

designplan®

WIBRE

IP68
LIGHTING
TOOLS

20
21

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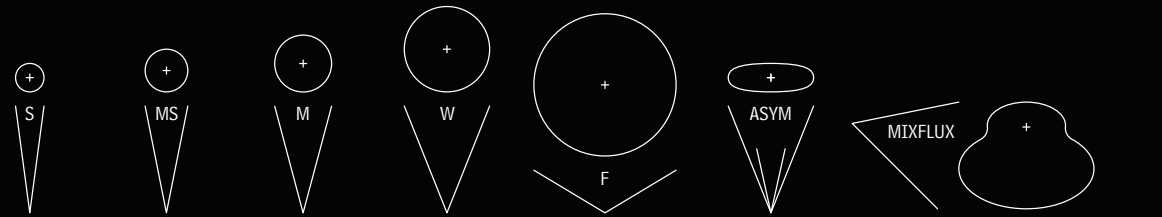
CONFIGURATION

LIGHT COLORS



6000K cold white	4500K neutral white	3000K warm white	royal blue	RGB-6000K + cold white	RGB-4500K + neutral white	RGB-3000K + warm white	dynamic white 3000-6000K	2700K extra warm white
The first choice when maximum light intensity is required. Used on stainless steel surfaces and tiles in cold tones such as blue.	In neutral colouring and pleasant to the eye. Used for a variety of surfaces such as white tiles or exposed concrete.	Creating a warm and sophisticated atmosphere. Used for surfaces in natural and earth tones.	Bold blue tone optimally transferred by the water. Emphasizes the element water. Ideal use for blue surfaces.	Dynamic lighting with unlimited possibilities. Providing for millions of colours as well as programmable colour changes. The additional white light colour intensifies the light and also serves as pure white monochrome illumination of the water. Ideal for use in fun pools, hotel pools, various trick fountains and colourful fountains.	Individual, inspiring adjustment of the white tones from cold to warm white. Use in areas of Human Centric Lighting (HCL).	Extremely warm, pleasant colour tone for a relaxed atmosphere of well-being. Used for surfaces in natural and earth tones.		

BEAM ANGLES



SPOT symmetrical	MEDIUM-SPOT symmetrical	MEDIUM symmetrical	WIDE symmetrical	FLOOD symmetrical	WIDE x SPOT asymmetric	MIXFLUX asymmetric
Emitting a very narrow beam. Providing a bundled, selective lighting.	Emitting a narrow beam. Providing an accentuating effective lighting.	Emitting a compact beam. Providing an individual powerful illumination.	Emitting a wide beam. Providing a wide, extensive illumination.	Emitting a very wide beam. Providing a wide and large-area illumination.	Emitting horizontal beam and narrow vertical beam. Providing a wide, horizontal illumination.	Specially developed light spreading characteristics for swimming pools. Providing a wide, non-glare illumination down to the pool floor.

ADDITIONAL PARTS



glass disc, frosted

For a softer distribution of light in the water. Resulting in smooth transition from light to shadow (light loss approx. -15%). Used to achieve a more homogeneous illumination of the water.



anti-glare louver

Providing non-glare, directed light. For use in areas with public access.

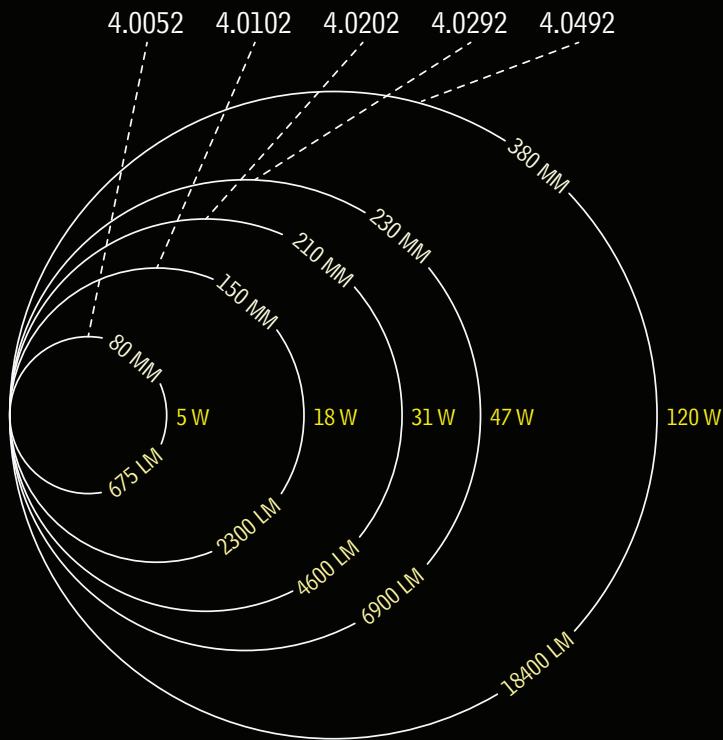
POWER SUPPLIES

Detailed technical information on the operating devices can be found in the main catalogue 2019 and at www.wibre.de.

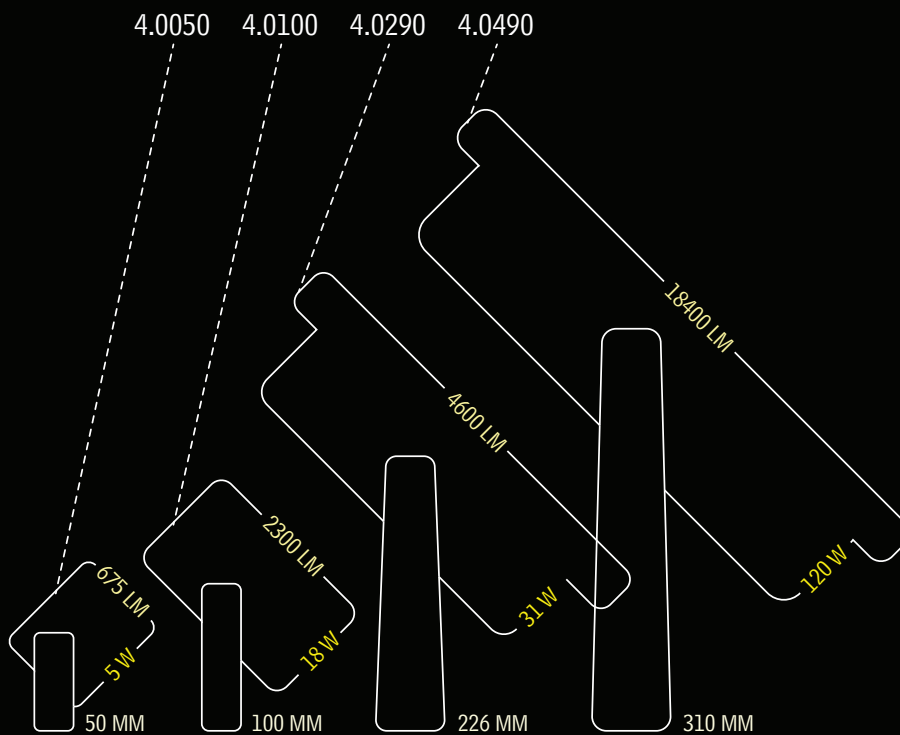
MAIN CATALOGUE

This brochure is solely intended as a supplement to the Main Catalogue 2019, which you can order from us and download at www.wibre.de.

COMPARISON RECESSED SPOTLIGHTS



COMPARISON SURFACE MOUNTED SPOTLIGHTS





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LIGHT UP YOUR
POOL AND WATER AREAS 07

LIGHT UP YOUR FOUNTAINS
AND WATERSIDE ARCHITECTURE 29

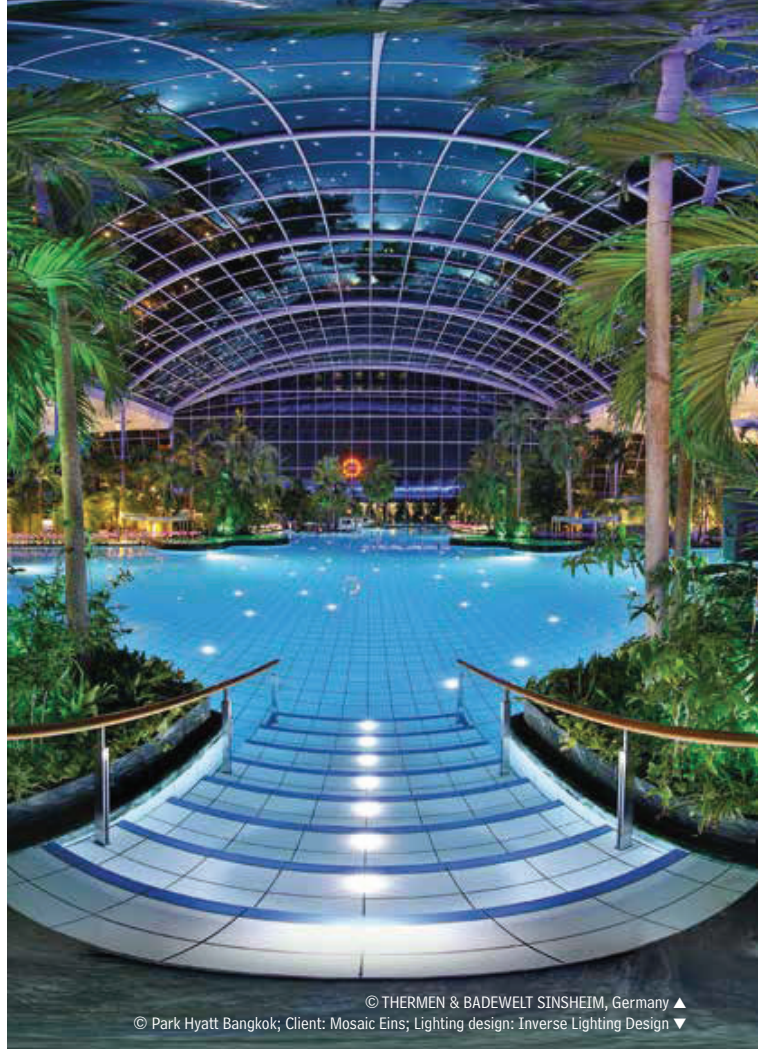
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LIGHT UP YOUR
POOL AND WATER AREAS →

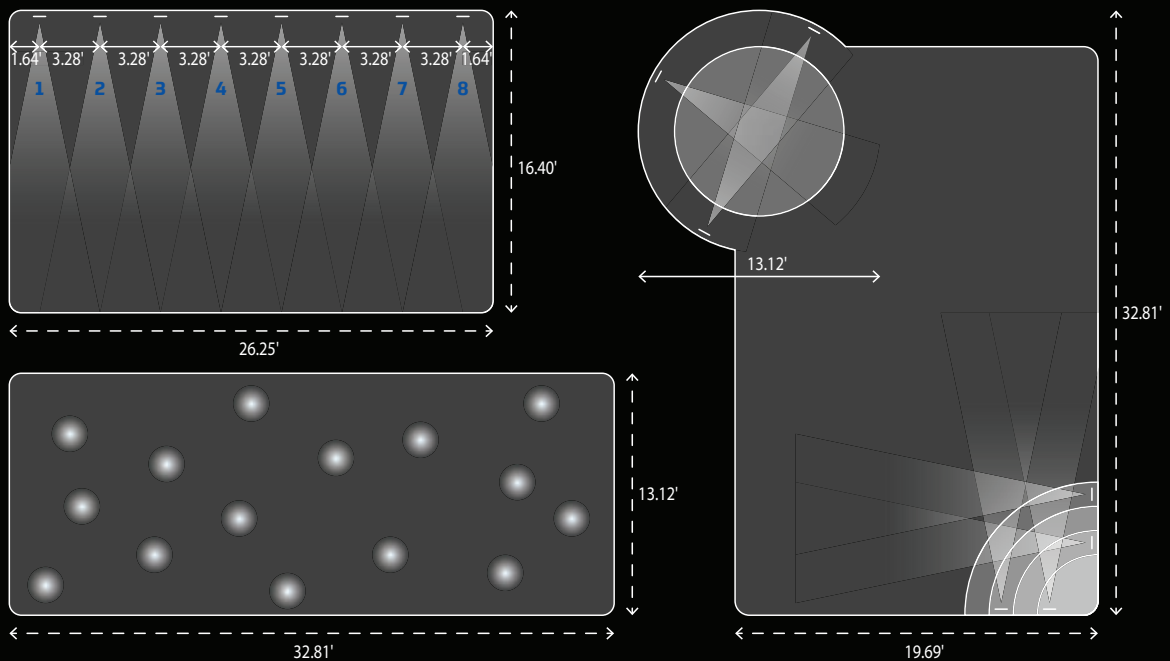
” UNBELIEVABLE VARIETY AND DESIGN POSSIBILITIES WITH A SMALL SPOTLIGHT.



© THERMEN & BADEWELT SINSHEIM, Germany ▲
 © Park Hyatt Bangkok; Client: Mosaic Eins; Lighting design: Inverse Lighting Design ▼



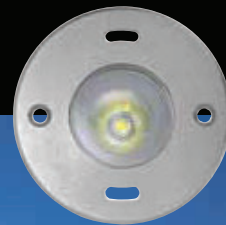
Individual effect lighting symmetrically as wall installation (recommendation: approximately one light per 1-meter pool length) or randomly placed as starry sky in the pool floor. Atmospheric stairs lighting and accentuation of pool sections are likewise possible.



4.0052 RECESSED-SPOTLIGHT

⚡ UP TO 675 LUMEN LIGHT INTENSITY
PERFECT FOR ACCENTUATION

- ☰ · Protection class IP68 – up to 16.40' water depth
- Entirely made of stainless steel 316Ti 1.4571
- Round attachment cover, made of stainless steel 316Ti, height 0.08"
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- operating mode: constant current
- Rotationally symmetric light distribution
- ...
- Cable pressure sleeve, stainless steel 316Ti
- Constant-current power source/RGB-W-controller external
- Installation housing made of stainless steel 316Ti with 4.92' cable protection tube
- Supplied with lamp and 9.84' of underwater cable



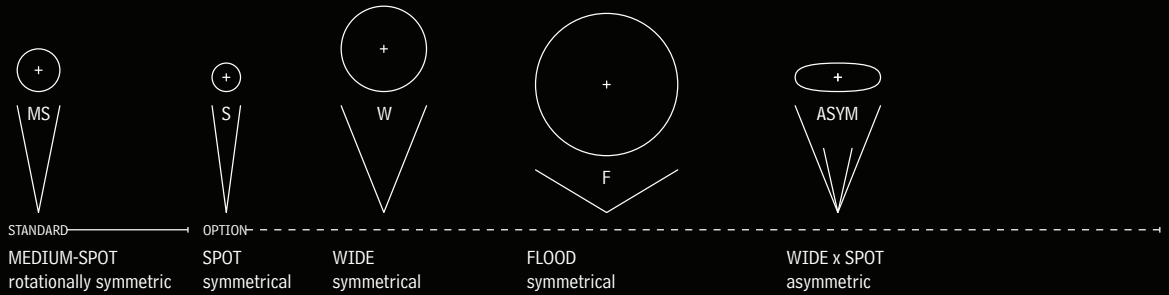
4.0052 RECESSED-SPOTLIGHT

[+] CONFIGURATION

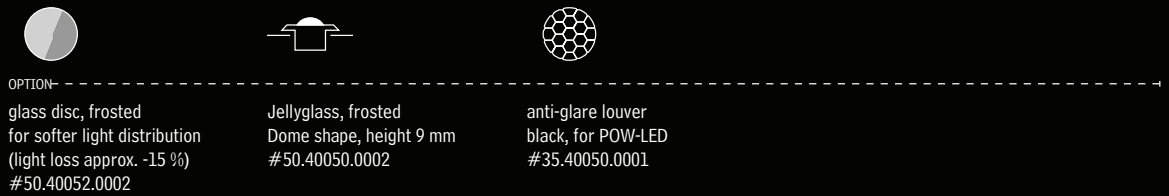
LIGHT COLORS



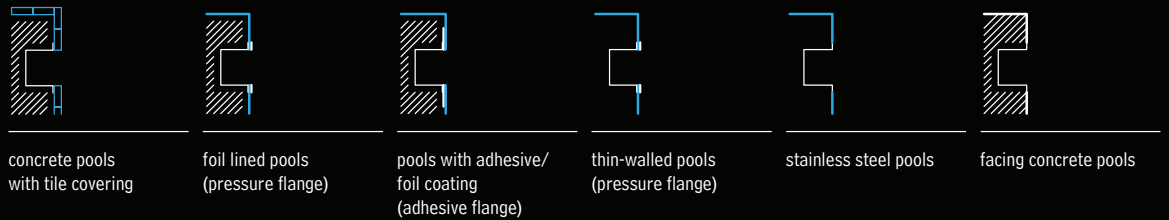
BEAM ANGLES



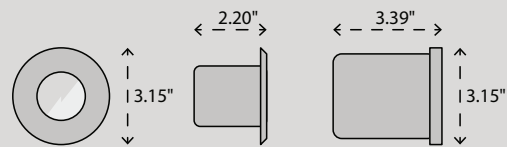
ADDITIONAL PARTS



INSTALLATION TYPES

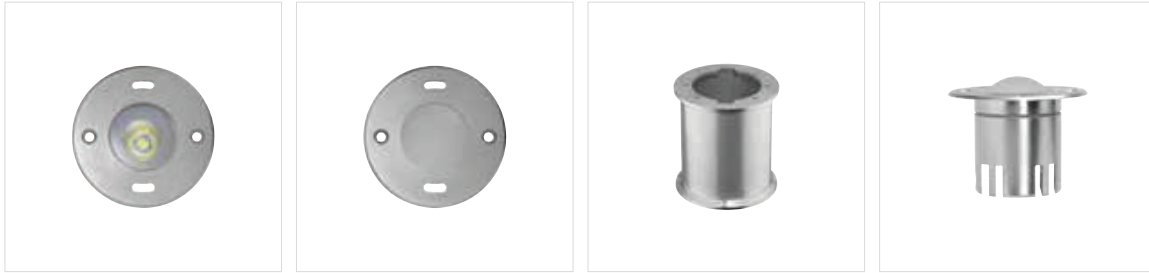


[+] DIMENSIONS



4.0052 RECESSED-SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3000K 4500K 6000K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STRÖM	CABLE INCL.	max 16.40'				CE	
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MONOCHROME ILLUMINATION

