

Undervatten- & fontänbelysning



Malux är sedan 60-talet generalagent för Wibre specialbelysningar, och Sveriges största och mest erfarna leverantör av undervattens- och fontänbelysning.

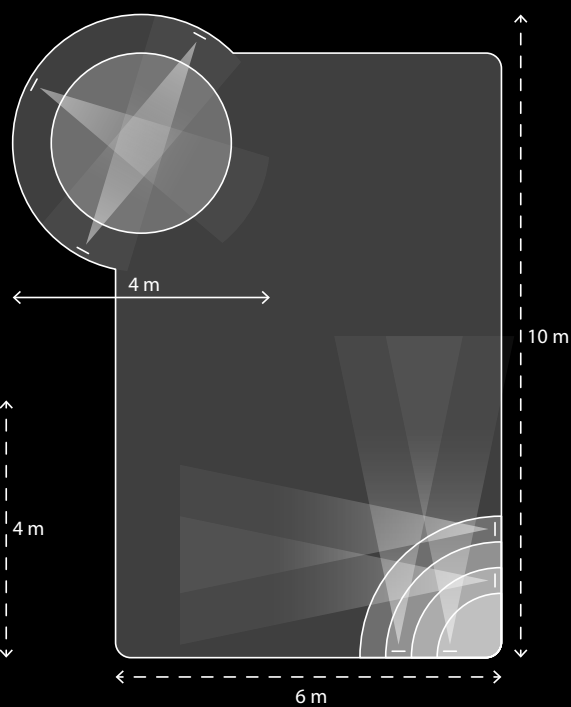
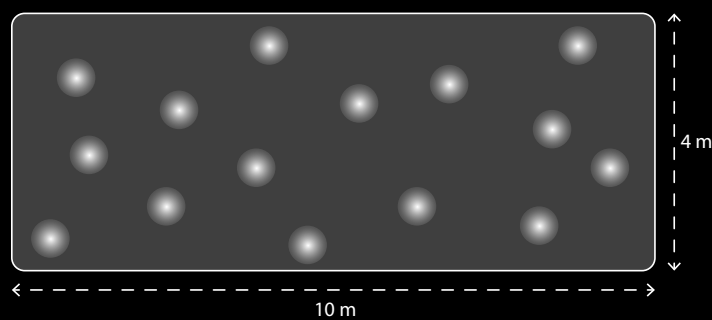
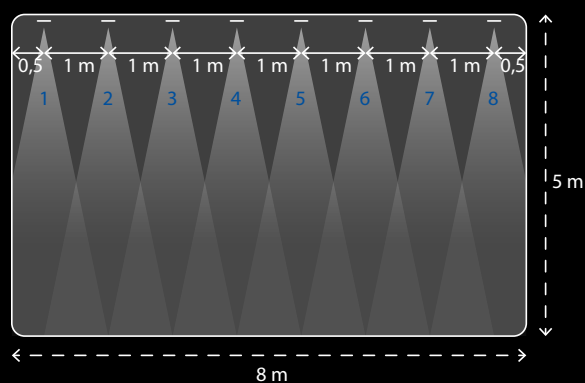
Malux
solutions

” UNBELIEVABLE
VARIETY AND
DESIGN POSSIBILITIES
WITH A SMALL
SPOTLIGHT.



≈ TYPICAL APPLICATIONS

Individual effect lighting symmetrically as wall installation (recommendation: approximately one light per 1-meter pool length 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 5m water depth
- ☞ Entirely made of stainless steel 316Ti 1.4571
- ☞ Round attachment cover, made of stainless steel 316Ti, height 2 mm
- ☞ ...
- ☞ 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 1.5 m cable protection tube
- ☞ Supplied with lamp and 3m of underwater cable

