



RECESSED SPOTLIGHT 4.0291

UNDERWATER

IP68



- › New development
- › Equivalent replacement for halogen (400 W)
- › Up to 6900 lumen light intensity





4.0291 | RETROFIT-SPOTLIGHT

FOR RETROFITTING IN EXISTING SWIMMING POOLS WITH EXISTING WIBRE INSTALLATION HOUSING. AS RETROFIT FOR MANY OTHER BRANDS.

IP68

STAINLESS
STEEL V4A
1.4571
316Ti

POW-LED
INCL.

3.000 K
4.500 K
6.000 K
BLUE

RGB-W

12 V-DC

DIMM

CABLE
EXCL.

max 5m

CE

III



NEW

- Protection class IP68 – up to 5m water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 13 mm
- ...
- POW-LED white 12 V-DC
- POW-LED royal blue 12 V-DC
- Multichip POW-LED RGB-W 12 V-DC
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- ...
- Constant-current power source/RGB controller ordered separately
- Supplied without cable

+ ADDITIONAL PARTS

Special underwater cable
per m, 2 x 2,5 qmm, ø 8 mm
9.6150.02.25

Special underwater cable
per m, 1 x 4 + 4 x 1 qmm
9.6150.04.41

DMX-Dongle
load resistance 120 Ohm
5.0670.09.65

Fixation bracket
for built-in pot 4.0274 (Spotlight 4.0271, 4.0272, 4.0291)
9.0274.00.10

TIPP

mounting housing
plastic, IP65, with 2 in/1 out, transparent cover,
suitable for power supply 5.0630.01.12 and RGB-W Controller 5.0630.09.52
9.0630.65.12