#	4.0052.20.11	#	4.0052.20.12	#	4.0052.20.13
COLOR	6.000K cold white	COLOR	3.000K warm white	COLOR	4.500K neutral white
LED	1 POW-LED	LED	1 POW-LED	LED	1 POW-LED
LUMEN	675 lm	LUMEN	540 lm	LUMEN	575 lm
WATT	total 5 W	WATT	total 5 W	WATT	total 5 W
POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC
BEAM	25° medium-spot	BEAM	25° medium-spot	BEAM	25° medium-spot
CABLE	UW, 2x0.5 qmm	CABLE	UW, 2x0.5 qmm	CABLE	UW, 2x0.5 qmm
CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3	CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3	CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3

DYNAMIC ILLUMINATION

#	4.0052.20.41	#	4.0052.20.42	#	4.0052.20.43	#	4.0052.20.80
COLOR	RGB-CW cold white 6000K	COLOR	RGB-VW warm white 3000K	COLOR	RGB-NW neutral white 4500K	COLOR	3000K-6000K dynamic white
LED	1 Multichip POW-LED	LED	1 Multichip POW-LED	LED	1 Multichip POW-LED	LED	1 Multichip POW-LED
LUMEN	cold white: 145 lm	LUMEN	warm white: 125 lm	LUMEN	neutral white: 135 lm	LUMEN	250-290 lm
WATT	all on 4 W	WATT	all on 4 W	WATT	all on 4 W	WATT	all on 4 W
POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC
BEAM	25° medium-spot	BEAM	25° medium-spot	BEAM	25° medium-spot	BEAM	25° medium-spot
CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)

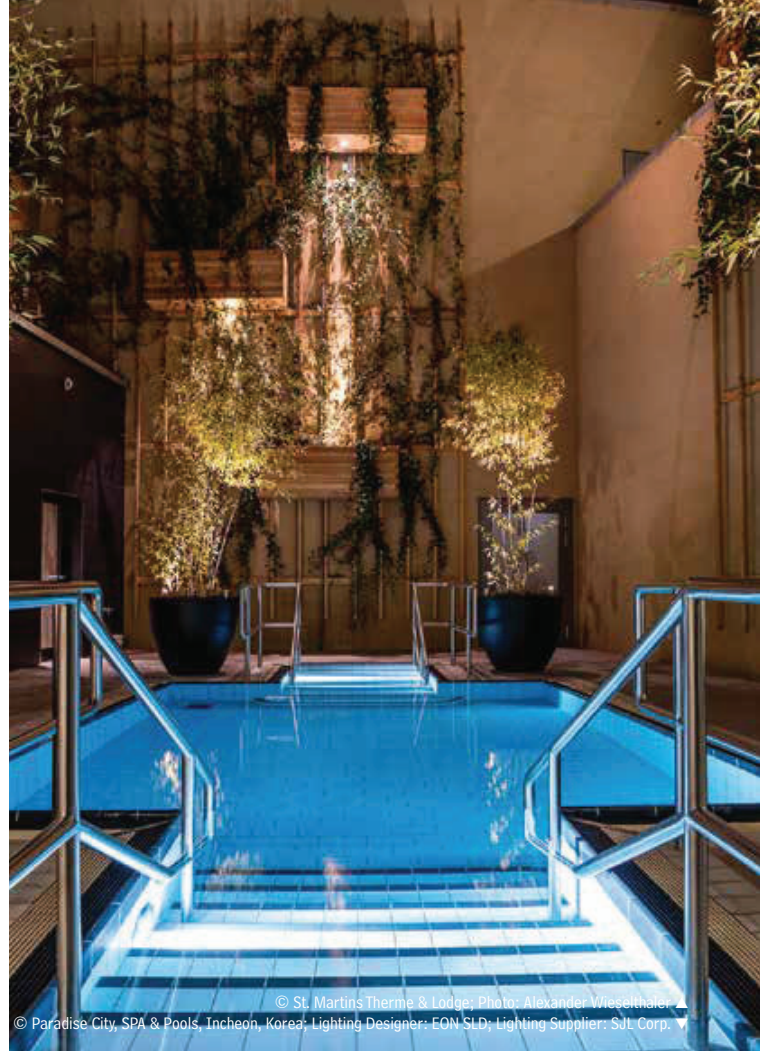
INSTALLATION HOUSINGS

#	4.0052.01.00	#	4.0052.02.00	#	4.0052.03.00	#	4.0052.05.00
	made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for wall installation, for welding into stainless steel pools and for installation in concrete pools with tile covering (Flange Ø3.15")		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for wall installation, for installation in thin-walled pools and foil lined pools (pressure flange Ø3.31")		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for wall installation, for installation in pools with adhesive/foil coating (adhesive flange Ø5.91")		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in the ground up to water depth 4.27', for welding into stainless steel pools and for installation in concrete pools with tile covering (Housing depth 4.33", base plate ø 4.72" with fixing/alignment possibility, flange Ø3.15")

USE IN SALT WATER

This spotlight is also available as a salt-water version. Spotlights for salty water (with a saltwater concentration of up to 3.5 %) are made of special V4A stainless steel 904L (1.4539).

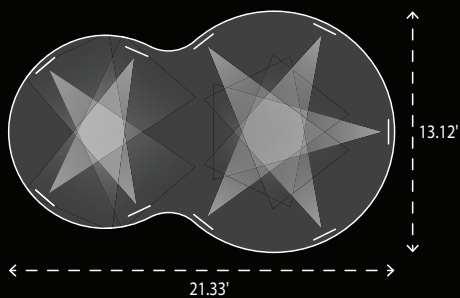
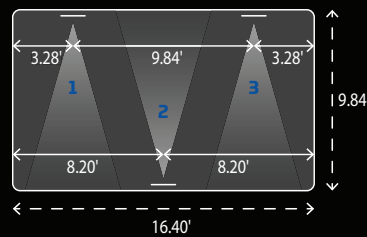
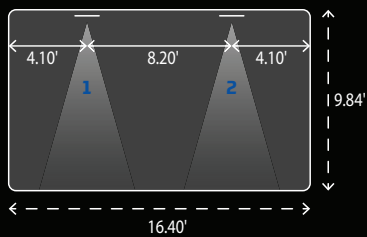
” PERFECTION
IN DESIGN AND
FUNCTIONALITY -
WITHOUT
IFS AND BUTS.



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© Paradise City, SPA & Pools, Incheon, Korea; Lighting Designer: EON SLD; Lighting Supplier: SdL Corp. ▼

≈ TYPICAL APPLICATIONS

For pools up to 10 or 13 feet wide, choose a single-sided arrangement or offset positioning of the spotlights on both sides. This luminaire allows for individual design - one spotlight is recommended for every 6.5 feet of pool length. Organically shaped pools show the best effect with an even arrangement.



4.0102 RECESSED-SPOTLIGHT

⚡ UP TO 2300 LUMEN LIGHT INTENSITY
IDEAL FOR ORGANIC-SHAPED POOLS AND PRIVATE POOLS

- ☰ · Protection class IP68 – up to 16.40' water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round and square attachment cover, made of stainless steel 316Ti, height 0.08"
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- Rotationally symmetric light distribution
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Installation housing made of stainless steel 316Ti with 4.92' cable protection tube
- Supplied with 9.84' of special underwater cable

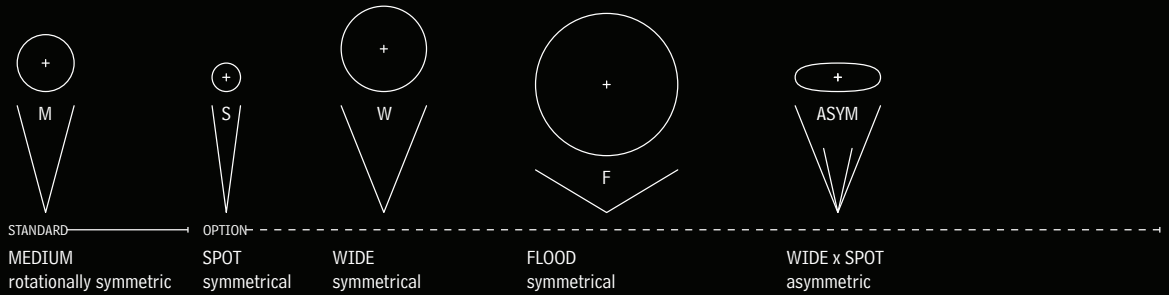


[+] CONFIGURATION

LIGHT COLORS



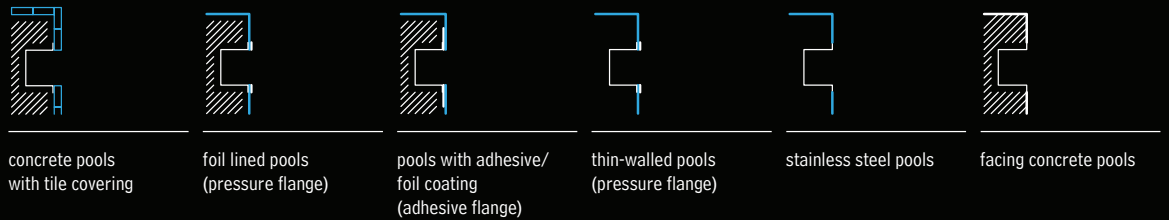
BEAM ANGLES



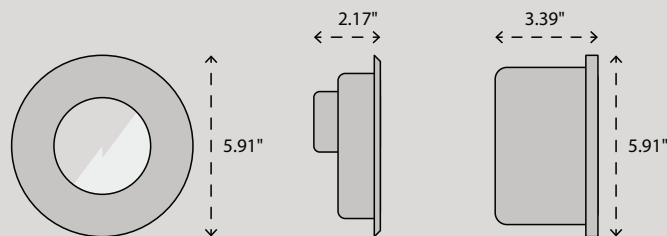
ADDITIONAL PARTS



INSTALLATION TYPES



[+] DIMENSIONS



4.0102 RECESSED-SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3000K 4500K 6000K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 16.40'				CE	
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MONOCHROME ILLUMINATION

#	4.0102.20.11	#	4.0102.20.12	#	4.0102.20.13	#	4.0102.20.16
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white	COLOR	royal blue (450 nm)
LED	4 POW-LED	LED	4 POW-LED	LED	4 POW-LED	LED	4 POW-LED
LUMEN	2300 lm	LUMEN	1880 lm	LUMEN	2010 lm	LUMEN	500mW/LED
WATT	total 18 W	WATT	total 18 W	WATT	total 18 W	WATT	total 18 W
POWER	CC 1200mA @12VDC	POWER	CC 1200mA @12VDC	POWER	CC 1200mA @12VDC	POWER	CC 1200mA @12VDC
BEAM	30° medium	BEAM	30° medium	BEAM	30° medium	BEAM	30° medium
CABLE	UW, 2x1.5 qmm	CABLE	UW, 2x1.5 qmm	CABLE	UW, 2x1.5 qmm	CABLE	UW, 2x1.5 qmm
CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1 (without mounting housing)	CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1 (without mounting housing)	CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1 (without mounting housing)	CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1 (without mounting housing)

DYNAMIC ILLUMINATION

#	4.0102.20.41	#	4.0102.20.42	#	4.0102.20.43	#	4.0102.20.80
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K	COLOR	3000K-6000K dynamic white
LED	4 Multichip POW-LED	LED	4 Multichip POW-LED	LED	4 Multichip POW-LED	LED	4 Multichip POW-LED
LUMEN	cold white: 580 lm	LUMEN	warm white: 500 lm	LUMEN	neutral white: 540 lm	LUMEN	1000-1160 lm
WATT	all on 17 W	WATT	all on 17 W	WATT	all on 17 W	WATT	all on 17 W
POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC
BEAM	30° medium	BEAM	30° medium	BEAM	30° medium	BEAM	30° medium
CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)	CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)	CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)	CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)

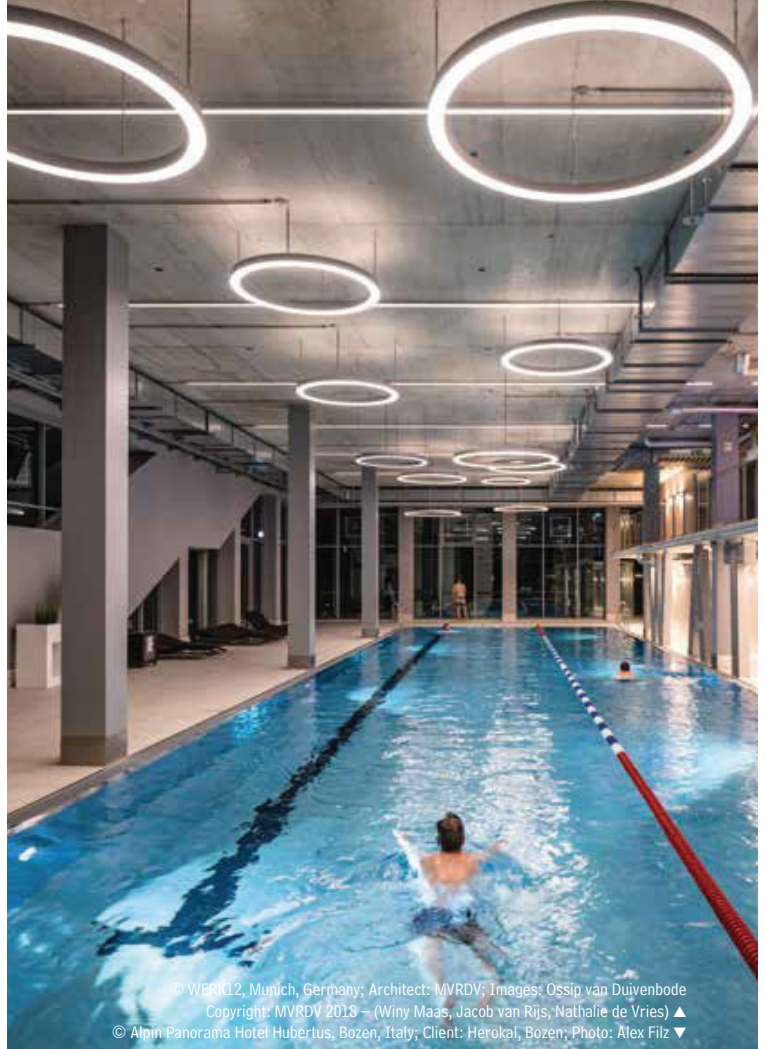
INSTALLATION HOUSINGS

#	4.0102.01.00	#	4.0102.02.00	#	4.0102.02.40	#	4.0102.03.00
	for round and squared cover, made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for welding into stainless steel pools and for installation in concrete pools with tile covering		for round cover, made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange Ø6.10")		for squared cover, made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange 6.10" x 6.10")		for round and squared cover, made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange Ø9.84")

USE IN SALT WATER

This spotlight is also available as a salt-water version. Spotlights for salty water (with a saltwater concentration of up to 3.5 %) are made of special V4A stainless steel 904L (1.4539).

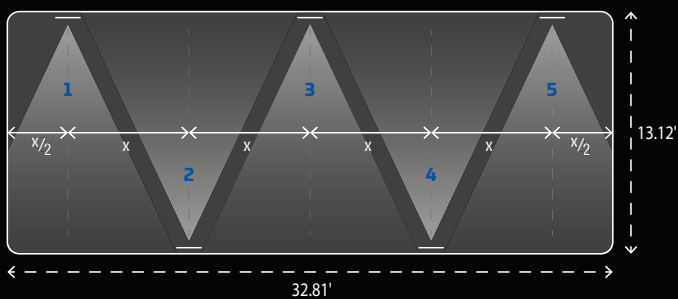
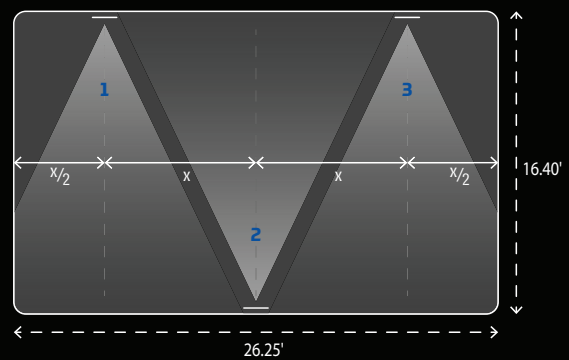
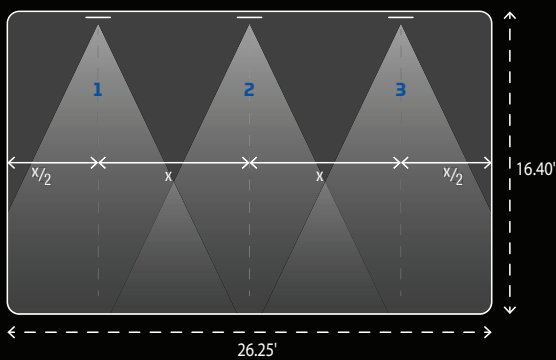
” COMPACT,
EFFECTIVE,
POWERFUL.
THE ALL-ROUNDER
FOR POOL LIGHTING.