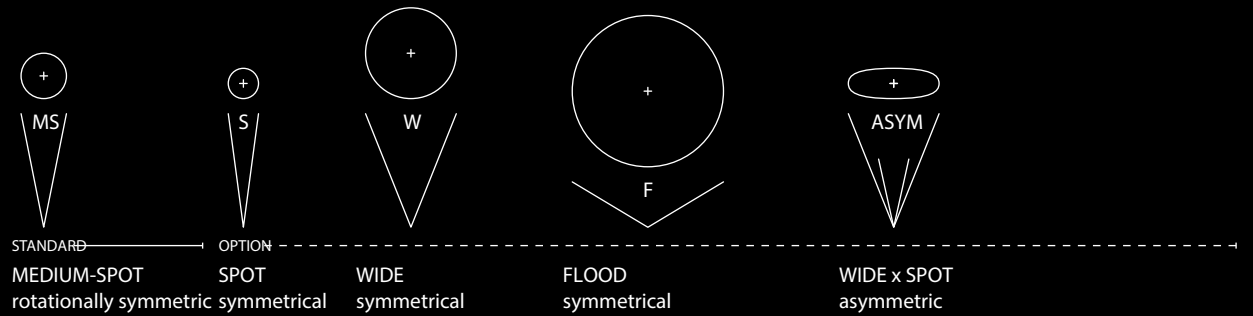


[+] CONFIGURATION

LIGHT COLORS



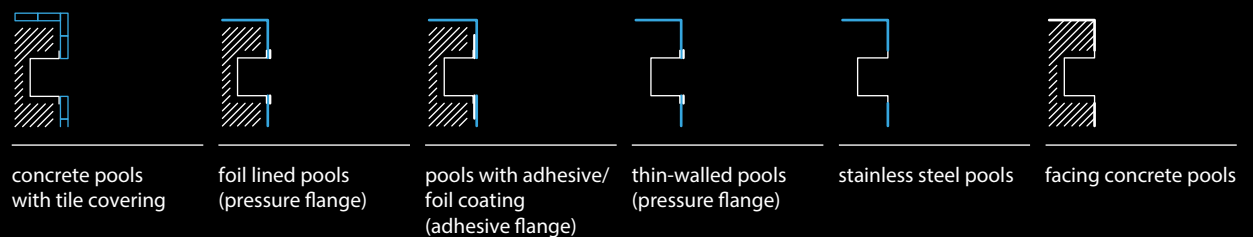
BEAM ANGLES



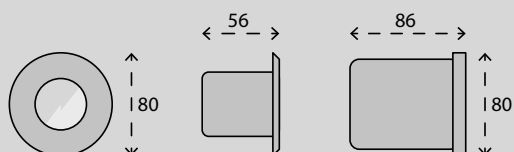
ADDITIONAL PARTS



INSTALLATION TYPES



[+] DIMENSIONS



4.0052 RECESSED-SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3.000 K 4.500 K 6.000 K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 5m		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 @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC
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-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 @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC
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 (12V-DC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12V-DC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12V-DC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12V-DC) 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 1.5 m 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 ø 80 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for wall installation or installation in thin-walled pools and tiled pools (pressure flange ø 84 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for wall installation, for installation in pools with adhesive foil coating (adhesive flange ø 150 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in the ground up to water depth 1,30 m, for welding into stainless steel pools and for installation in concrete pools with tile covering (Housing depth 110 mm, base plate ø 120 mm with fixing/alignment possibility, flange ø 80 mm)

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).

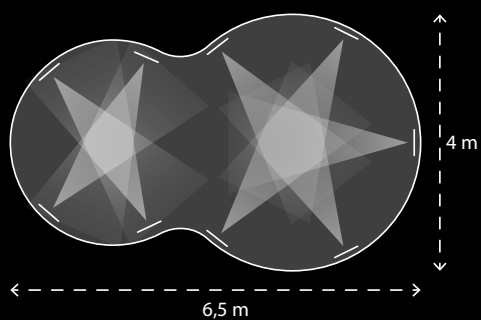
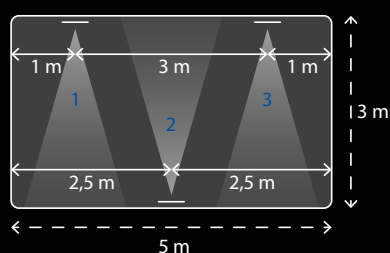
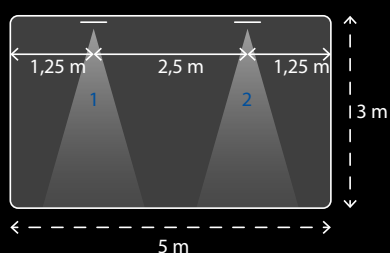
” PERFECTION
IN DESIGN AND
FUNCTIONALITY -
WITHOUT
IFS AND BUTS.



© St. Martins Therme & Lodge, Photo: Alexander Wieser, Dealer
© Paradise City, SPA & Pools, Incheon, Korea; Lighting Designer: EON SLD; Lighting Supplier: J.L. Corp.

≈ TYPICAL APPLICATIONS

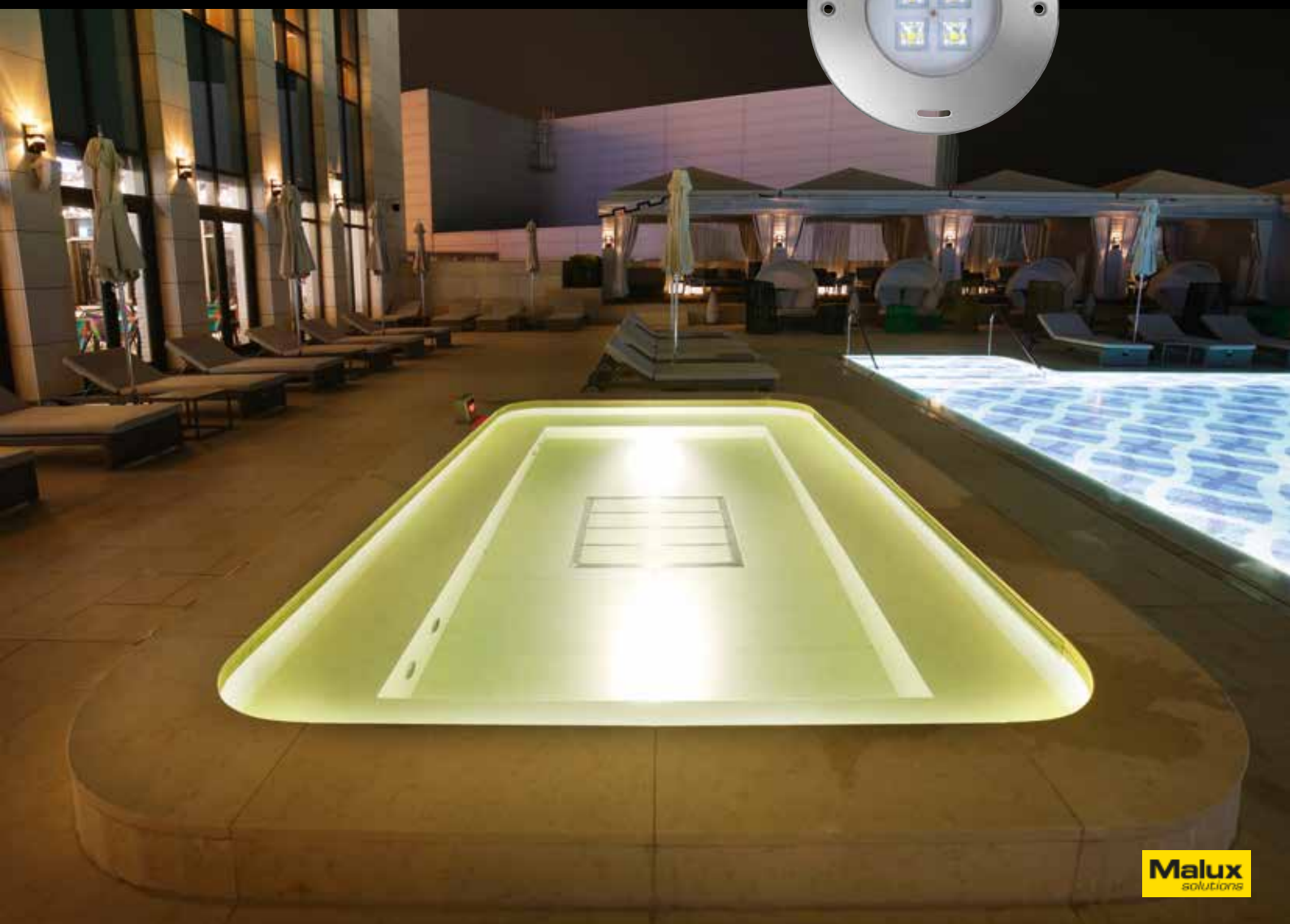
For pools up to 3 or 4 metres wide, choose a single-sided arrangement or offset positioning of the spotlights on both sides. This luminaire allows for individual design - one spotlight is recommended for every 2 metres of pool length. Organically shaped pools show the best effect with an even arrangement.