★ PRODUCT LINE

4.0291.73 – Retrofit Saline
Recessed spotlights
(underwater)
> Page 26

4.0292 – Standard
Recessed spotlights
(underwater)
> Page 14

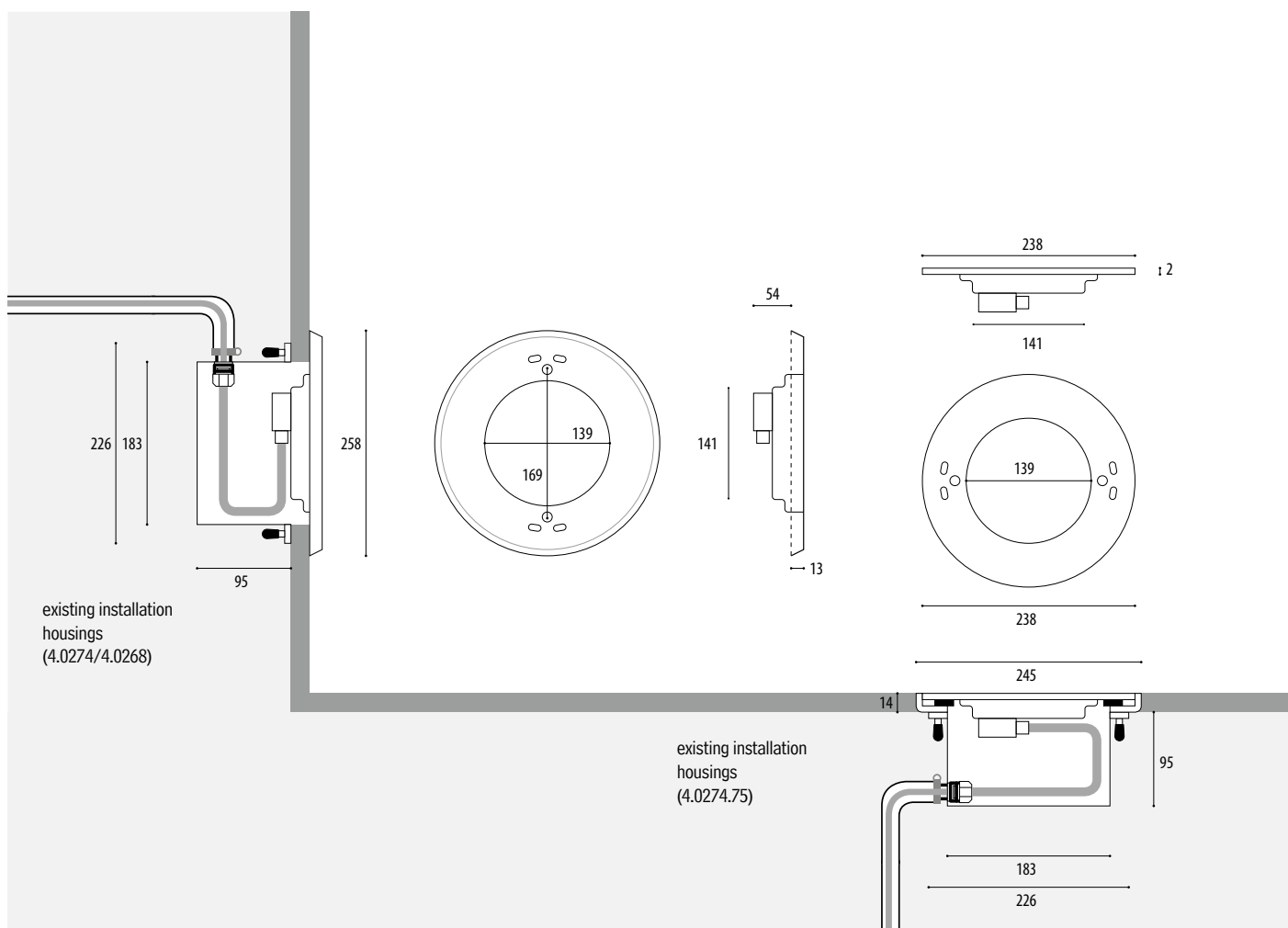
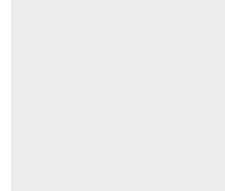
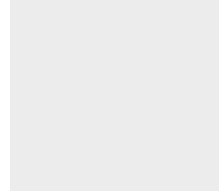
4.0292.73 – Standard Saline
Recessed spotlights
(underwater)
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Article number	Lamps	Lumen	Light colour	Wattage	V/mA	Radiation angle
ONLY UNDERWATER OPERATION						
STANDARD VERSION - RETROFIT INSTALLATION FOR INSTALLATION HOUSING 4.0274/4.0268						
4.0291.00.11	12 POW-LED cold white	6900 lm	6.000K	total 47 W	12 V-DC	asymmetrisch Mixflux
4.0291.00.12	12 POW-LED warm white	5640 lm	3.000K	total 47 W	12 V-DC	asymmetrisch Mixflux
4.0291.00.13	12 POW-LED neutral white	6036 lm	4.500K	total 47 W	12 V-DC	asymmetrisch Mixflux
4.0291.00.16	48 POW-LED royal blue (450 nm)		500mW/LED	total 49,5 W	12 V-DC	asymmetrisch Mixflux
4.0291.00.41	12 Multichip POW-LED RGB-CW	cold white: 2100 lm	6.000K	all on 75 W	12 V-DC	asymmetrisch Mixflux
FLUSH MOUNTED VERSION - RETROFIT INSTALLATION FOR INSTALLATION HOUSING 4.0274.75						
4.0291.75.11	12 POW-LED cold white	6900 lm	6.000K	total 47 W	12 V-DC	asymmetrisch Mixflux
4.0291.75.12	12 POW-LED warm white	5640 lm	3.000K	total 47 W	12 V-DC	asymmetrisch Mixflux
4.0291.75.13	12 POW-LED neutral white	6036 lm	4.500K	total 47 W	12 V-DC	asymmetrisch Mixflux
4.0291.75.16	48 POW-LED royal blue (450 nm)		500mW/LED	total 49,5 W	12 V-DC	asymmetrisch Mixflux
4.0291.75.41	12 Multichip POW-LED RGB-CW	cold white: 2100 lm	6.000K	all on 75 W	12 V-DC	asymmetrisch Mixflux



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< Project
Airporthotel Basel Mulhouse, France

! NOTE



Versions with plastic component for retrofit installations available. For wall installation or flexible use on the edge of the pool.



Spotlights without connected cable for simple retrofitting of halogen to POW LED with use of the existing 2-pin cable (Only monochrome, cross section min. 2x2.5qmm). The cable can be connected to the connection box without opening the spotlight. Always observe the separate manual instructions.

RGB-W

In case of retrofitting to RGB-W version, the cable must be replaced with a 5-pin special underwater cable (9.6150.04.41).



Existing transformers must be replaced by appropriate power supply units and RGB controllers.



Version for saline water see page 26

Power supplies Technical details see from page 222.

5.0630.01.12		5.0630.03.12	
5.0630.01.12	Power supply, dimmable,	5.0630.03.12	Power supply, dimmable,
5.0630.01.12	max 1 spotlights	5.0630.03.12	max 3 spotlights
5.0630.01.12		5.0630.03.12	
5.0630.09.52	RGB-W-Controller, max 1 spotlights		

5.0630.01.12		5.0630.03.12	
5.0630.01.12	Power supply, dimmable,	5.0630.03.12	Power supply, dimmable,
5.0630.01.12	max 1 spotlights	5.0630.03.12	max 3 spotlights
5.0630.01.12		5.0630.03.12	
5.0630.09.52	RGB-W-Controller, max 1 spotlights		

⚙️ OPTIONS

Possible beam angle POW-LED



POW-LED monochrome, single colour in green, red, amber, turquoise



Individual configuration of the LED multichips possible