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© Alpin Panorama Hotel Hubertus, Bozen, Italy; Client: Herokal, Bozen; Photo: Alex Filz ▼



For pools in standard sizes up to 16.4 feet, choose a single-sided arrangement or offset positioning of the spotlights on both sides. The number of spotlights depends on the pool length - one spotlight per 6.6 to 9.8 feet is recommended.



4.0202 SWIMMINGPOOL-LIGHT

UP TO 4600 LUMEN LIGHT INTENSITY
IDEAL FOR HOTEL POOLS AND PRIVATE POOLS

- Protection class IP68 – up to 16.40' water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 0.08'
- ...
- POW-LED cold white, warm white, neutral white
- POW-LED royal blue
- Multichip POW-LED RGB-W
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- rotationally symmetric wide light distribution
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Installation housing made of stainless steel 316Ti with 4.92' cable protection tube
- Supplied with 16.40' of special underwater cable

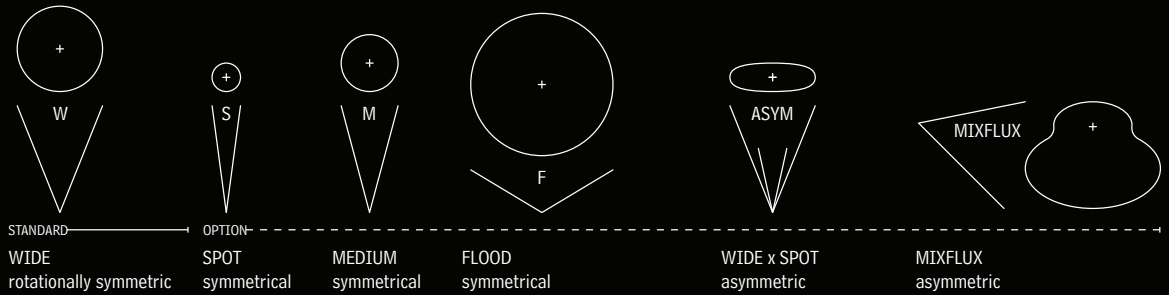


[+] CONFIGURATION

LIGHT COLORS



BEAM ANGLES

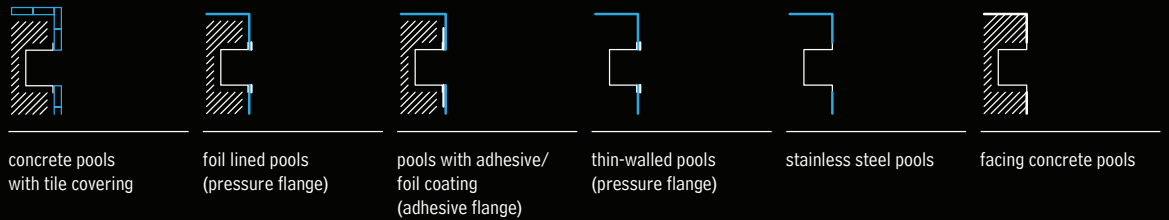


ADDITIONAL PARTS

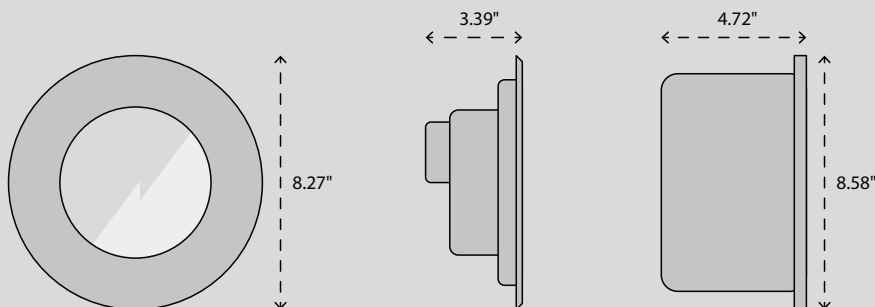


OPTION
glass disc, frosted
for softer light distribution
(light loss approx. -15 %)
#50.40202.0002

INSTALLATION TYPES



DIMENSIONS



4.0202 SWIMMINGPOOL-LIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3000K 4500K 6000K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 16.40'				CE	
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MONOCHROME ILLUMINATION

#	4.0202.00.11	#	4.0202.00.12	#	4.0202.00.13	#	4.0202.00.16
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white	COLOR	royal blue (450 nm)
LED	8 POW-LED	LED	8 POW-LED	LED	8 POW-LED	LED	8 POW-LED
LUMEN	4600 lm	LUMEN	3760 lm	LUMEN	4024 lm	LUMEN	500mW/LED
WATT	total 31 W	WATT	total 31 W	WATT	total 31 W	WATT	total 33 W
POWER	CC 2400mA @12VDC	POWER	CC 2400mA @12VDC	POWER	CC 2400mA @12VDC	POWER	CC 2400mA @12VDC
BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric
CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm
CONNECT	5.0630.10.08 max 1	CONNECT	5.0630.10.08 max 1	CONNECT	5.0630.10.08 max 1	CONNECT	5.0630.10.08 max 1

DYNAMIC ILLUMINATION

#	4.0202.00.41	#	4.0202.00.42	#	4.0202.00.43	#	4.0202.00.80
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K	COLOR	3000K-6000K dynamic white
LED	8 Multichip POW-LED	LED	8 Multichip POW-LED	LED	8 Multichip POW-LED	LED	8 Multichip POW-LED
LUMEN	cold white: 1160 lm	LUMEN	warm white: 1000 lm	LUMEN	neutral white: 1080 lm	LUMEN	2000-2320 lm
WATT	all on 50 W	WATT	all on 50 W	WATT	all on 50 W	WATT	all on 50 W
POWER	CC 700mA @12VDC	POWER	CC 700mA @12VDC	POWER	CC 700mA @12VDC	POWER	CC 700mA @12VDC
BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric
CABLE	UW, 10x0.5 qmm	CABLE	UW, 10x0.5 qmm	CABLE	UW, 10x0.5 qmm	CABLE	UW, 10x0.5 qmm
CONNECT	5.0670.19.52 max 1	CONNECT	5.0670.19.52 max 1	CONNECT	5.0670.19.52 max 1	CONNECT	5.0670.19.52 max 1

INSTALLATION HOUSINGS

#	4.0199.01.00	#	4.0199.02.00	#	4.0199.03.00	#	4.0199.04.00
	made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in concrete pools with tile covering		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange Ø8.58")		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange Ø14.17")		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for facing concrete and for welding into stainless steel pools

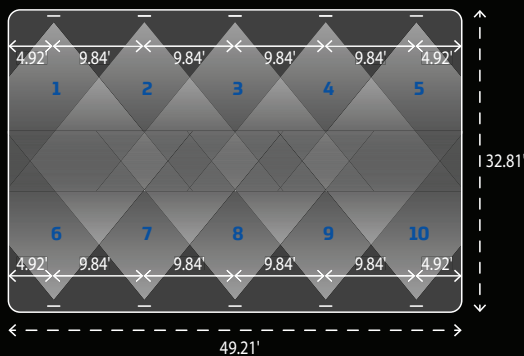
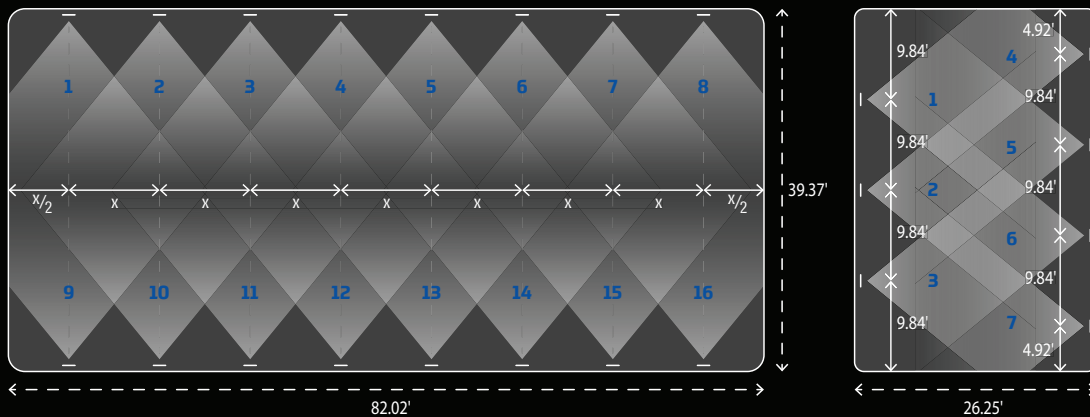
” THE BESTSELLER FOR GENERATIONS. THE ULTIMATE IN PERFORMANCE AND QUALITY.



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Starting from a pool width of 26.25 feet, choose an opposite arrangement of the spotlights, with a distance of approximately 9.8 feet between each. This determines the number of spotlights per pool length. The positioning can be parallel or offset. For narrower pools, a one-sided arrangement is practical.



4.0292 SWIMMINGPOOL-LIGHT

UP TO 6900 LUMEN LIGHT INTENSITY
IDEAL FOR HOTEL POOLS AND PUBLIC POOLS

- Protection class IP68 – up to 16.40' water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 0.08'
- ...
- POW-LED cold white, warm white, neutral white
- POW-LED royal blue
- Multichip POW-LED RGB-W
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Installation housing made of stainless steel 316Ti with 4.92' cable protection tube
- Supplied with 16.40' of special underwater cable

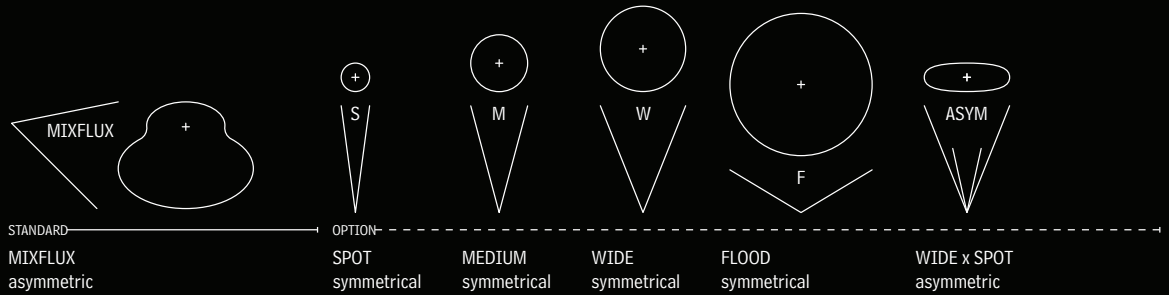


[+] CONFIGURATION

LIGHT COLORS



BEAM ANGLES

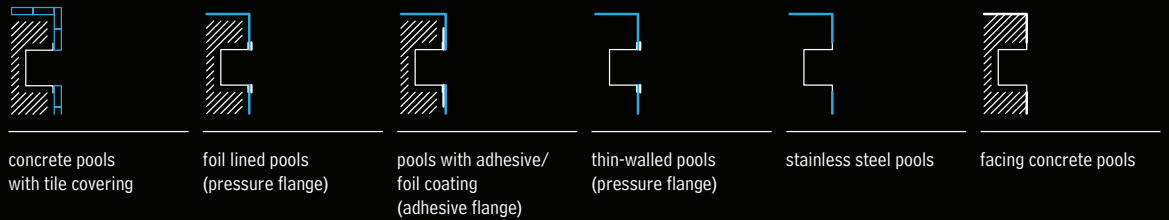


ADDITIONAL PARTS

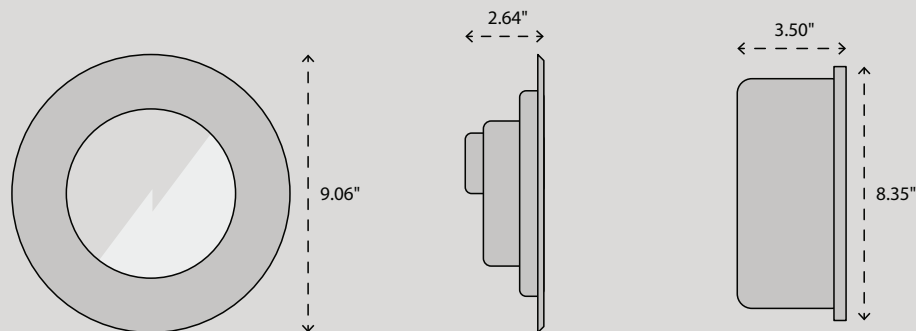


OPTION
 glass disc, frosted
 for softer light distribution
 (light loss approx. -15 %)
 #50.40292.0004

INSTALLATION TYPES



DIMENSIONS



4.0292 SWIMMINGPOOL-LIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3000K 4500K 6000K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 16.40'				
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MONOCHROME ILLUMINATION

#	4.0292.00.11	#	4.0292.00.12	#	4.0292.00.13	#	4.0292.00.16
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white	COLOR	royal blue (450 nm)
LED	12 POW-LED	LED	12 POW-LED	LED	12 POW-LED	LED	48 POW-LED
LUMEN	6900 lm	LUMEN	5640 lm	LUMEN	6036 lm	LUMEN	500mW/LED
WATT	total 47 W	WATT	total 47 W	WATT	total 47 W	WATT	total 49.5 W
POWER	CC 3600mA @12VDC	POWER	CC 3600mA @12VDC	POWER	CC 3600mA @12VDC	POWER	CC 3600mA @12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm
CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3	CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3	CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3	CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3

DYNAMIC ILLUMINATION

#	4.0292.00.41	#	4.0292.00.42	#	4.0292.00.43
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K
LED	12 Multichip POW-LED	LED	12 Multichip POW-LED	LED	12 Multichip POW-LED
LUMEN	cold white: 2100 lm	LUMEN	warm white: 1800 lm	LUMEN	neutral white: 1920 lm
WATT	all on 75 W	WATT	all on 75 W	WATT	all on 75 W
POWER	CC 1400mA @12VDC	POWER	CC 1400mA @12VDC	POWER	CC 1400mA @12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 1x4.0 + 4x1.0 + 2x0.25 qmm	CABLE	UW, 1x4.0 + 4x1.0 + 2x0.25 qmm	CABLE	UW, 1x4.0 + 4x1.0 + 2x0.25 qmm
CONNECT	5.0630.09.52 max 1	CONNECT	5.0630.09.52 max 1	CONNECT	5.0630.09.52 max 1

INSTALLATION HOUSINGS

4.0292.01.00

made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for welding into stainless steel pools and for installation in concrete pools with tile covering

4.0292.02.00

made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange Ø9.61")

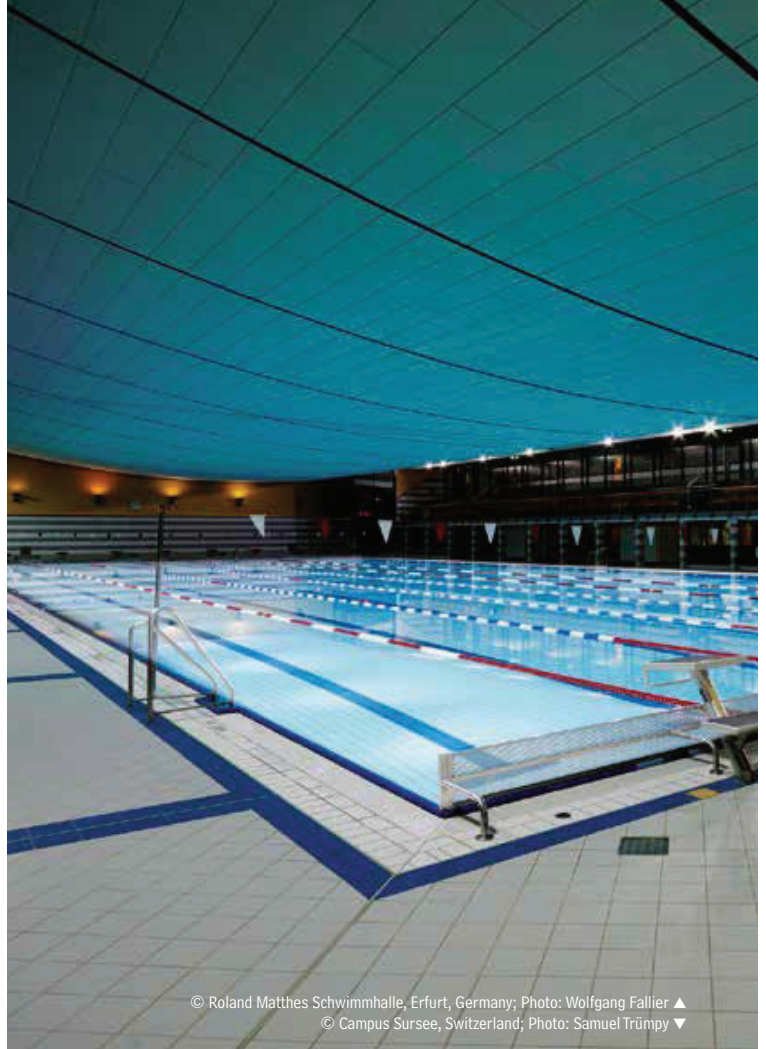
4.0292.03.00

made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange Ø13.78")

USE IN SALT WATER

This spotlight is also available as a salt-water version. Spotlights for salty water (with a saltwater concentration of up to 3.5 %) are made of special V4A stainless steel 904L (1.4539).