4.0102 RECESSED-SPOTLIGHT

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

- Protection class IP68 – up to 5m water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round and square attachment cover, made of stainless steel 316Ti, height 2 mm
- ...
- 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 1.5 m cable protection tube
- Supplied with 3 m of special underwater cable

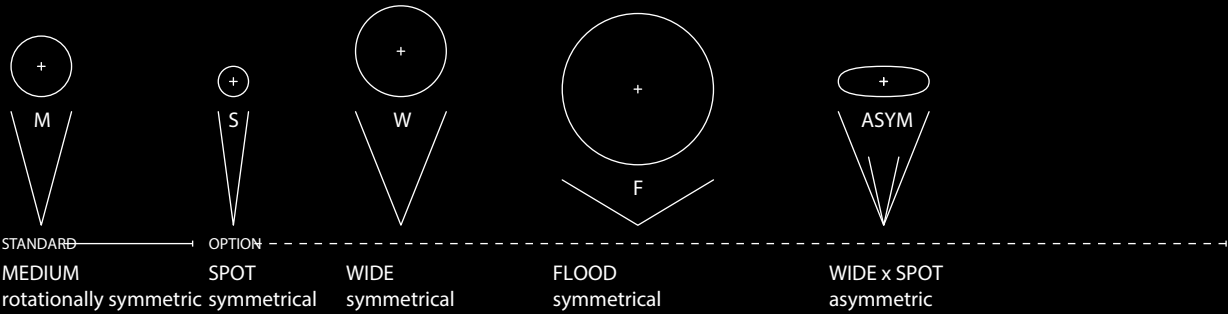


[+] CONFIGURATION

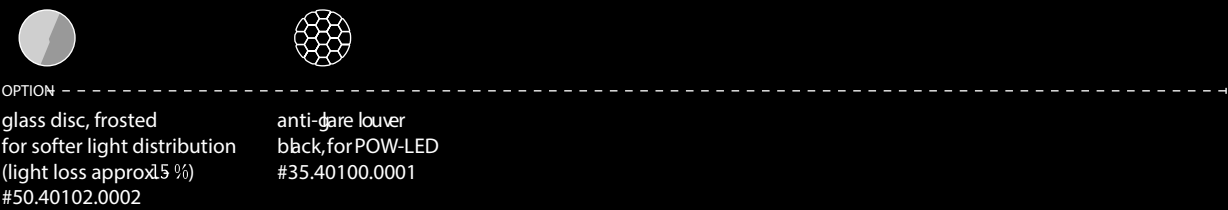
LIGHT COLORS



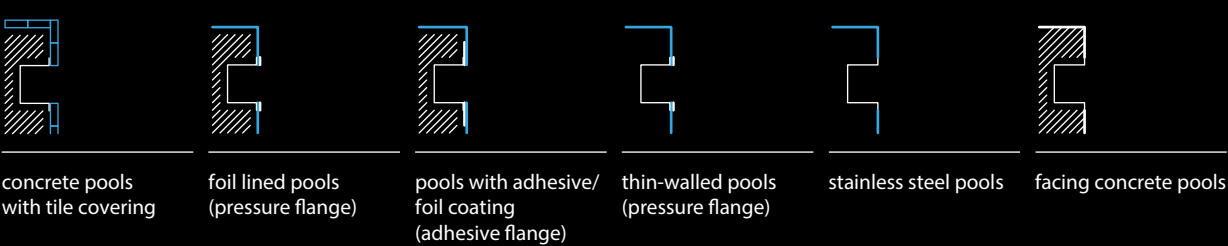
BEAM ANGLES



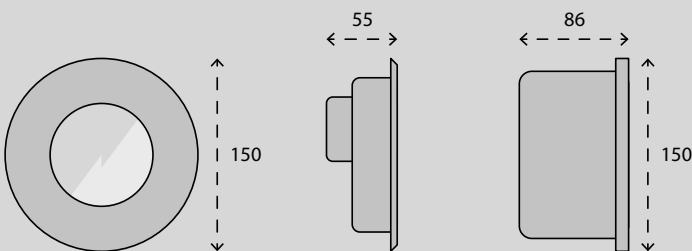
ADDITIONAL PARTS



INSTALLATION TYPES

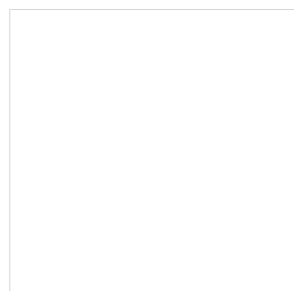


⌄ DIMENSIONS



4.0102 RECESSED-SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3.000 K 4.500 K 6.000 K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 5m			CE	III
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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 @12 V-DC	POWER	CC 1200mA @12 V-DC	POWER	CC 1200mA @12 V-DC	POWER	CC 1200mA @12 V-DC
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 (without mounting housing)	CONNECT	5.0630.10.04 max 1 (without mounting housing)	CONNECT	5.0630.10.04 max 1 (without mounting housing)	CONNECT	5.0630.10.04 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 @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC
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 (12V-DC) or 3 (SELV)	CONNECT	5.0635.19.52 max 1 (12V-DC) or 3 (SELV)	CONNECT	5.0635.19.52 max 1 (12V-DC) or 3 (SELV)	CONNECT	5.0635.19.52 max 1 (12V-DC) 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 1.5 m 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 1.5m protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange ø 155 mm)	for squared cover, made of V4A stainless steel with 1.5m protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange 155 x 155 mm)	for round and squared cover, made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foam coating (adhesive flange ø 250 mm)

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).

