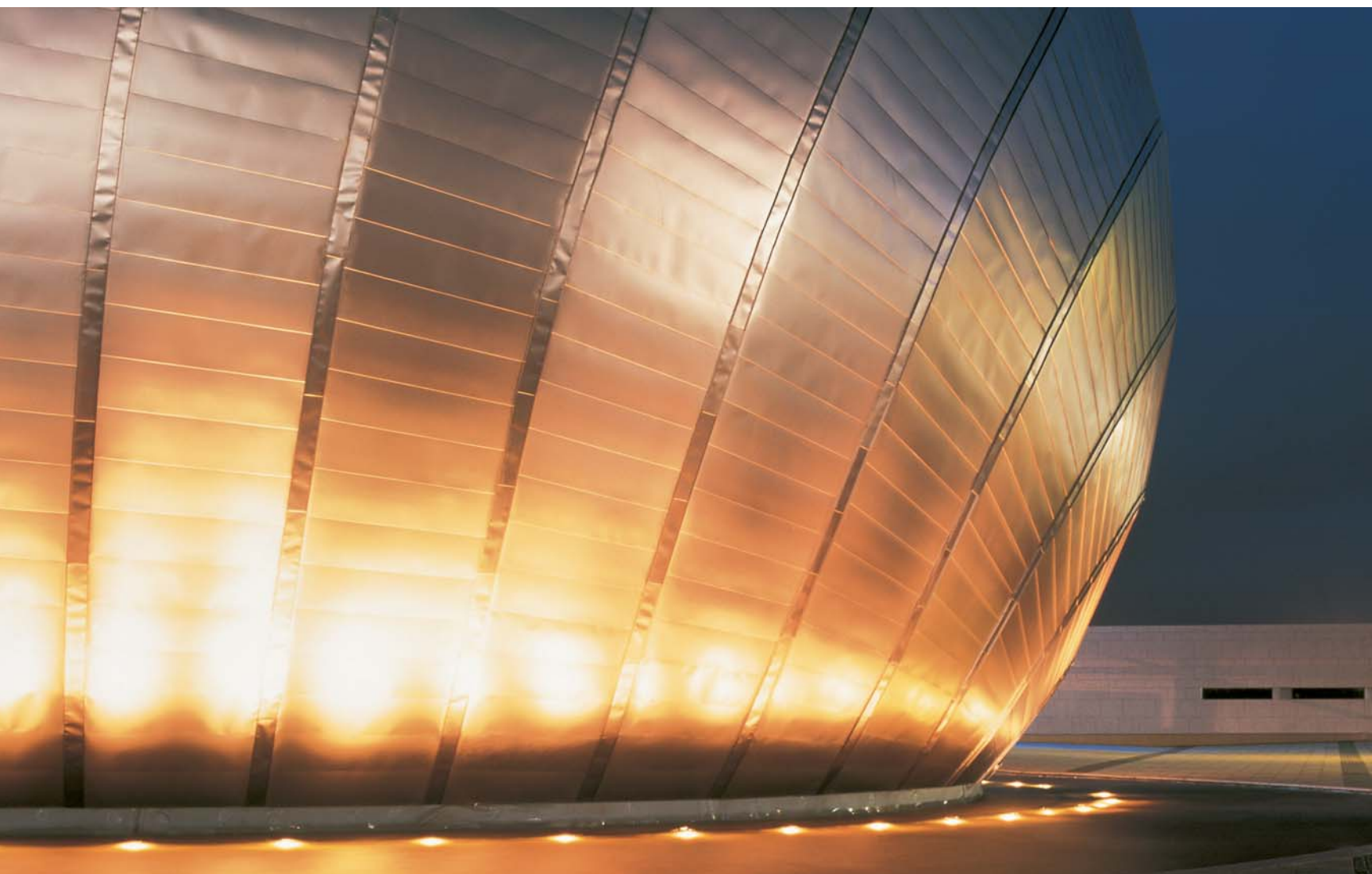
LED 2-24 W, 3000 K,
for 4000 K refer to www.we-ef.com

Light distributions

[M] [EE]

Accessories

- Electrical, page 16
- Optical, page 16





[M] [EE]

[M] Medium beam distribution, symmetric
 [EE] Very narrow beam distribution, symmetric

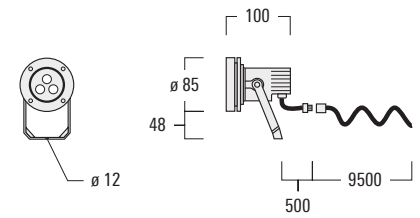


[M]	Part ID	Light source	K	lm*	cd/klm	C ₀ C ₁₈₀	kg
ULC210**	139-1678	1 LED 2W / 24V AC/DC	3000	200	2119	16°/16°	1.1
	139-1686	3 LED 3W / 24V AC/DC	3000	404	1552	21°/21°	1.1
ULC230	139-1634	12 LED 24W / 230V	3000	2951	2196	16°/16°	5.8

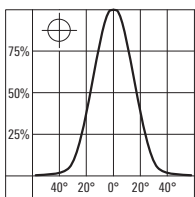
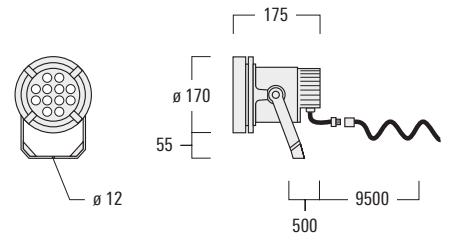
[EE]	Part ID	Light source	K	lm*	cd/klm	C ₀ C ₁₈₀	kg
ULC210**	139-1688	3 LED 3W / 24V AC/DC	3000	404	7076	7°/7°	1.1
ULC230	139-1768	12 LED 24W / 230V	3000	2951	7191	7°/7°	5.8

** Electronic converter required. To be ordered separately.

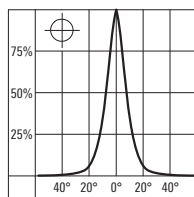
ULC210



ULC230



[M]



[EE]

* Nominal lumen output based on LED manufacturers data at 85°C T_J. For rated lumens at 25°C T_q and latest data refer to www.we-ef.com.

ELECTRICAL ACCESSORIES

Mains converter (230V / 24V)

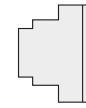
IP20, Class I. Mounting to 35 mm rail.

			A	B	C
for ULC210	400-0310	TVE-DC 24 V/12 W	90	61	18
	400-0311	TVE-DC 24 V/60 W	89	59	72

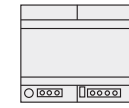
Magnetic transformer (230V / 24V)

IP65, Class II.

			A	B	C
for ULC210	185-2884	TVM-AC 24 V/20 W	137	63	120
	185-2885	TVM-AC 24 V/50 W	137	63	120



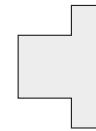
B



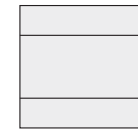
C

A

Mains converter



B



C

A

Magnetic transformer

OPTICAL ACCESSORIES

Internal Optical Accessories

	IO-360 Flood lens	IO-180 Linear spread lens
for ULC210	139-0837	139-0836
for ULC230	139-1115	139-1114

Color filter or colored LEDs on request



Veolia. Caluire (F). Lighting design: Pierre-Philippe Garde, Cobalt.