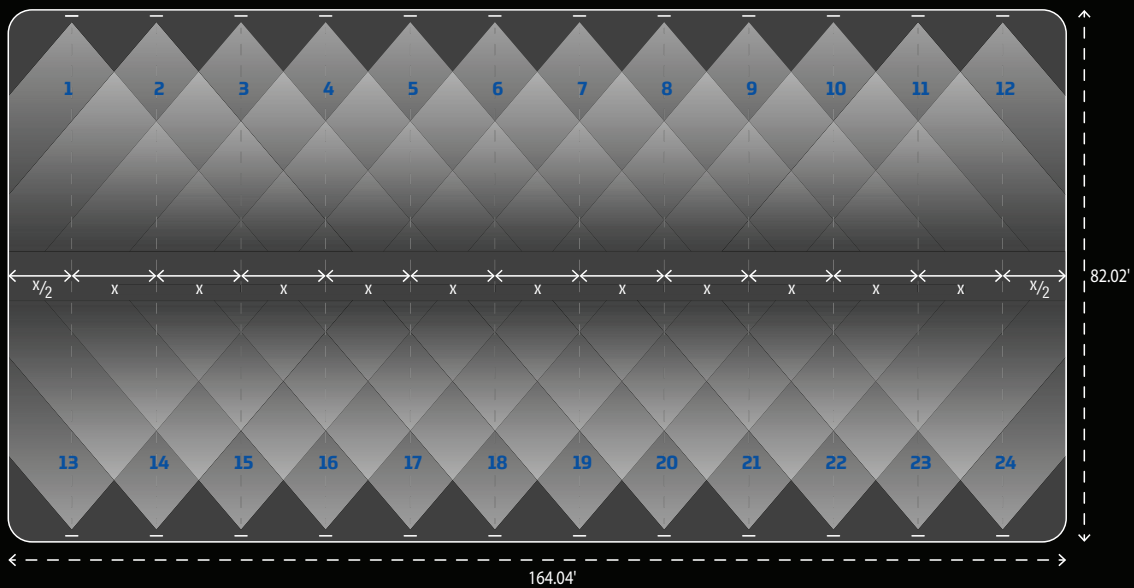
” PEAK PERFORMANCE FOR HIGH PERFORMANCES. A POWER-PACK - AS SIMPLE AS NEVER BEFORE.



© Roland Matthes Schwimmhalle, Erfurt, Germany; Photo: Wolfgang Fallier ▲
 © Campus Sursee, Switzerland; Photo: Samuel Trümpy ▼



With a distance of about 13.1 feet each, you choose an opposite parallel arrangement to illuminate competition pools optimally - 12 spotlights per pool length are recommended here. For sports pools with a size of 82.0 x 39.3 feet, 5 to 6 spotlights per side are intended. The positioning can also be done in a diagonally offset way.



4.0492 SWIMMINGPOOL-LIGHT

✦ UP TO 18600 LUMEN LIGHT INTENSITY
IDEAL FOR COMPETITION AND SPORT POOLS

- ☰ · Protection class IP68 – up to 16.40' water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 0.08"
- ...
- POW-LED cold white, warm white, neutral white
- POW-LED royal blue
- Multichip POW-LED RGB-W
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Installation housing made of stainless steel 316Ti with 4.92' cable protection tube
- Supplied with 5 m of special underwater cable

← NEW



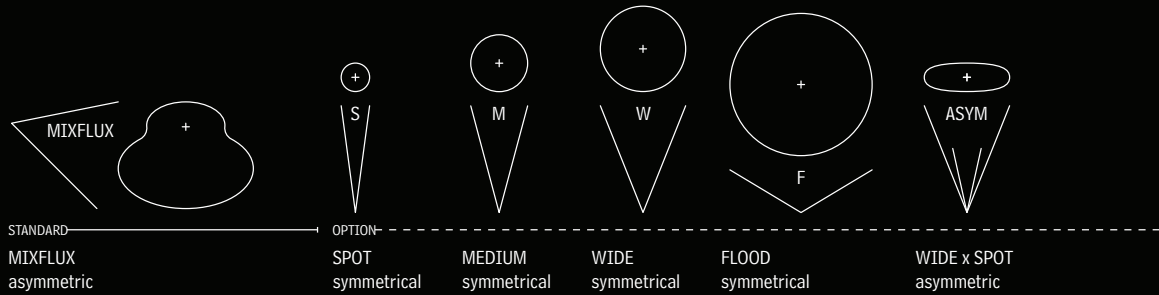
[+] CONFIGURATION

LIGHT COLORS



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

BEAM ANGLES



ADDITIONAL PARTS



OPTION-
 glass disc, frosted
 for softer light distribution
 (light loss approx. -15 %)

INSTALLATION TYPES



concrete pools
with tile covering



foil lined pools
(pressure flange)



pools with adhesive/
foil coating
(adhesive flange)



thin-walled pools
(pressure flange)

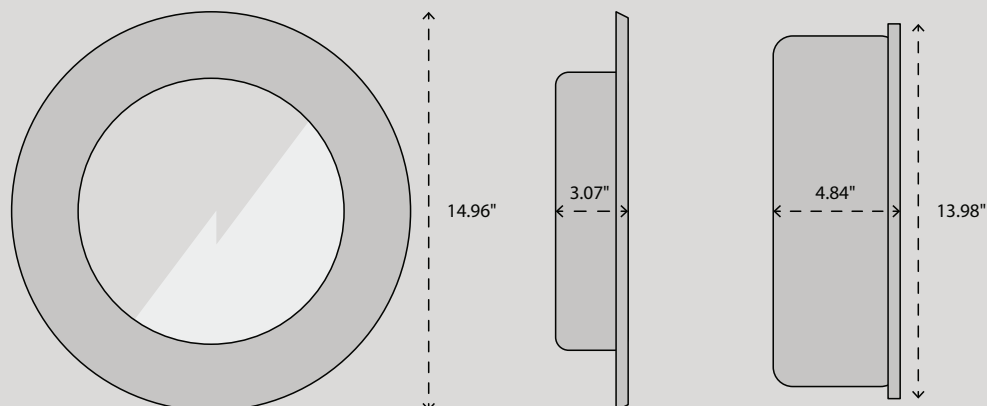


stainless steel pools



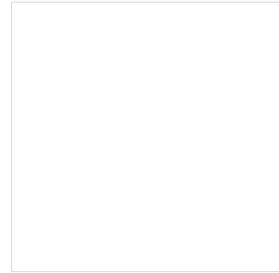
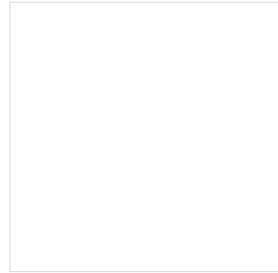
facing concrete pools

[+] DIMENSIONS



4.0492 SWIMMINGPOOL-LIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3000K 4500K 6000K BLUE	RGB-W	CONSTANT CURRENT CONSTANT VOLTAGE	DALI 1-10V OPTIONAL DIMM	CABLE INCL.	max 16.40'	←	↩	CE	III
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MONOCHROME ILLUMINATION

#	4.0492.00.11	#	4.0492.00.12	#	4.0492.00.13
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white
LED	32 POW-LED	LED	32 POW-LED	LED	32 POW-LED
LUMEN	18600 lm	LUMEN	15040 lm	LUMEN	16080 lm
WATT	total 120 W	WATT	total 120 W	WATT	total 120 W
POWER	CV 12VDC	POWER	CV 12VDC	POWER	CV 12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm
CONNECT	5.0630.10.32 max 1	CONNECT	5.0630.10.32 max 1	CONNECT	5.0630.10.32 max 1

DYNAMIC ILLUMINATION

#	4.0492.00.41	#	4.0492.00.42	#	4.0492.00.43
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K
LED	32 Multichip POW-LED	LED	32 Multichip POW-LED	LED	32 Multichip POW-LED
LUMEN	cold white: 4640 lm	LUMEN	warm white: 3760 lm	LUMEN	neutral white: 4020 lm
WATT	all on 140 W	WATT	all on 140 W	WATT	all on 140 W
POWER	CC 12VDC	POWER	CC 12VDC	POWER	CC 12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 41x0.5 qmm	CABLE	UW, 41x0.5 qmm	CABLE	UW, 41x0.5 qmm
CONNECT	5.0670.49.52 max 1	CONNECT	5.0670.49.52 max 1	CONNECT	5.0670.49.52 max 1

INSTALLATION HOUSINGS

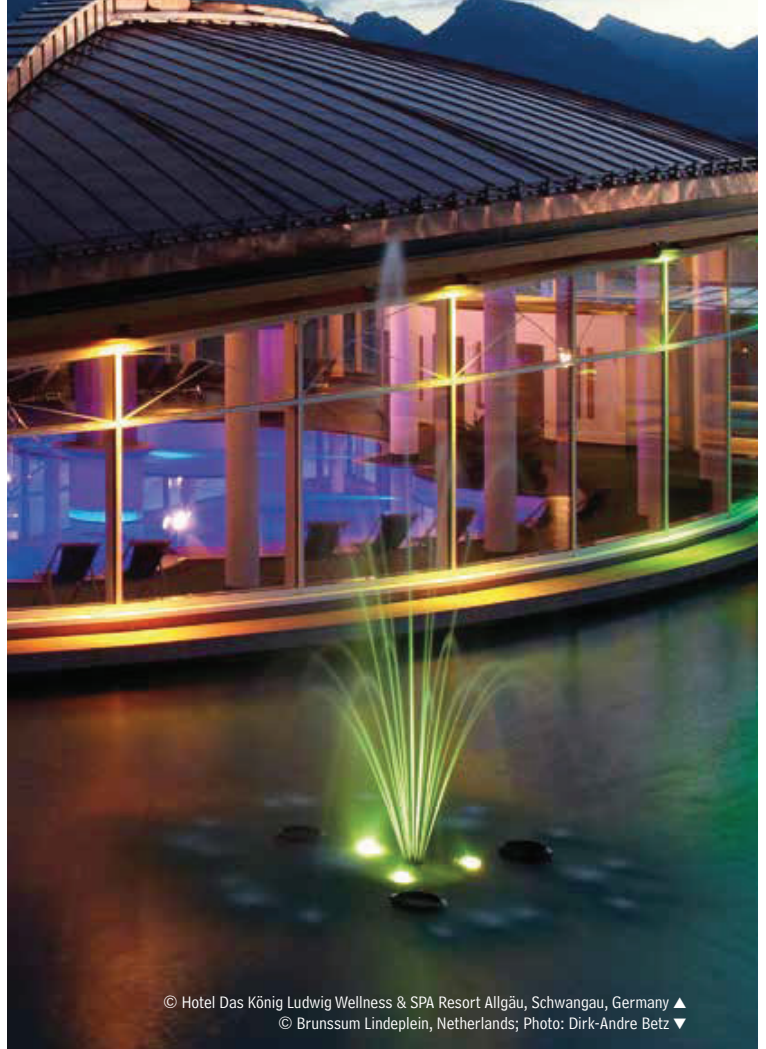
#	4.0492.01.00	#	4.0492.02.00	#	4.0492.03.00
	made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for welding into stainless steel pools and for installation in concrete pools with tile covering		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange mm)		made of V4A stainless steel with 4.92' protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange mm)

← LIGHT UP YOUR
POOL AND WATER AREAS

LIGHT UP YOUR FOUNTAINS
AND WATERSIDE ARCHITECTURE



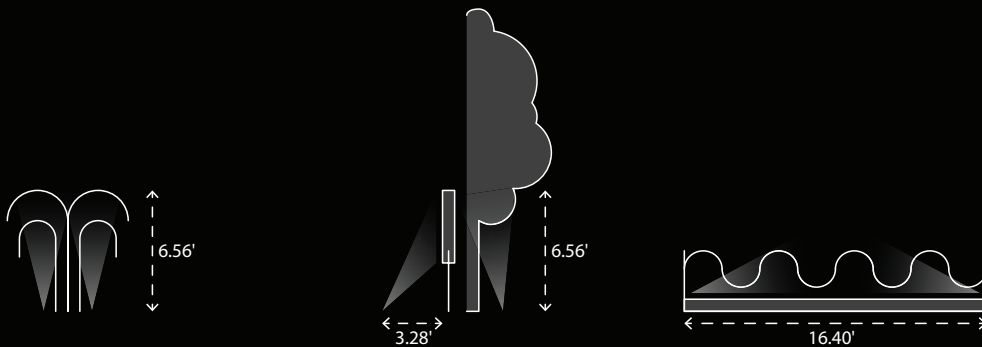
” LIGHT TO THE POINT.
ELEGANT AND
HARDLY BIGGER
THAN A TENNIS BALL.



© Hotel Das König Ludwig Wellness & SPA Resort Allgäu, Schwangau, Germany ▲
© Brunssum Lindeplein, Netherlands; Photo: Dirk-Andre Betz ▼



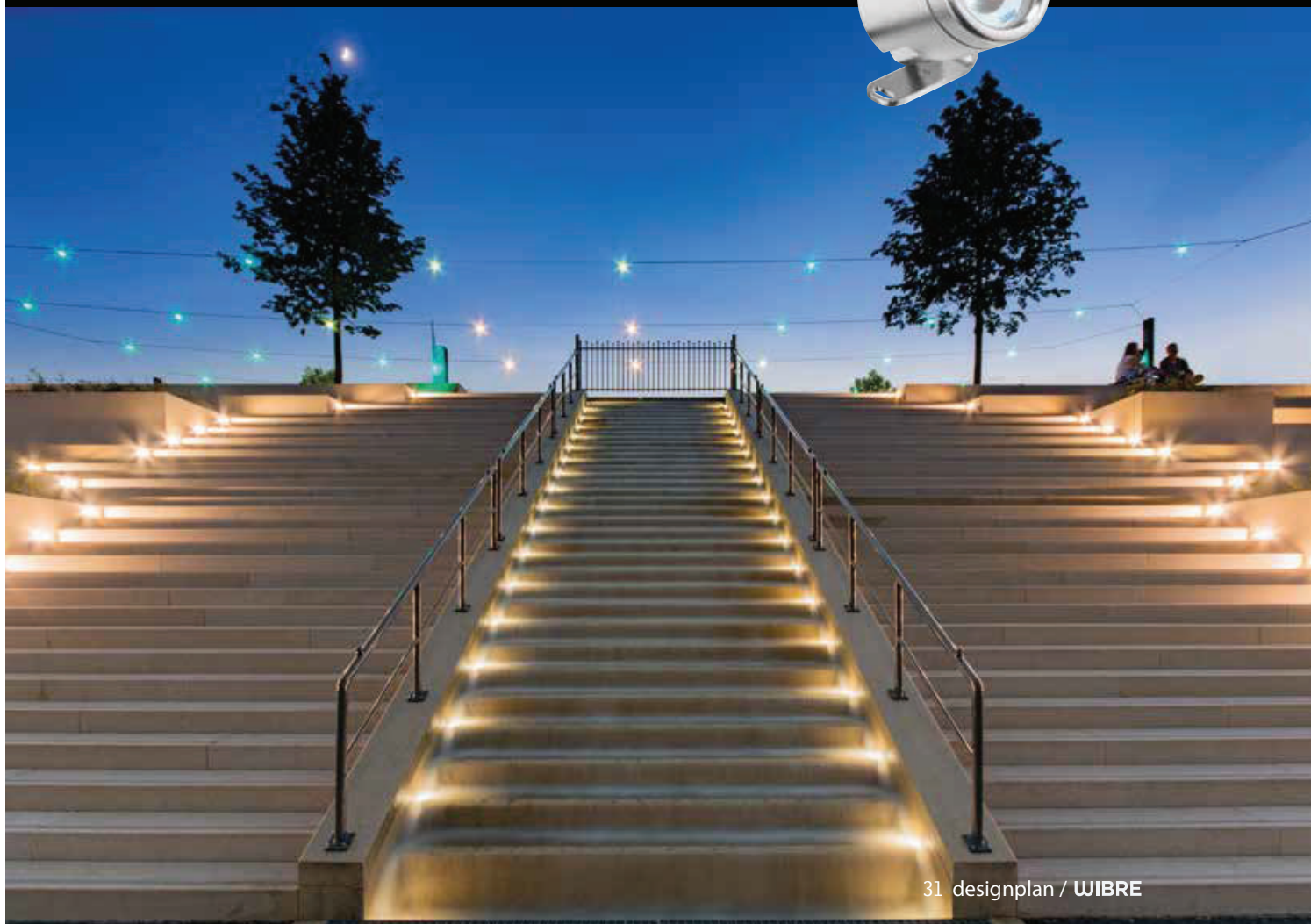
Suitable for fountains up to a water height of 6.6 feet. Variable object lighting outside the water is also possible, for example in gardens. Flat water basins and trick fountains can be individually illuminated by the infinitely variable swivel spotlight.