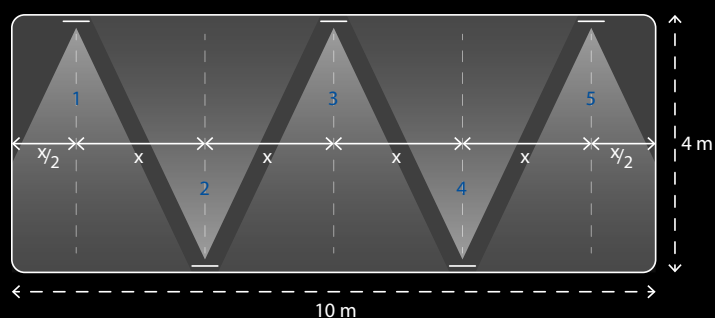
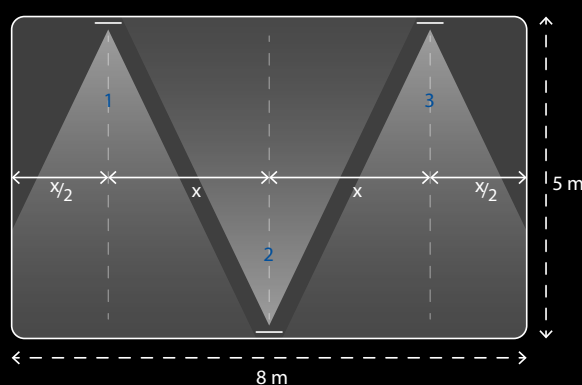
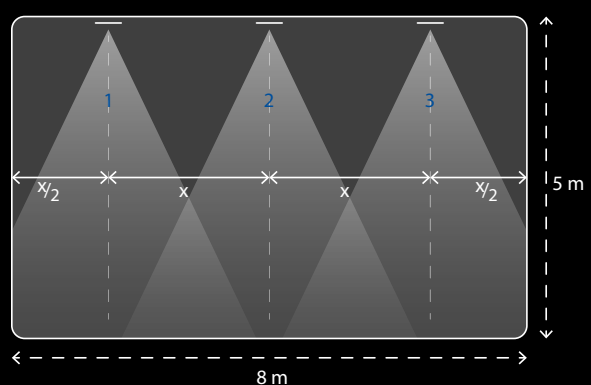
” COMPACT,
EFFECTIVE,
POWERFUL.
THE ALL-ROUNDER
FOR POOL LIGHTING.



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≈ TYPICAL APPLICATIONS

For pools in standard sizes up to 5 metres wide, 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 2 to 3 metres is recommended.



4.0202 SWIMMINGPOOL-LIGHT

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

- 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 2 mm
- ...
- 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 1.5 m cable protection tube
- Supplied with 5 m of special underwater cable