4.0050 SURFACE-MOUNTED SPOTLIGHT

⚡ UP TO 675 LUMEN LIGHT INTENSITY
PERFECT FOR FOUNTAINS AND WATER ATTRACTIONS

- ☰ · Protection class IP68 – up to 9.84' water depth
- Entirely made of stainless steel 316Ti 1.4571
- Mounting foot adjustable through 90°
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- operating mode: constant current
- Rotationally symmetric light distribution
- ...
- Cable pressure sleeve, stainless steel 316Ti
- Constant-current power source/RGB controller external
- Supplied with lamp and 9.84' of underwater cable



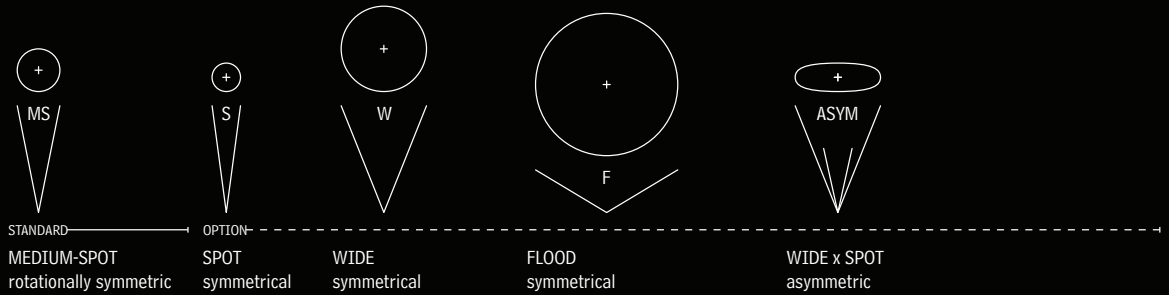
4.0050 SURFACE-MOUNTED SPOTLIGHT

[+] CONFIGURATION

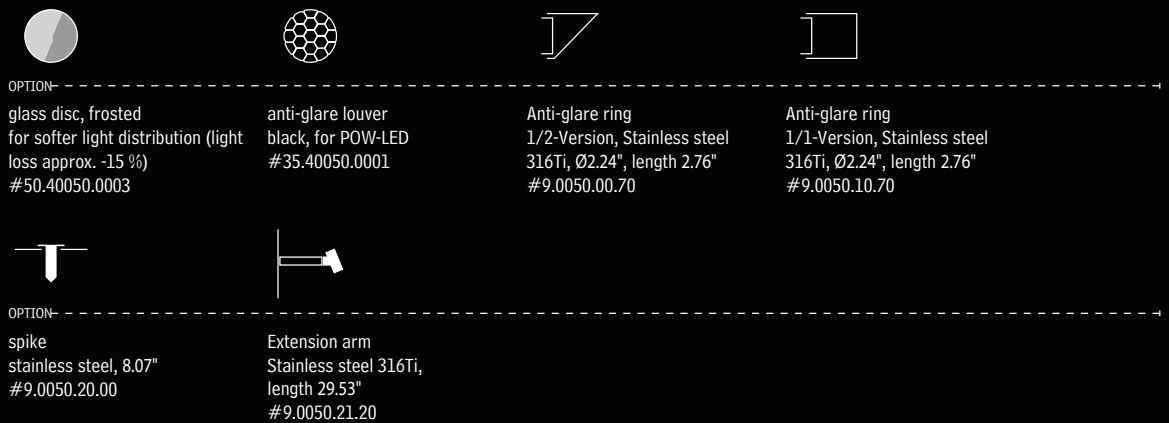
LIGHT COLORS



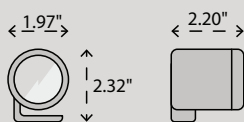
BEAM ANGLES



ADDITIONAL PARTS

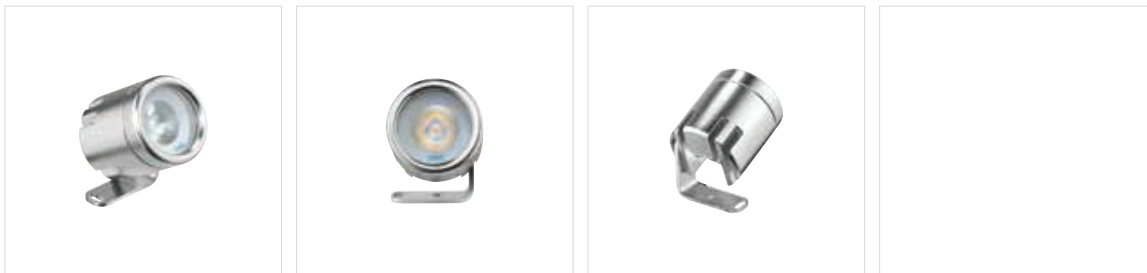


[+] DIMENSIONS



4.0050 SURFACE-MOUNTED SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3000K 4500K 6000K	RGB-W	DYNAMIC WHITE	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 9.84'	max 90°	CE	III
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MONOCHROME ILLUMINATION



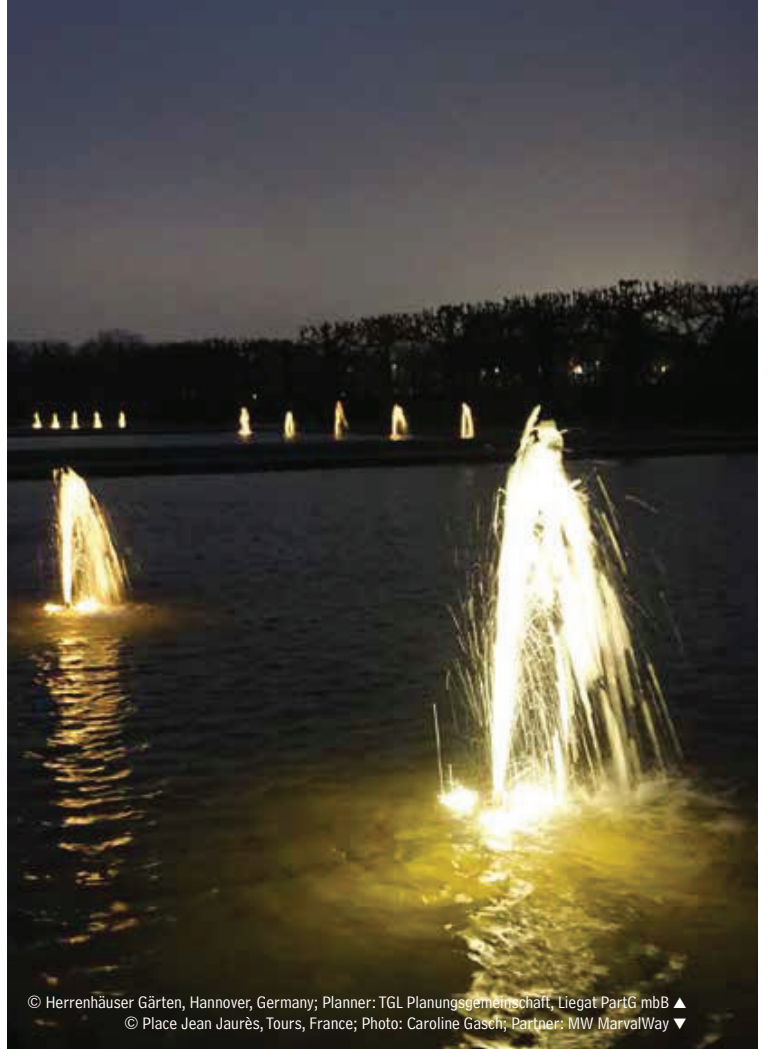
#	4.0050.30.11	#	4.0050.30.12	#	4.0050.30.13
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white
LED	1 POW-LED	LED	1 POW-LED	LED	1 POW-LED
LUMEN	675 lm	LUMEN	540 lm	LUMEN	575 lm
WATT	total 5 W	WATT	total 5 W	WATT	total 5 W
POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC
BEAM	25° medium-spot	BEAM	25° medium-spot	BEAM	25° medium-spot
CABLE	UW, 2x0.5 qmm	CABLE	UW, 2x0.5 qmm	CABLE	UW, 2x0.5 qmm
CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3	CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3	CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3

DYNAMIC ILLUMINATION



#	4.0050.30.41	#	4.0050.30.42	#	4.0050.30.43	#	4.0050.30.80
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K	COLOR	3000K-6000K dynamic white
LED	1 Multichip POW-LED	LED	1 Multichip POW-LED	LED	1 Multichip POW-LED	LED	1 Multichip POW-LED
LUMEN	cold white: 145 lm	LUMEN	warm white: 125 lm	LUMEN	neutral white: 135 lm	LUMEN	250-290 lm
WATT	all on 4 W	WATT	all on 4 W	WATT	all on 4 W	WATT	all on 4 W
POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC	POWER	CC 350mA @12VDC
BEAM	25° medium-spot	BEAM	25° medium-spot	BEAM	25° medium-spot	BEAM	25° medium-spot
CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm	CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12VDC) or 12 (SELV)

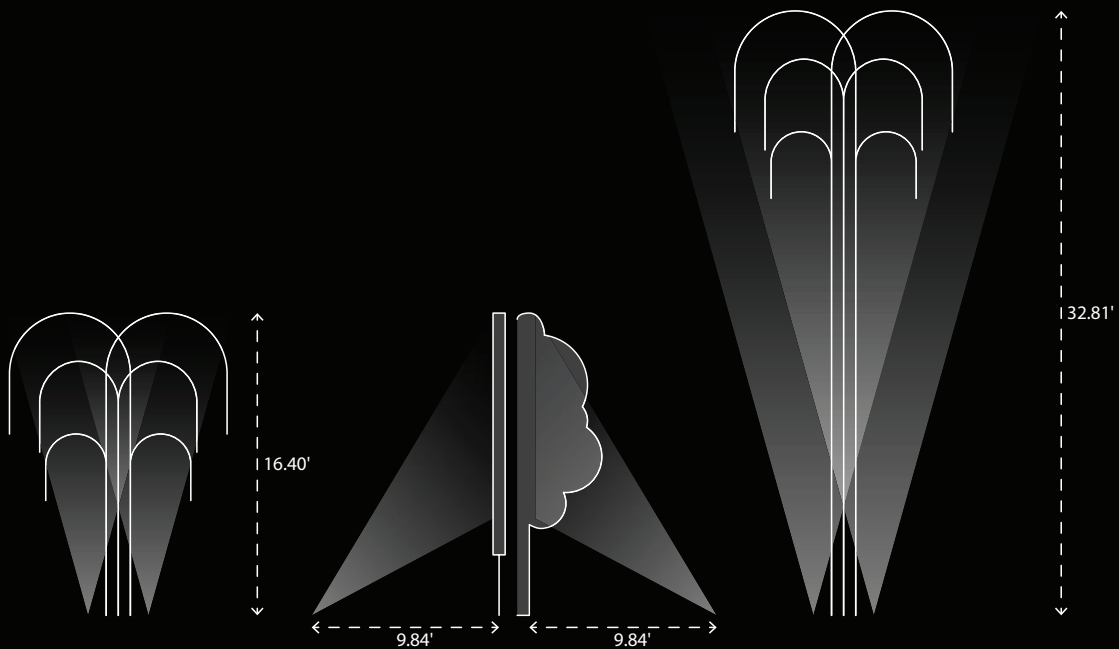
” MADE TO STAND OUT.
IN DESIGN,
IN DYNAMISM,
IN PERFORMANCE.



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© Place Jean Jaurès, Tours, France; Photo: Caroline Gasch; Partner: MW MarvalWay ▼



For fountains up to 16.4 feet high, the weak version of the spotlight is suitable. It can also be used for individual object lighting outside of the water. With the more powerful version you can illuminate fountains up to a height of 32.8 feet.



4.0100 SURFACE-MOUNTED SPOTLIGHT

⚡ UP TO 2300 LUMEN LIGHT INTENSITY
PERFECT FOR FOUNTAINS AND WATER ATTRACTIONS

- ☰ · Protection class IP68 – up to 9.84' water depth
- Entirely made of stainless steel 316Ti 1.4571
- Mounting foot adjustable through 90°
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- Rotationally symmetric light distribution
- ...
- Cable pressure sleeve, stainless steel 316Ti
- Constant-current power source/RGB controller external
- Supplied with lamp and 9.84' of underwater cable

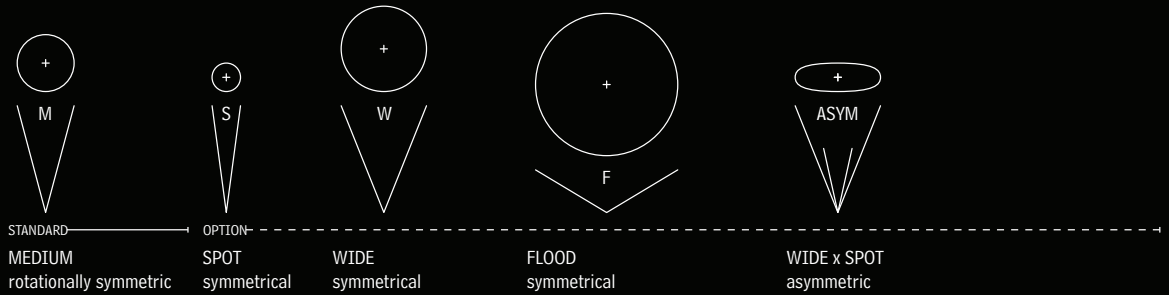


[+] CONFIGURATION

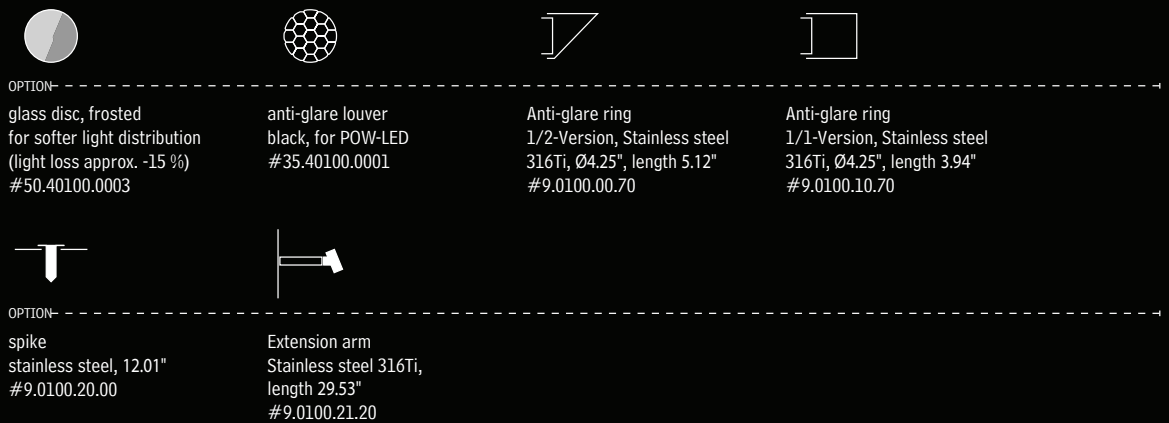
LIGHT COLORS



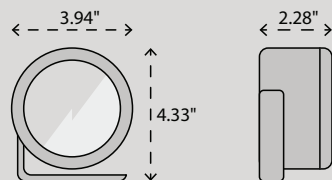
BEAM ANGLES



ADDITIONAL PARTS



[+] DIMENSIONS



4.0100 SURFACE-MOUNTED SPOTLIGHT

IP68
 STAINLESS STEEL V4A 1.4571 316Ti
 ELECTRO POLISHED
 POW-LED INCL.
 3000K 4500K 6000K
 RGB-W
 DYNAMIC WHITE
 DALI 1-10 V OPTIONAL DIMM
 CONSTANT CURRENT KONSTANT STRÖM
 CABLE INCL.
 max 9.84'
 90°
 CE
 III



MONOCHROME ILLUMINATION

DYNAMIC ILLUMINATION



#	4.0100.00.11
COLOR	6000K cold white
LED	4 POW-LED
LUMEN	750 lm
WATT	total 4.4 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 2x1.5 qmm
CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3

#	4.0100.30.11
COLOR	6000K cold white
LED	4 POW-LED
LUMEN	2300 lm
WATT	total 18 W
POWER	CC 1200mA @12VDC
BEAM	30° medium
CABLE	UW, 2x1.5 qmm
CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1

#	4.0100.00.41
COLOR	RGB-CW cold white 6000K
LED	4 Multichip POW-LED
LUMEN	cold white: 350 lm
WATT	all on 10 W
POWER	CC 200mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0620.19.52 max 1 (12VDC) or 3 (SELV)

#	4.0100.30.41
COLOR	RGB-CW cold white 6000K
LED	4 Multichip POW-LED
LUMEN	cold white: 580 lm
WATT	all on 17 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)

#	4.0100.00.12
COLOR	3000K warm white
LED	4 POW-LED
LUMEN	650 lm
WATT	total 4.4 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 2x1.5 qmm
CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3

#	4.0100.30.12
COLOR	3000K warm white
LED	4 POW-LED
LUMEN	1880 lm
WATT	total 18 W
POWER	CC 1200mA @12VDC
BEAM	30° medium
CABLE	UW, 2x1.5 qmm
CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1

#	4.0100.00.42
COLOR	RGB-WW warm white 3000K
LED	4 Multichip POW-LED
LUMEN	warm white: 300 lm
WATT	all on 10 W
POWER	CC 200mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0620.19.52 max 1 (12VDC) or 3 (SELV)

#	4.0100.30.42
COLOR	RGB-WW warm white 3000K
LED	4 Multichip POW-LED
LUMEN	warm white: 500 lm
WATT	all on 17 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)

#	4.0100.00.13
COLOR	4500K neutral white
LED	4 POW-LED
LUMEN	700 lm
WATT	total 4.4 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 2x1.5 qmm
CONNECT	5.0635.65.10 max 1 5.0635.65.20 max 3

#	4.0100.30.13
COLOR	4500K neutral white
LED	4 POW-LED
LUMEN	2010 lm
WATT	total 18 W
POWER	CC 1200mA @12VDC
BEAM	30° medium
CABLE	UW, 2x1.5 qmm
CONNECT	5.0630.10.04 max 1 5.0630.00.04 max 1

#	4.0100.00.43
COLOR	RGB-NW neutral white 4500K
LED	4 Multichip POW-LED
LUMEN	neutral white: 330 lm
WATT	all on 10 W
POWER	CC 200mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0620.19.52 max 1 (12VDC) or 3 (SELV)

#	4.0100.30.43
COLOR	RGB-NW neutral white 4500K
LED	4 Multichip POW-LED
LUMEN	neutral white: 540 lm
WATT	all on 17 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 1 (12VDC) or 3 (SELV)

#	4.0100.30.80
COLOR	3000K-6000K dynamic white
LED	4 Multichip POW-LED
LUMEN	1000-1160 lm
WATT	all on 17 W
POWER	CC 350mA @12VDC
BEAM	30° medium
CABLE	UW, 8x0.25 qmm
CONNECT	5.0635.19.52 max 1 (12V-DC) or 3 (SELV)

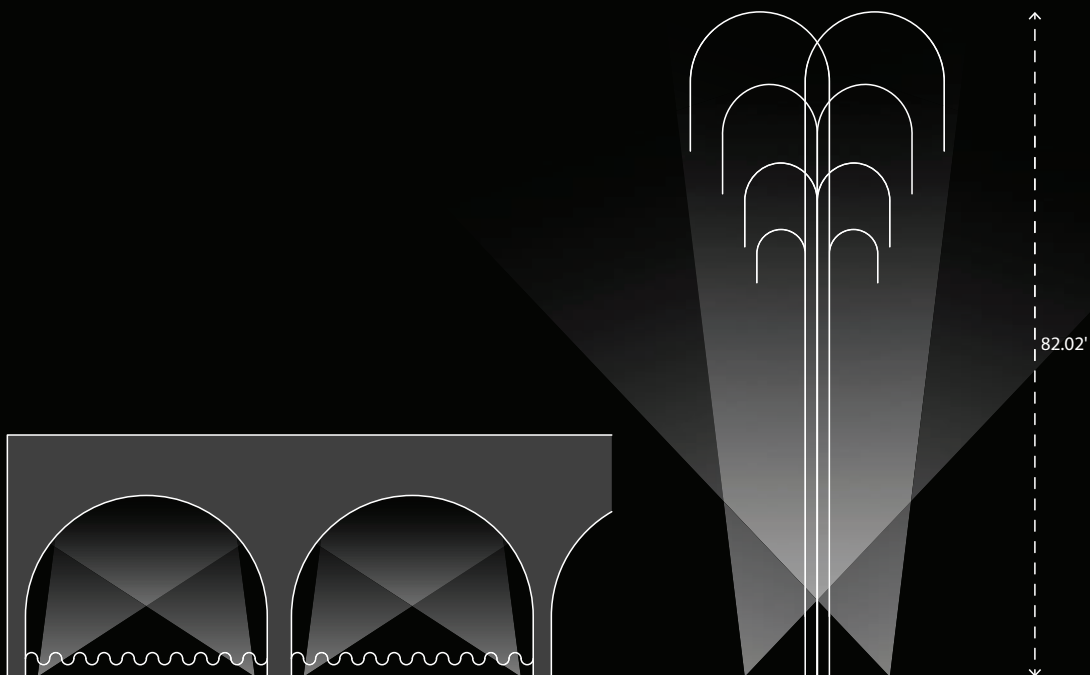
” UNIQUE AND
VERSATILE
IN FUNCTIONALITY
AND APPLICATION.



© Plaza Bolívar, Maracay, Venezuela; Grupo MCI ▲
© Le Pont Neuf, Toulouse, France; Photo: Patrice Nin ▼



For illuminating fountains up to a maximum height of 82.0 feet. The positioning and number of spotlights depends on the type of fountain - the closer the spotlight, the more intensive and accentuating the illumination. The spotlight is also ideally suited for powerful architectural lighting from the water.



4.0290 SURFACE-MOUNTED SPOTLIGHT

UP TO 4600 LUMEN LIGHT INTENSITY
PERFECT FOR FOUNTAINS AND WATERSIDE ARCHITECTURE

- Protection class IP68 – up to 9.84' water depth
- Entirely made of stainless steel 316Ti 1.4571
- Mounting foot adjustable through 90°
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- Rotationally symmetric light distribution
- ...
- Cable sleeve, stainless steel 316Ti
- Constant-current power source/RGB controller external
- Supplied with lamp and 9.84' of underwater cable

NEW

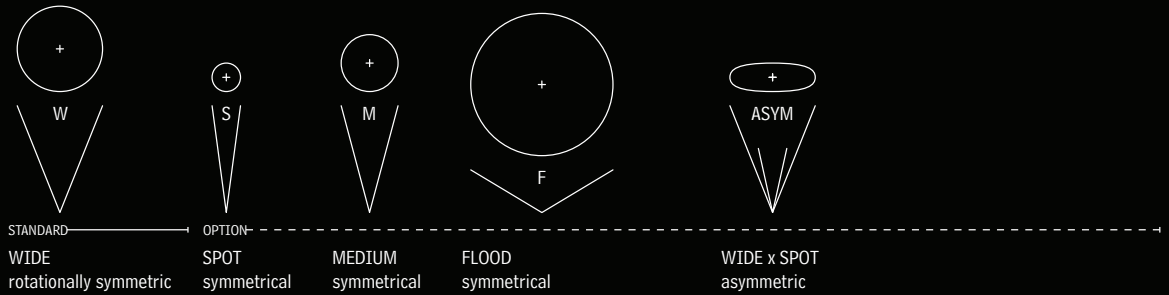


[+] CONFIGURATION

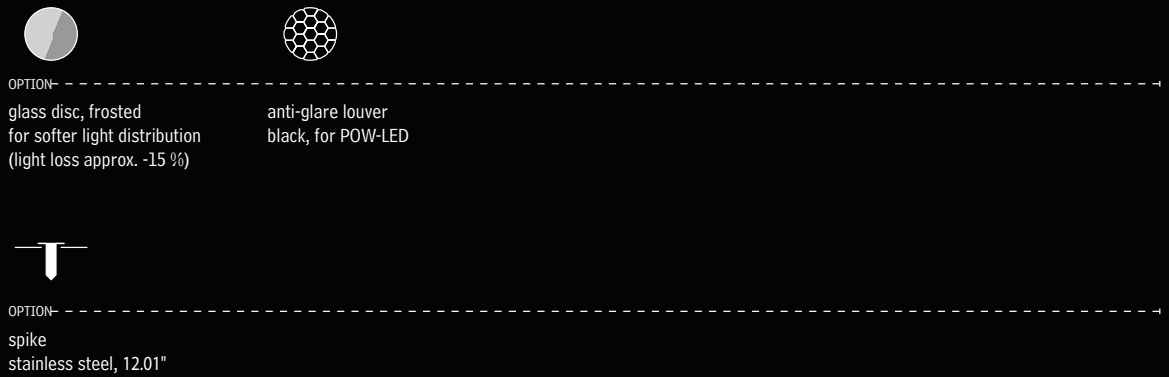
LIGHT COLORS



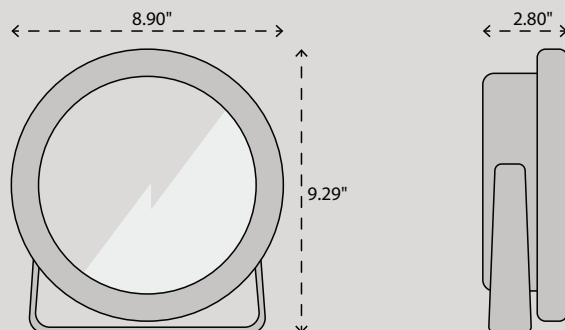
BEAM ANGLES



ADDITIONAL PARTS



[+] DIMENSIONS



4.0290 SURFACE-MOUNTED SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3000K 4500K 6000K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 9.84'	90°	CE	III
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MONOCHROME ILLUMINATION

#	4.0290.00.11	#	4.0290.00.12	#	4.0290.00.13
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white
LED	8 POW-LED	LED	8 POW-LED	LED	8 POW-LED
LUMEN	4600 lm	LUMEN	3760 lm	LUMEN	4024 lm
WATT	total 31 W	WATT	total 31 W	WATT	total 31 W
POWER	CC 2400mA @12VDC	POWER	CC 2400mA @12VDC	POWER	CC 2400mA @12VDC
BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric
CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm
CONNECT	5.0630.10.08 max 1	CONNECT	5.0630.10.08 max 1	CONNECT	5.0630.10.08 max 1

DYNAMIC ILLUMINATION

#	4.0290.00.41	#	4.0290.00.42	#	4.0290.00.43	#	4.0290.00.80
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K	COLOR	3000K-6000K dynamic white
LED	8 Multichip POW-LED	LED	8 Multichip POW-LED	LED	8 Multichip POW-LED	LED	8 Multichip POW-LED
LUMEN	cold white: 1160 lm	LUMEN	warm white: 1000 lm	LUMEN	neutral white: 1080 lm	LUMEN	2000-2320 lm
WATT	all on 50 W	WATT	all on 50 W	WATT	all on 50 W	WATT	all on 50 W
POWER	CC 700mA @12VDC	POWER	CC 700mA @12VDC	POWER	CC 700mA @12VDC	POWER	CC 700mA @12VDC
BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric	BEAM	50° symmetric
CABLE	UW, 10x0.5 qmm	CABLE	UW, 10x0.5 qmm	CABLE	UW, 10x0.5 qmm	CABLE	UW, 10x0.5 qmm
CONNECT	5.0670.19.52 max 1	CONNECT	5.0670.19.52 max 1	CONNECT	5.0670.19.52 max 1	CONNECT	5.0670.19.52 max 1

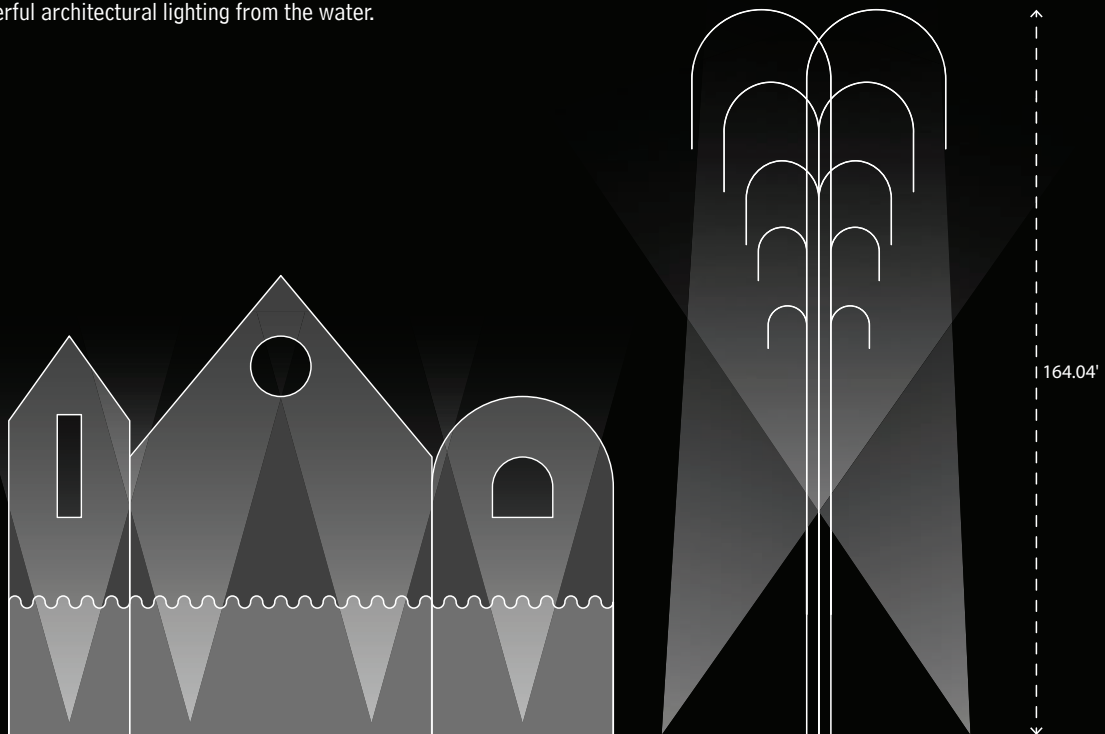
” THIS IS BIG.
LIGHT IN
A POWER
NEVER SEEN
BEFORE.



© Jet d'eau, Geneva, Switzerland, Photo: Yvon Labarthe ▲
© UNDER Restaurant, Norway; Photo: Tomas Majewski; Partner: Luminator AS ▼



For illuminating fountains up to a maximum height of 164 feet. The positioning and number of spotlights depends on the type of fountain - the closer the spotlight, the more intensive and accentuating the illumination. The spotlight is also ideally suited for powerful architectural lighting from the water.



4.0490 SURFACE-MOUNTED SPOTLIGHT

UP TO 18600 LUMEN LIGHT INTENSITY
PERFECT FOR FOUNTAINS AND WATERSIDE ARCHITECTURE

- Protection class IP68 – up to 9.84' water depth
- Entirely made of stainless steel 316Ti 1.4571
- Mounting foot adjustable through 90°
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- Rotationally symmetric light distribution
- ...
- Cable sleeve, stainless steel 316Ti
- Constant-current power source/RGB controller external
- Supplied with lamp and 9.84' of underwater cable

NEW



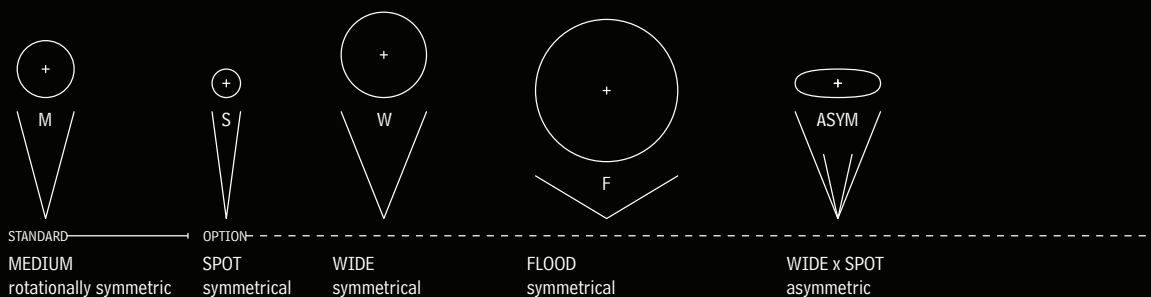
[+] CONFIGURATION

LIGHT COLORS

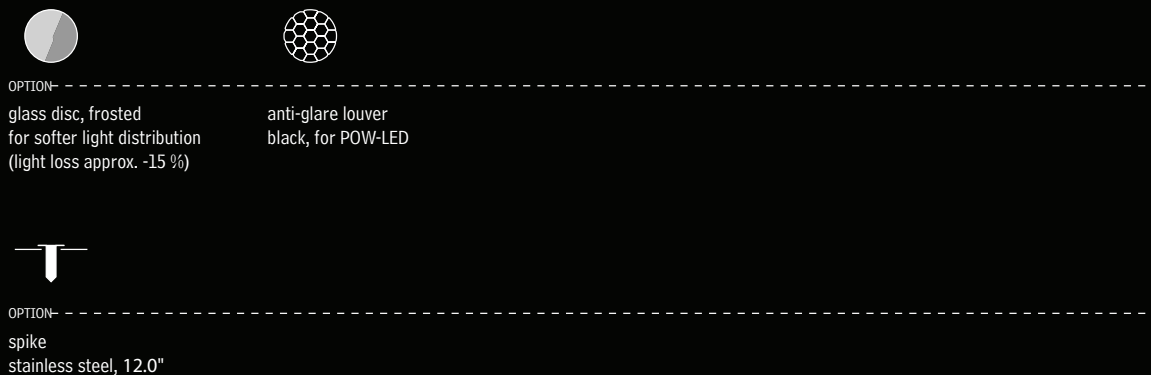


STANDARD					
6000K	4500K	3000K	RGB-6000K	RGB-4500K	RGB-3000K
cold white	neutral white	warm white	+ cold white	+ neutral white	+ warm white