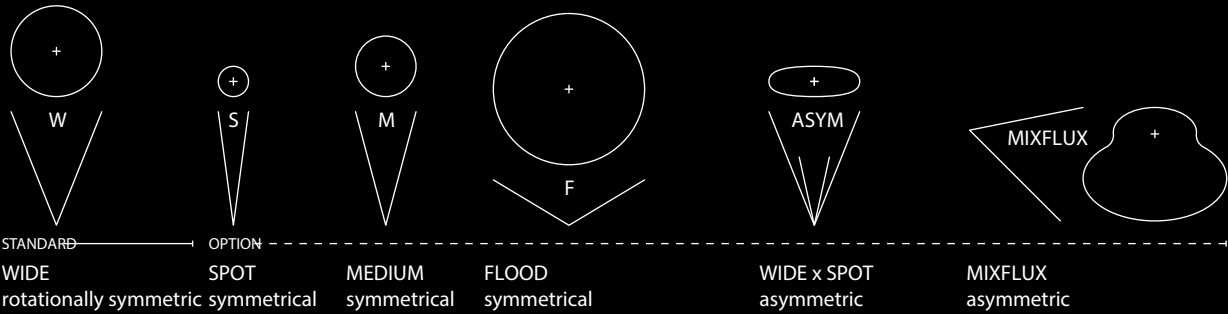


[+] CONFIGURATION

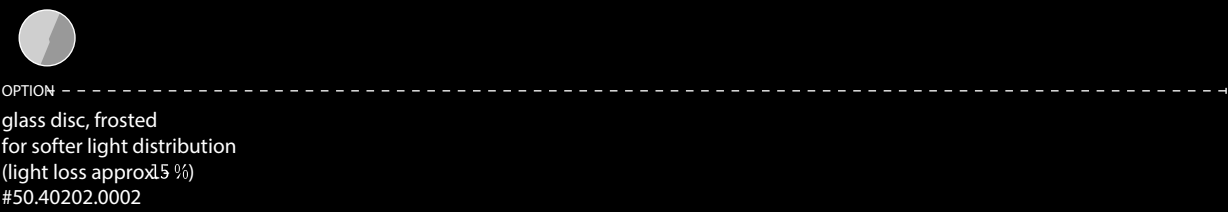
LIGHT COLORS



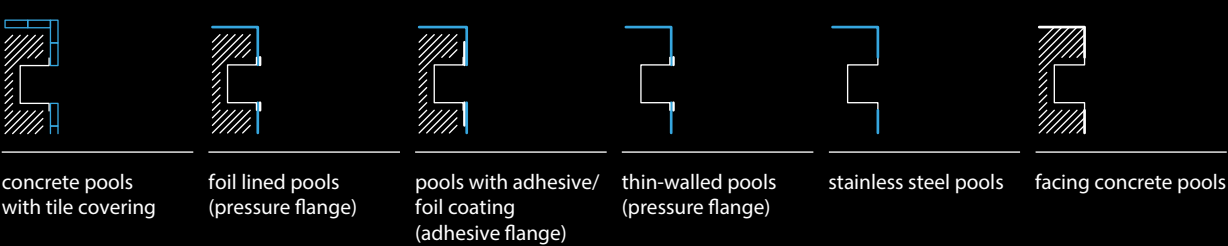
BEAM ANGLES



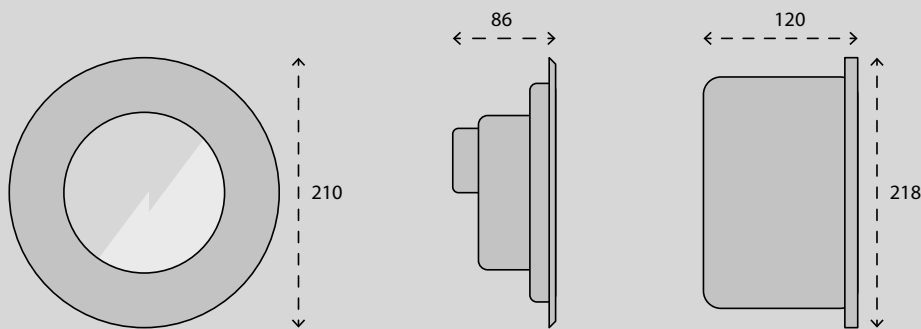
ADDITIONAL PARTS



INSTALLATION TYPES

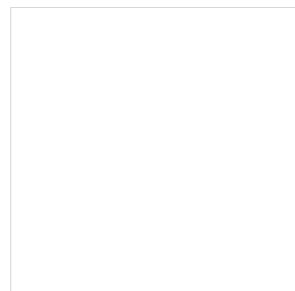


⚙️ DIMENSIONS



4.0202 SWIMMINGPOOL-LIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3.000 K 4.500 K 6.000 K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 5m			CE	
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MONOCHROME ILLUMINATION

#	4.0202.00.11	#	4.0202.00.12	#	4.0202.00.13	#	4.0202.00.16
COLOR	6.000K cold white	COLOR	3.000K warm white	COLOR	4.500K 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 @12 V-DC	POWER	CC 2400mA @12 V-DC	POWER	CC 2400mA @12 V-DC	POWER	CC 2400mA @12 V-DC
BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch
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 @12 V-DC	POWER	CC 700mA @12 V-DC	POWER	CC 700mA @12 V-DC	POWER	CC 700mA @12 V-DC
BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch
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 1.5 m protective cable tube and M20 plastic terminating connection, for installation in concrete pools with tile covering	made of V4A stainless steel with 1.5m protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange ø 218 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange ø 360 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for facing concrete and for welding into stainless steel pools

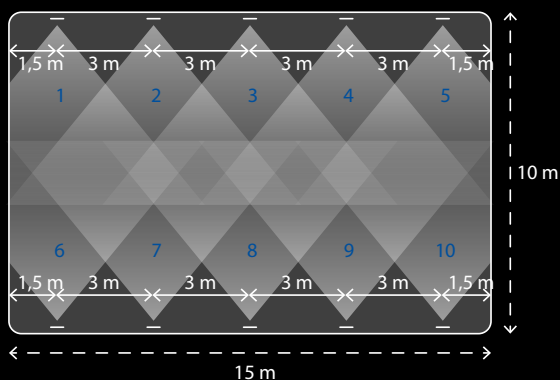
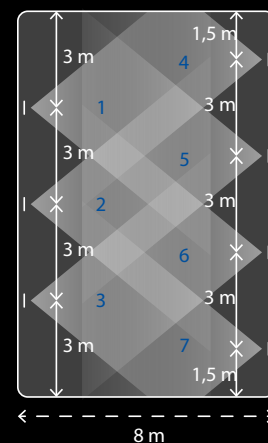
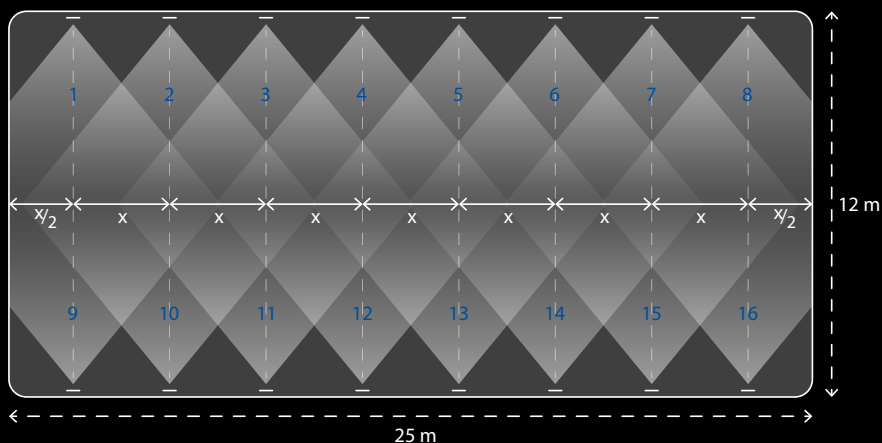
” THE BESTSELLER
FOR GENERATIONS.
THE ULTIMATE IN
PERFORMANCE
AND QUALITY.



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≈ TYPICAL APPLICATIONS

Starting from a pool width of 8 metres, choose an opposite arrangement of the spotlights, with a distance of approximately 3 metres 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 5m water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 2 mm
- ...
- 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 1.5 m cable protection tube
- Supplied with 5 m of special underwater cable