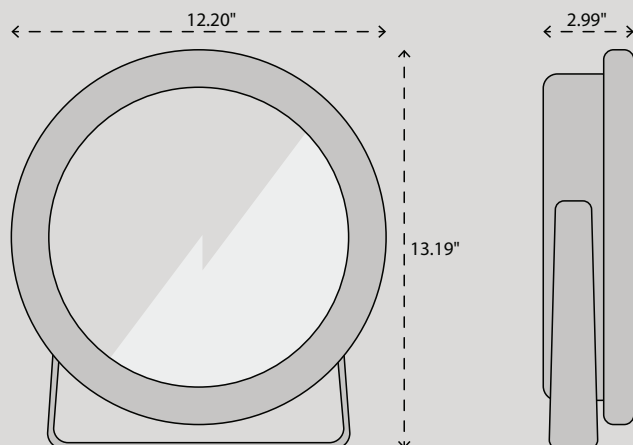
BEAM ANGLES



ADDITIONAL PARTS

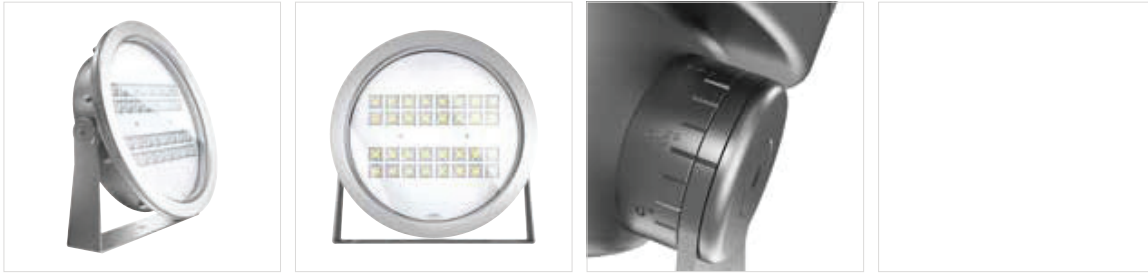


[+] DIMENSIONS



4.0490 SURFACE-MOUNTED SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3000K 4500K 6000K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max. 9.84'	90°	CE	III
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MONOCHROME ILLUMINATION

#	4.0490.00.11	#	4.0490.00.12	#	4.0490.00.13
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white
LED	32 POW-LED	LED	32 POW-LED	LED	32 POW-LED
LUMEN	18600 lm	LUMEN	15040 lm	LUMEN	16080 lm
WATT	total 120 W	WATT	total 120 W	WATT	total 120 W
POWER	CV 12VDC	POWER	CV 12VDC	POWER	CV 12VDC
BEAM	30° symmetric	BEAM	30° symmetric	BEAM	30° symmetric
CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm
CONNECT	5.0630.10.32 max 1	CONNECT	5.0630.10.32 max 1	CONNECT	5.0630.10.32 max 1

DYNAMIC ILLUMINATION

#	4.0490.00.41	#	4.0490.00.42	#	4.0490.00.43
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K
LED	32 Multichip POW-LED	LED	32 Multichip POW-LED	LED	32 Multichip POW-LED
LUMEN	cold white: 4640 lm	LUMEN	warm white: 3760 lm	LUMEN	neutral white: 4020 lm
WATT	all on 140 W	WATT	all on 140 W	WATT	all on 140 W
POWER	CC 12VDC	POWER	CC 12VDC	POWER	CC 12VDC
BEAM	30° symmetric	BEAM	30° symmetric	BEAM	30° symmetric
CABLE	UW, 41x0.5 qmm	CABLE	UW, 41x0.5 qmm	CABLE	UW, 41x0.5 qmm
CONNECT	5.0670.49.52 max 1	CONNECT	5.0670.49.52 max 1	CONNECT	5.0670.49.52 max 1

← LIGHT UP YOUR FOUNTAINS
AND WATERSIDE ARCHITECTURE

RETROFIT YOUR
OLD SPOTLIGHTS



” BESTSELLER REMAINS
BESTSELLER.
WITH QUALITY.
WITH PERFORMANCE.
WITH POW-LED.



© Actionbad Kokpunkten, Västerås, Sweden; Partner: Malux Sweden ▲
© Hotel Traube Tonbath, Germany; Photo: Henrik Morlock ▼



This retrofit spotlight is intended as a replacement for existing spotlights with halogen technology, primarily types 4.0267 and 4.0271 and various other makes. This spotlight has everything for a hassle-free change. Better lighting power, considerably less consumption, long service life and safety - standard-conforming operation in water accessible to people is permitted, thanks to the 12VDC technology.

IT HAS NEVER BEEN EASIER. A CHANGE IN 5 STEPS

1. REMOVE OLD SPOTLIGHT
2. CONNECT EXISTING CABLE
3. INSERT THE NEW SPOTLIGHT
4. SCREW THE SPOTLIGHT TIGHT
5. CHANGE THE CONTROL DEVICE
LIGHT ON

4.0291 RETROFIT-SPOTLIGHT

⚡ UP TO 6900 LUMEN LIGHT INTENSITY
SUSTAINABLE REPLACEMENT FOR HALOGEN SPOTLIGHTS

- ☰ · Protection class IP68 – up to 16.4 feet water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 42.65 feet
- ...
- POW-LED cold white, warm white, neutral white
- POW-LED royal blue
- Multichip POW-LED RGB-W
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Supplied without cable

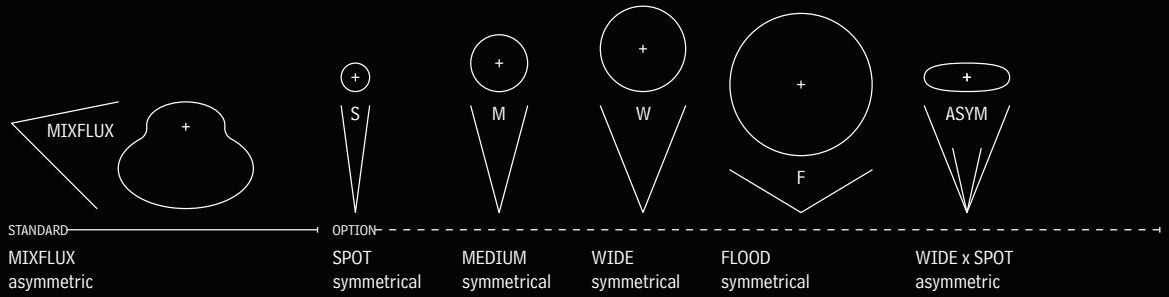


[+] CONFIGURATION

LIGHT COLORS



BEAM ANGLES



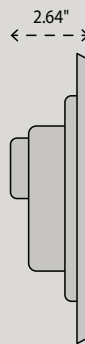
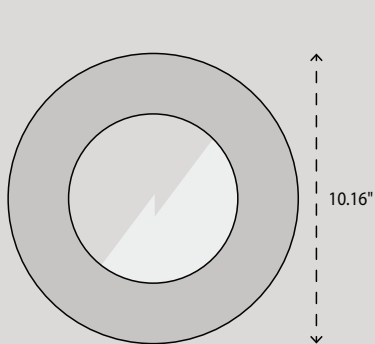
ADDITIONAL PARTS



OPTION

glass disc, frosted
for softer light distribution
(light loss approx. -15 %)
#50.40292.0004

DIMENSIONS



4.0291 RETROFIT-SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3000K 4500K 6000K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10V OPTIONAL DIMM	CABLE EXCL.	max 16.40'			CE	
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MONOCHROME ILLUMINATION

#	4.0291.00.11	#	4.0291.00.12	#	4.0291.00.13	#	4.0291.00.16
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white	COLOR	royal blue (450 nm)
LED	12 POW-LED	LED	12 POW-LED	LED	12 POW-LED	LED	48 POW-LED
LUMEN	6900 lm	LUMEN	5640 lm	LUMEN	6036 lm	LUMEN	500mW/LED
WATT	total 47 W	WATT	total 47 W	WATT	total 47 W	WATT	total 49.5 W
POWER	CC 3600mA @12VDC	POWER	CC 3600mA @12VDC	POWER	CC 3600mA @12VDC	POWER	CC 3600mA @12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm	CABLE	UW, 2x2.5 qmm
CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3	CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3	CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3	CONNECT	5.0630.01.12 max 1 5.0630.03.12 max 3

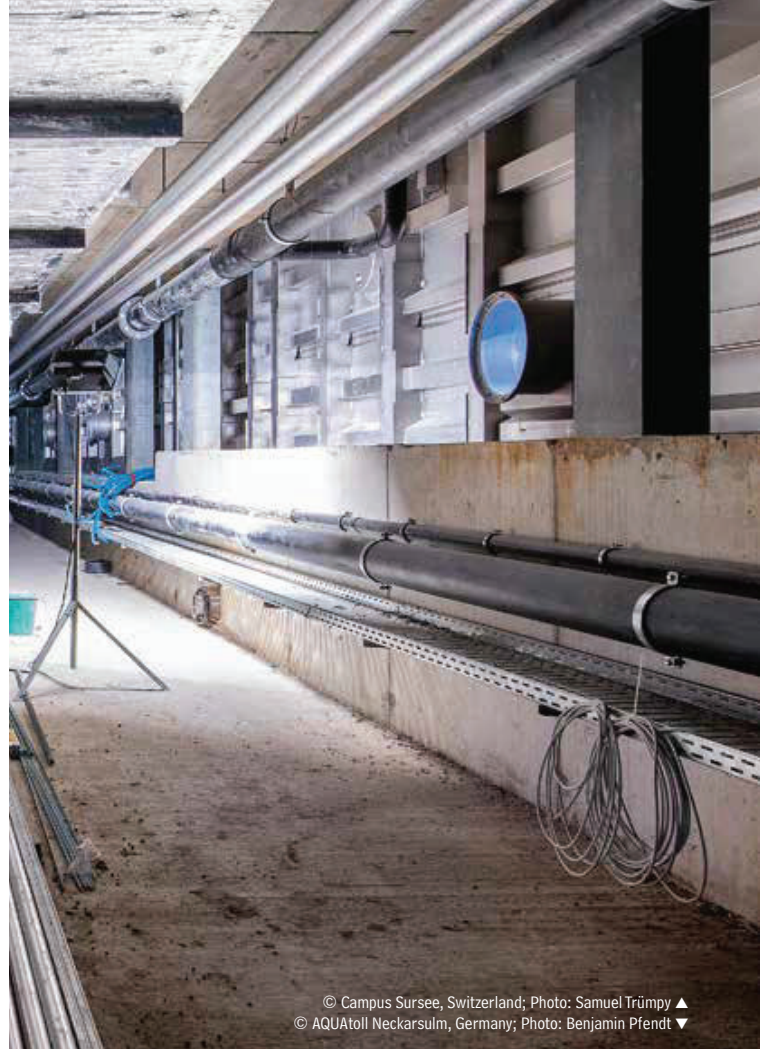
DYNAMIC ILLUMINATION

#	4.0291.00.41	#	4.0291.00.42	#	4.0291.00.43
COLOR	RGB-CW cold white 6000K	COLOR	RGB-WW warm white 3000K	COLOR	RGB-NW neutral white 4500K
LED	12 Multichip POW-LED	LED	12 Multichip POW-LED	LED	12 Multichip POW-LED
LUMEN	cold white: 2100 lm	LUMEN	warm white: 1800 lm	LUMEN	neutral white: 1920 lm
WATT	all on 75 W	WATT	all on 75 W	WATT	all on 75 W
POWER	CC 1400mA @12VDC	POWER	CC 1400mA @12VDC	POWER	CC 1400mA @12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 1x4.0 + 4x1.0 + 2x0.25 qmm	CABLE	UW, 1x4.0 + 4x1.0 + 2x0.25 qmm	CABLE	UW, 1x4.0 + 4x1.0 + 2x0.25 qmm
CONNECT	5.0630.09.52 max 1	CONNECT	5.0630.09.52 max 1	CONNECT	5.0630.09.52 max 1

USE IN SALT WATER

This spotlight is also available as a salt-water version. Spotlights for salty water (with a saltwater concentration of up to 3.5 %) are made of special V4A stainless steel 904L (1.4539).

” SAVE 6500 WATTS
PER HOUR.*
IT'S NEVER
BEEN EASIER.



© Campus Sursee, Switzerland; Photo: Samuel Trümpy ▲
© AQUAtoil Neckarsulm, Germany; Photo: Benjamin Pfendt ▼



This retrofit insert is intended for existing 4.2000 type spotlights, which are primarily installed in sports pools. The insert has everything for a hassle-free change to LED. Better lighting power, considerably less consumption, long service life, safety and sophisticated temperature management. The latter is important in order to put the spotlight back into operation in accordance with regulations, namely as a closed unit with a cover plate.

IT HAS NEVER BEEN EASIER. A CHANGE IN 5 STEPS

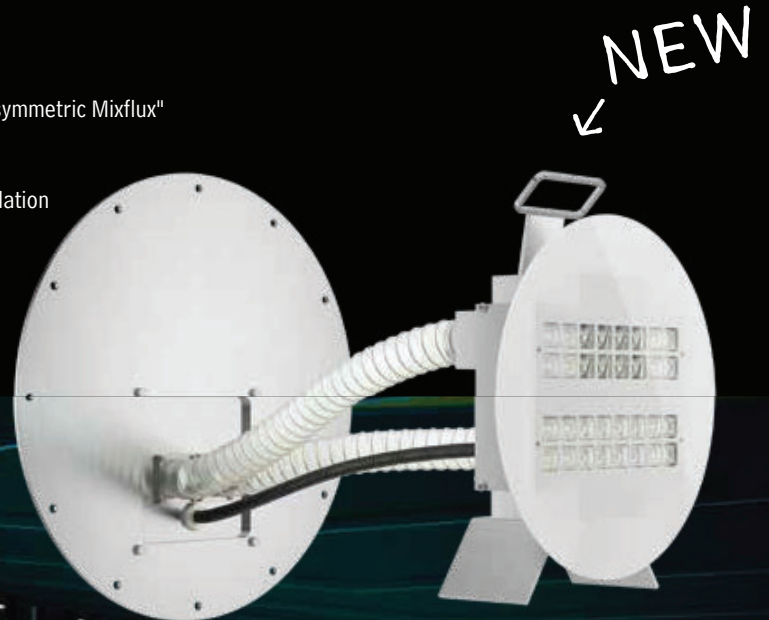
1. REMOVE OLD SPOTLIGHT UNIT
 2. PUSH-IN AND ALIGN THE NEW INSERT
 3. MOUNT THE COVER PLATE
 4. CLOSE THE INSPECTION FLAP
 5. CONNECT TO THE CONTROL DEVICE
- LIGHT ON

*Compared to 24 floodlights in a competition pool with 400 Watt each.