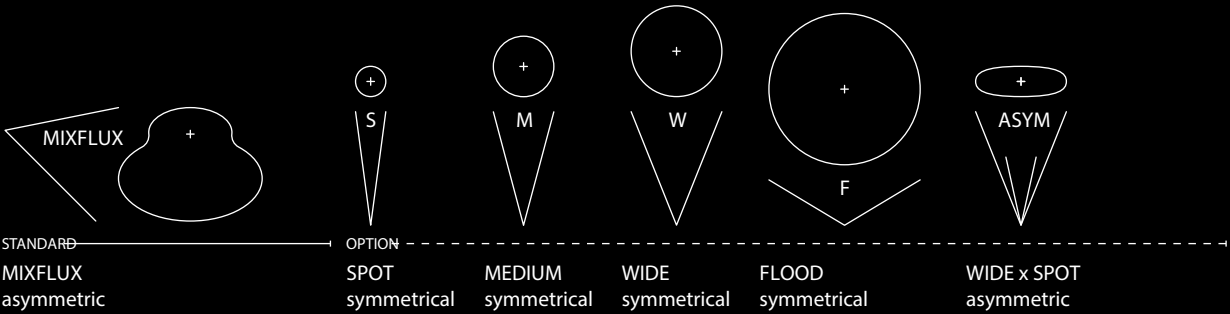


[+] CONFIGURATION

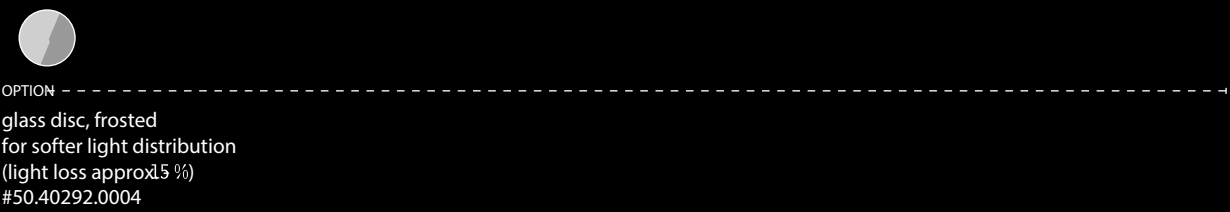
LIGHT COLORS



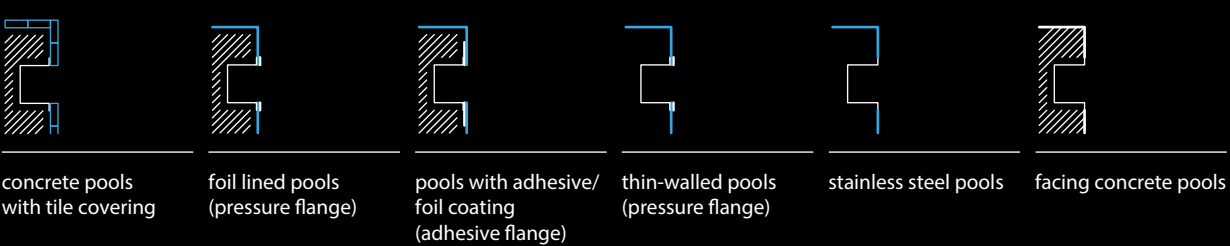
BEAM ANGLES



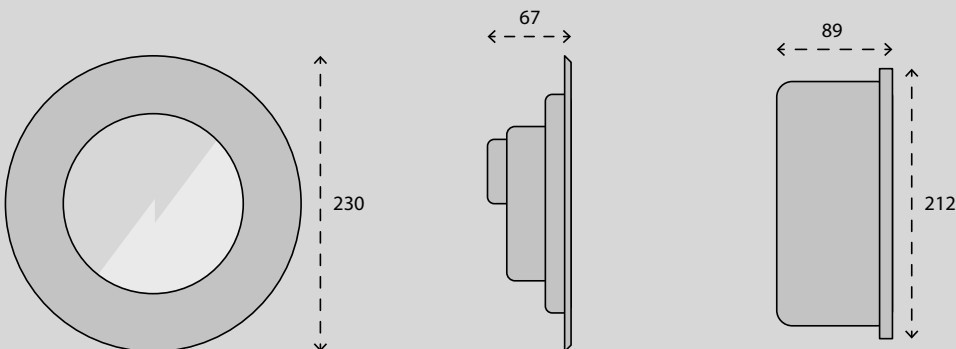
ADDITIONAL PARTS



INSTALLATION TYPES



⌄ DIMENSIONS



4.0292 SWIMMINGPOOL-LIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3.000 K 4.500 K 6.000 K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 5m	max 5m	max 5m	CE	III
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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 @12 V-DC	POWER	CC 3600mA @12 V-DC	POWER	CC 3600mA @12 V-DC	POWER	CC 3600mA @12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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 @12 V-DC	POWER	CC 1400mA @12 V-DC	POWER	CC 1400mA @12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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	# 4.0292.02.00	# 4.0292.03.00
made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in stainless steel pools and for installation in concrete pools with tile covering	made of V4A stainless steel with 1.5m protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil lined pools (pressure flange ø 244 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange ø 350 mm)

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).

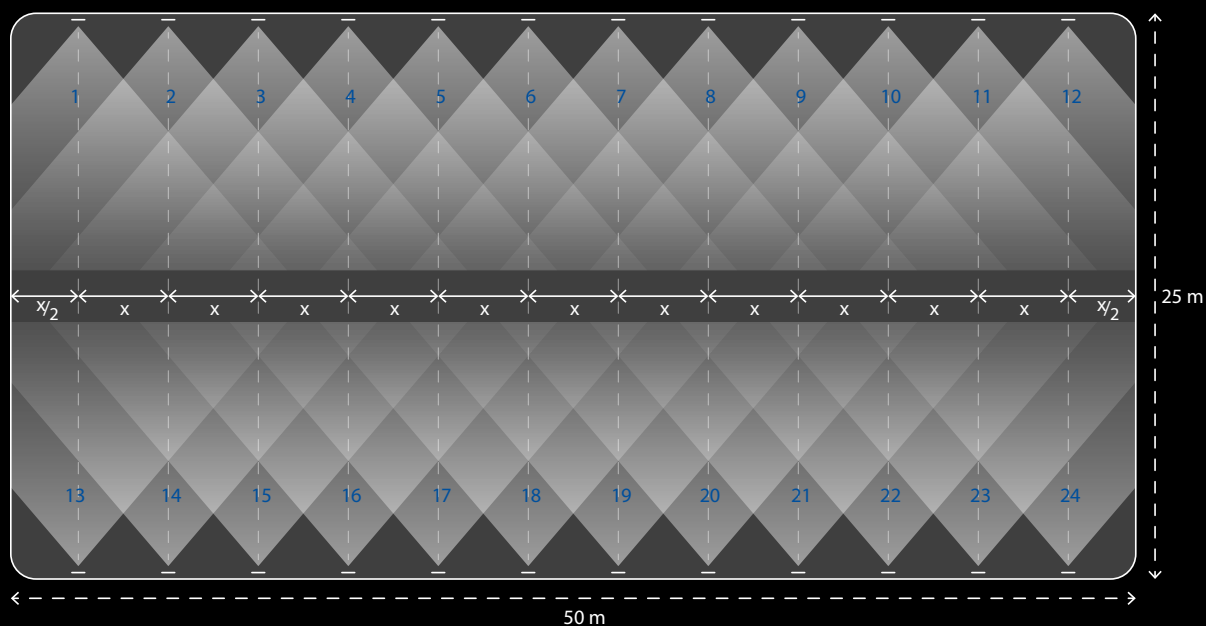
” PEAK PERFORMANCE FOR
HIGH PERFORMANCES.
A POWER-PACK -
AS SIMPLE AS
NEVER BEFORE.



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

≈ TYPICAL APPLICATIONS

With a distance of about 4 metres 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 25 x 12 metres, 5 to 6 spotlights per side are intended. The positioning can also be done in a diagonally offset way.

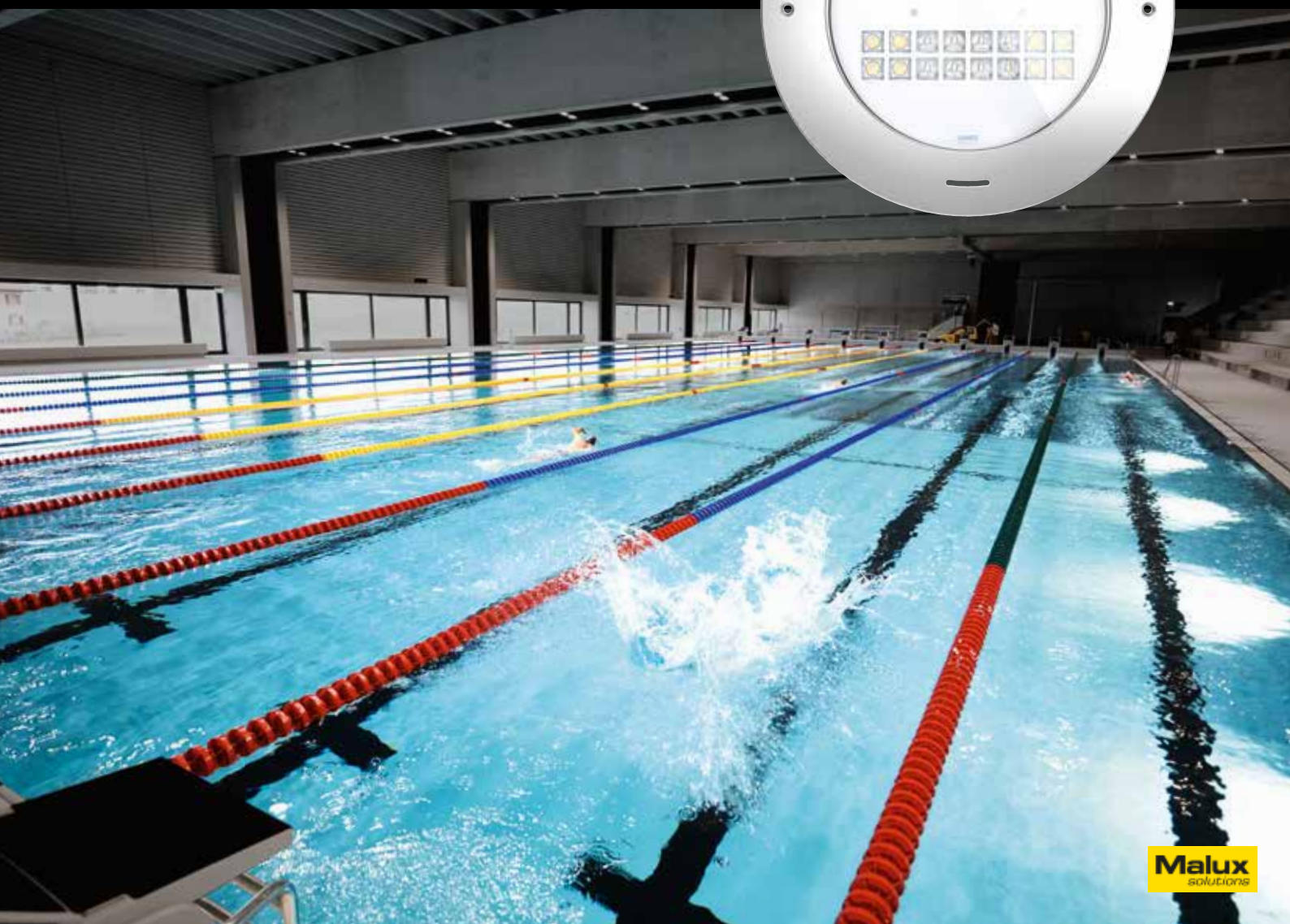


4.0492 SWIMMINGPOOL-LIGHT

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

- Protection class IP68 – up to 5m water depth
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 2 mm
- ...
- 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 1.5 m cable protection tube
- Supplied with 5 m of special underwater cable