4.2013 RETROFIT-INSERTION FOR 4.2000

⚡ UP TO 18600 LUMEN LIGHT INTENSITY
SUSTAINABLE REPLACEMENT FOR 250/400 W HIT

- ☰ · Retrofit insertion for installation in existing spotlights 4.2000
- for retrofitting halogen to LED
- Entirely made of high-quality anodized aluminum
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- operating mode mono: constant voltage
- operating mode RGB-W: constant current
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- ...
- Delivered ready for connection
- incl. end cover with integrated access port for easy installation
- Constant-voltage power source/RGB-W controller ordered separately
- Supplied with 6.56' of special underwater cable



[+] CONFIGURATION

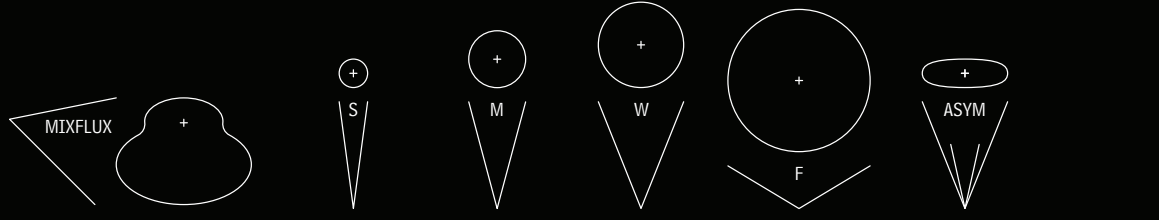
LIGHT COLORS



STANDARD

6000K cold white 4500K neutral white 3000K warm white RGB-6000K + cold white RGB-4500K + neutral white RGB-3000K + warm white

BEAM ANGLES



STANDARD

MIXFLUX
asymmetric

OPTION

SPOT
symmetrical

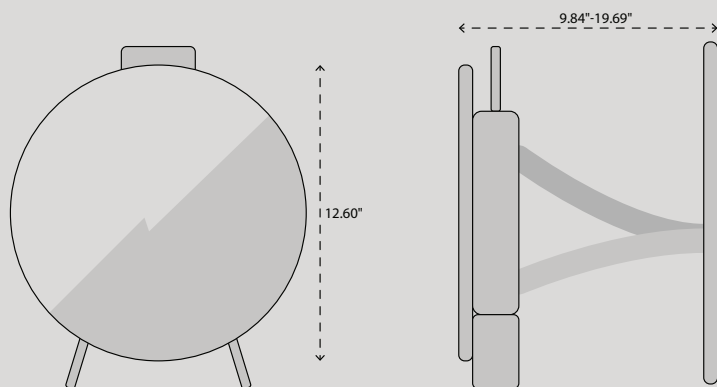
MEDIUM
symmetrical

WIDE
symmetrical

FLOOD
symmetrical

WIDE x SPOT
asymmetric

DIMENSIONS



4.2013 RETROFIT-INSERTION FOR 4.2000

ALU	POW-LED INCL	3000K 4500K 6000K	CONSTANT VOLTAGE KONSTANT SPANNUNG	CABLE INCL	max 9.84'	←	CE	III
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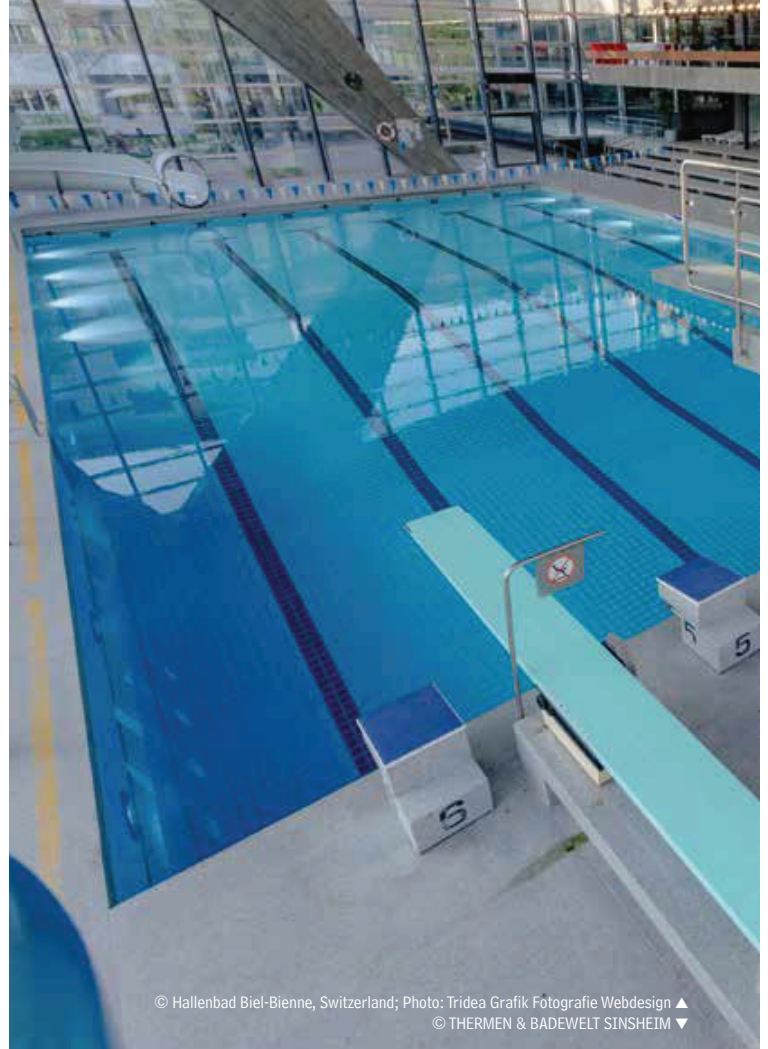
MONOCHROME ILLUMINATION

#	4.2013.00.11	#	4.2013.00.12	#	4.2013.00.13
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white
LED	32 POW-LED	LED	32 POW-LED	LED	32 POW-LED
LUMEN	18600 lm	LUMEN	15040 lm	LUMEN	16080 lm
WATT	total 124 W	WATT	total 124 W	WATT	total 124 W
POWER	CV 12VDC	POWER	CV 12VDC	POWER	CV 12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm
CONNECT	5.0630.20.32 max 1	CONNECT	5.0630.20.32 max 1	CONNECT	5.0630.20.32 max 1

DYNAMIC ILLUMINATION

#	4.2013.00.41	#	4.2013.00.42	#	4.2013.00.43
COLOR	RGB-CW cold white 6000K	COLOR	RGB-CW warm white 3000K	COLOR	RGB-CW neutral white 4500K
LED	32 Multichip POW-LED	LED	32 Multichip POW-LED	LED	32 Multichip POW-LED
LUMEN	cold white: 4640 lm	LUMEN	warm white: 3760 lm	LUMEN	neutral white: 4020 lm
WATT	all on 152 W	WATT	all on 152 W	WATT	all on 152 W
POWER	CC 12VDC	POWER	CC 12VDC	POWER	CC 12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 41x0.5 qmm	CABLE	UW, 41x0.5 qmm	CABLE	UW, 41x0.5 qmm
CONNECT	5.0670.59.52 max 1	CONNECT	5.0670.59.52 max 1	CONNECT	5.0670.59.52 max 1

” NEW SHINE
FOR OLDER
SPORTS POOLS.
ENDLESS
ADDED VALUE.



© Hallenbad Biel-Bienne, Switzerland; Photo: Tridea Grafik Fotografie Webdesign ▲
© THERMEN & BADEWELT SINSHEIM ▼



This retrofit insert is intended for existing 4.1900 type spotlights, which are primarily installed in sports pools. The insert has everything for a hassle-free change to LED. Better lighting power, considerably less consumption, long service life, safety and sophisticated temperature management. The latter is important in order to put the spotlight back into operation in accordance with regulations, namely as a closed unit with a cover plate.

IT HAS NEVER BEEN EASIER. A CHANGE IN 5 STEPS

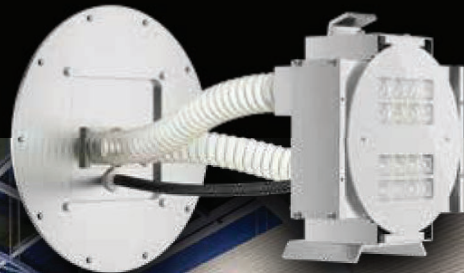
1. REMOVE OLD SPOTLIGHT UNIT
 2. PUSH-IN AND ALIGN THE NEW INSERT
 3. MOUNT THE COVER PLATE
 4. CLOSE THE INSPECTION FLAP
 5. CONNECT TO THE CONTROL DEVICE
- LIGHT ON

4.1913 RETROFIT-INSERTION FOR 4.1900

⚡ UP TO 9300 LUMEN LIGHT INTENSITY
SUSTAINABLE REPLACEMENT FOR 250 W HIT

- ☰ · Retrofit insertion for installation in existing spotlights 4.1900
- for retrofitting halogen to LED
- Entirely made of high-quality anodized aluminum
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- operating mode mono: constant voltage
- operating mode RGB-W: constant current
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- ...
- Delivered ready for connection
- incl. end cover with integrated access port for easy installation
- Constant-voltage power source/RGB-W controller ordered separately
- Supplied with 6.56' of special underwater cable

NEW
↙



[+] CONFIGURATION

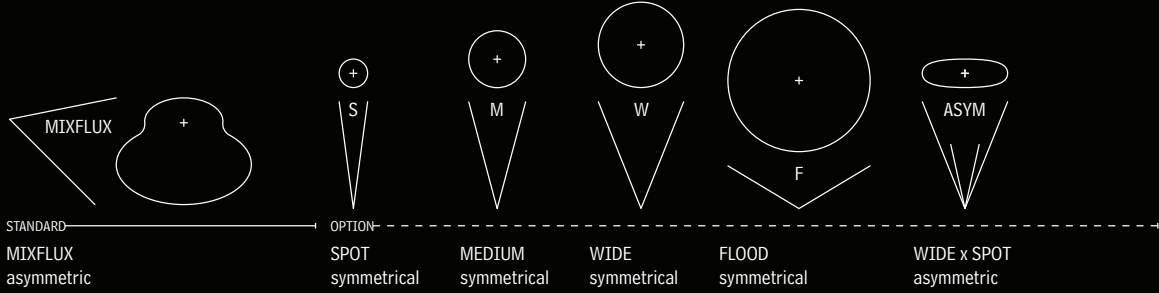
LIGHT COLORS



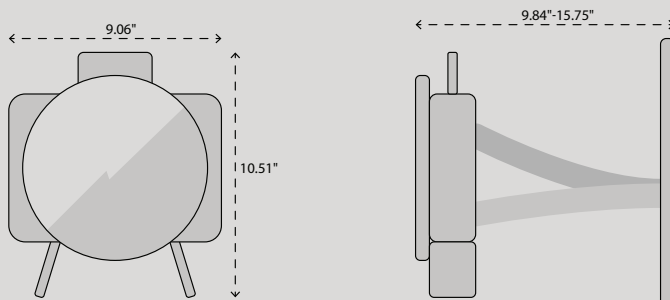
STANDARD

6000K cold white 4500K neutral white 3000K warm white RGB-6000K + cold white RGB-4500K + neutral white RGB-3000K + warm white

BEAM ANGLES



[+] DIMENSIONS



4.1913 RETROFIT-INSERTION FOR 4.1900

ALU	POW-LED INCL	3000K 4500K 6000K	CONSTANT VOLTAGE KONSTANT SPANNUNG	CABLE INCL	max 9.84'	←	CE	III
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MONOCHROME ILLUMINATION

#	4.1913.00.11	#	4.1913.00.12	#	4.1913.00.13
COLOR	6000K cold white	COLOR	3000K warm white	COLOR	4500K neutral white
LED	16 POW-LED	LED	16 POW-LED	LED	16 POW-LED
LUMEN	9300 lm	LUMEN	7520 lm	LUMEN	8040 lm
WATT	total 62 W	WATT	total 62 W	WATT	total 62 W
POWER	CV 12VDC	POWER	CV 12VDC	POWER	CV 12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm	CABLE	UW, 5x1.5 qmm
CONNECT	5.0630.20.16 max 1	CONNECT	5.0630.20.16 max 1	CONNECT	5.0630.20.16 max 1

DYNAMIC ILLUMINATION

#	4.1913.00.41	#	4.1913.00.42	#	4.1913.00.43
COLOR	RGB-CW cold white 6000K	COLOR	RGB-CW warm white 3000K	COLOR	RGB-CW neutral white 4500K
LED	16 Multichip POW-LED	LED	16 Multichip POW-LED	LED	16 Multichip POW-LED
LUMEN	cold white: 2320 lm	LUMEN	warm white: 1880 lm	LUMEN	neutral white: 2010 lm
WATT	all on 76 W	WATT	all on 76 W	WATT	all on 76 W
POWER	CC 12VDC	POWER	CC 12VDC	POWER	CC 12VDC
BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux	BEAM	asymmetric Mixflux
CABLE	UW, 25x0.5 qmm	CABLE	UW, 25x0.5 qmm	CABLE	UW, 25x0.5 qmm
CONNECT	5.0670.39.52 max 1	CONNECT	5.0670.39.52 max 1	CONNECT	5.0670.39.52 max 1

← RETROFIT YOUR
OLD SPOTLIGHTS

LARC68: HIGHLY RESISTANT
ARCHITECTURAL LIGHTING



A vertical photograph of a lighthouse at night. The lighthouse is a tall, cylindrical stone tower with a red door at the base and a glowing lantern room at the top. In the foreground, a long, low stone wall runs from the bottom left towards the lighthouse. The wall has several circular recessed lights that are illuminated. To the left of the wall, waves are crashing, creating a large splash of white water. The sky is dark blue, and the overall scene is lit with a mix of the warm light from the lighthouse and the cool blue tones of the night.

AVAILABLE SOON



LARC68

highly resistant architectural lighting **by** WIBRE



SIZE	POWER	ENERGY	PROTECT	STAINLESS STEEL
7.64 IN	1800 LM	12 W	IP68 SYSTEM	V4A 316TI
SMART	COLOR		SAFETY	PROTECT
RGB-W DYN-W	2700K 3000K 4500K 6000K		12 VDC	TEMP CONTROL
DIMM	BEAM		MULTIPLE	ASSISTANCE
DALI DMX	SPOT MEDIUM FLOOD ASYMMETRIC		FEA- TURES	LONG-TERM SUPPORT



SIZE	POWER	ENERGY	PROTECT	STAINLESS STEEL
9.61 IN	3600 LM	25 W	IP68 SYSTEM	V4A 316TI
SMART	COLOR		SAFETY	PROTECT
RGB-W DYN-W	2700K 3000K 4500K 6000K		12 VDC	TEMP CONTROL
DIMM	BEAM		MULTIPLE	ASSISTANCE
DALI DMX	SPOT MEDIUM FLOOD ASYMMETRIC		FEA- TURES	LONG-TERM SUPPORT

UPGRADES



ANTI-GLARE
UNIT



CONNECT
UNIT



WATER
STOPPER



PIVOTABLE
EXTERNAL



230 V DIRECT
CONNECTION

HIGHLY RESISTANT ARCHITECTURAL LIGHTING FOR

ARCHITECTURE
COASTS
HARBORS
FLOODED AREAS
DIKES

...

BY WIBRE

AVAILABLE SOON

LARC68

THE ALL NEW VARIABLE INGROUND SPOTLIGHT

THESE INGROUND SPOTLIGHTS PROVIDE THE SAME HIGH DEGREE OF PROTECTION AS OUR WORLD FAMOUS UNDERWATER SPOTLIGHTS, ABOVE ALL IP68. HIGHLY RESISTANT AGAINST WATER AND SALTY AIR. THE SERIE ALSO IMPRESSES WITH ITS UNSURPASSED FLEXIBILITY.



← LARC68: HIGHLY RESISTANT
ARCHITECTURAL LIGHTING

THIS IS WIBRE →

WIBRE

PIONEER, FAMILY-OWNED BUSINESS AND WORLD MARKET LEADER

The name WIBRE stands for the company founder Wilhelm BREuninger. His pioneering work continues into the 4th generation. As a leading international family business, it is our highest claim to offer you first-class and durable quality spotlights. Manufactured in Germany. Developed for the world. Handmade for your project.





ONE HUNDRED YEARS A SUCCESS STORY WITH A BRIGHT FUTURE

Only by constantly looking ahead can we write history.
Since 1919 we have been developing and producing electrical devices of various kinds
and since the 50s we have been producing luminaires for underwater use.
20 years ago we started the development of LED spotlights.
Back then and today, ground-breaking.

LIGHT AND WATER

ELEMENTS FOR OUR PASSION

Uniting the life elements water and light is what we strive for.
We are passionate about developing waterproof light to perfection.
The permanent function under water is our claim.
Our aim: inspiring you with our light.





STAINLESS STEEL

THE MATERIAL OUR SPOTLIGHTS ARE MADE OF

The backbone for a long service life is our high-quality and carefully selected stainless steel protecting the inner life of the spotlight from all external influences, in the truest sense of the word. No plastic, no aluminium, no gunmetal.

Our specially treated V4A stainless steel for fresh water (1.4571) and salt water (1.4539) is corrosion-resistant and delivers what we promise: 10 years warranty.

*Guarantee conditions can be found at wibre.de/warranty.

LIGHTING TECHNOLOGY

OPTIMUM PERFORMANCE WITH LONG SERVICE LIFE

We aim at lighting each object in an optimal way.

This can only be achieved with powerful light and the right technology. Modular quality LED modules in variable light colours and RGB-W, combined with different optics guarantee customer-specific lighting. Each individual spotlight is adapted to the type of application in terms of luminous intensity and light spreading characteristics.





GUARANTEED DURABILITY OUR PROMISE IN BLACK AND WHITE

No empty words and no fine print.

You receive a 10-year guarantee against rusting through on all installation pots and lamp housing made of stainless steel, as well as 5 years warranty on all spotlights of the CENTUM[®] series.

*Guarantee conditions can be found at wibre.de/warranty.

CERTIFIED QUALITY CONSIDERED VERY GOOD

As a basis for the CENTUM[®] series, we have had tested the spotlight 4.0292 by an independent body. Without reservation, extraordinarily long service life and quality have been attested. And this applies to all our products.





WITH CERTAINTY SAFE WITHOUT ANY ROUGH EDGES

No sharp edges, no sharp corners, no dangerous gap.
All spotlights are geared to safety, both in design and electrical terms. Based on 12VDC low voltage, we meet the recommendation of the VDE standard for public bathing areas. For sure.

CONTROLLED QUALITY

TRUST IS GOOD, CONTROL IS BETTER

Of course every single spotlight is individually checked from A to Z before it arrives at your premises. A 100 percent quality assurance is our promise to you. Trust us - we control.



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LIGHT UP THE WORLD'S WATER.

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CONTACT

DESIGNPLAN LIGHTING INC

WWW.DESIGNPLAN.COM

908.996.7710