NEW



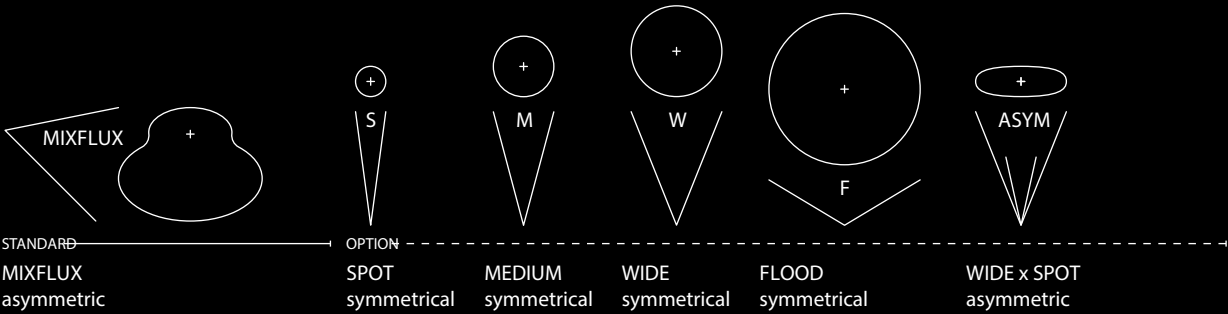
[+] CONFIGURATION

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

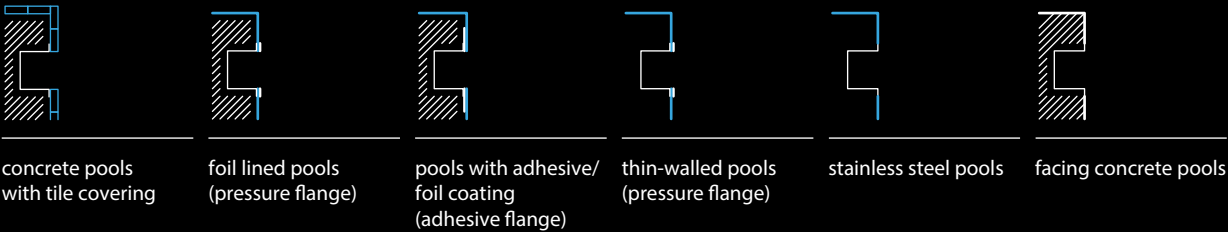


ADDITIONAL PARTS

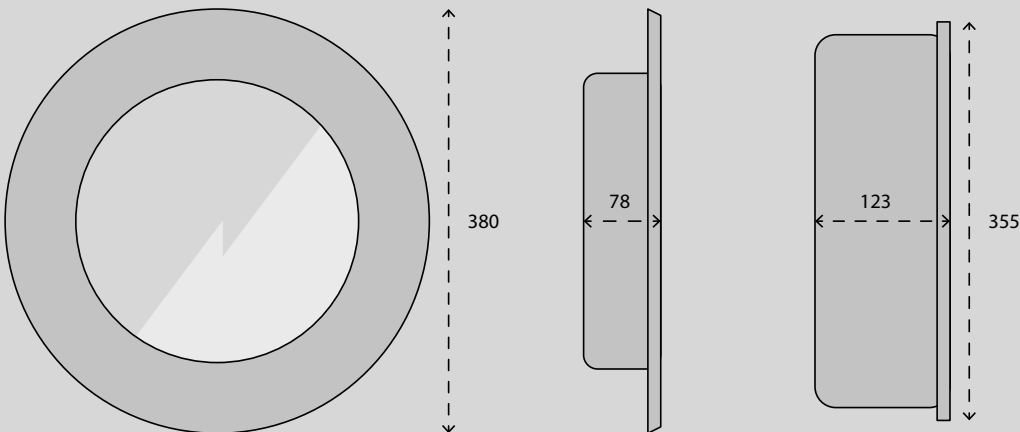


OPTION
glass disc, frosted
for softer light distribution
(light loss approx. 5 %)

INSTALLATION TYPES

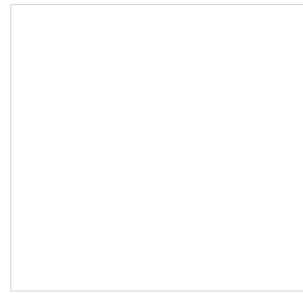
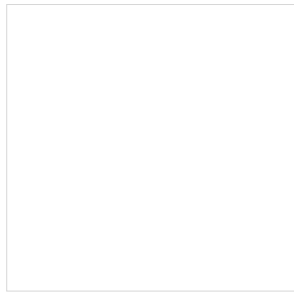


[+] DIMENSIONS



4.0492 SWIMMINGPOOL-LIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3.000 K 4.500 K 6.000 K BLUE	RGB-W	CONSTANT CURRENT CONSTANT VOLTAGE	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 5m	←	⌋	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 12 V-DC	POWER	CV 12 V-DC	POWER	CV 12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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 12 V-DC	POWER	CC 12 V-DC	POWER	CC 12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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 1.5 m protective cable tube and M20 plastic terminating connection, for installation in stainless steel pools and for installation in concrete pools with tile covering	made of V4A stainless steel with 1.5 m 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 1.5 m 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



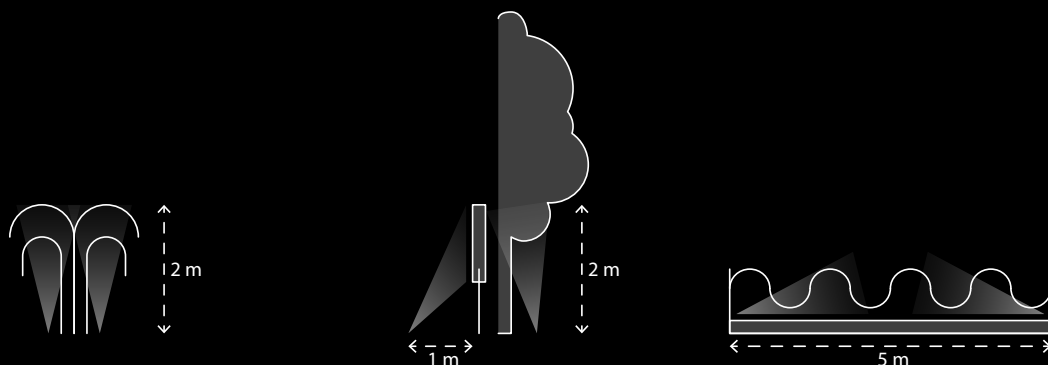
” LIGHT TO THE POINT.
ELEGANT AND
HARDLY BIGGER
THAN A TENNIS BALL.



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

≈ TYPICAL APPLICATIONS

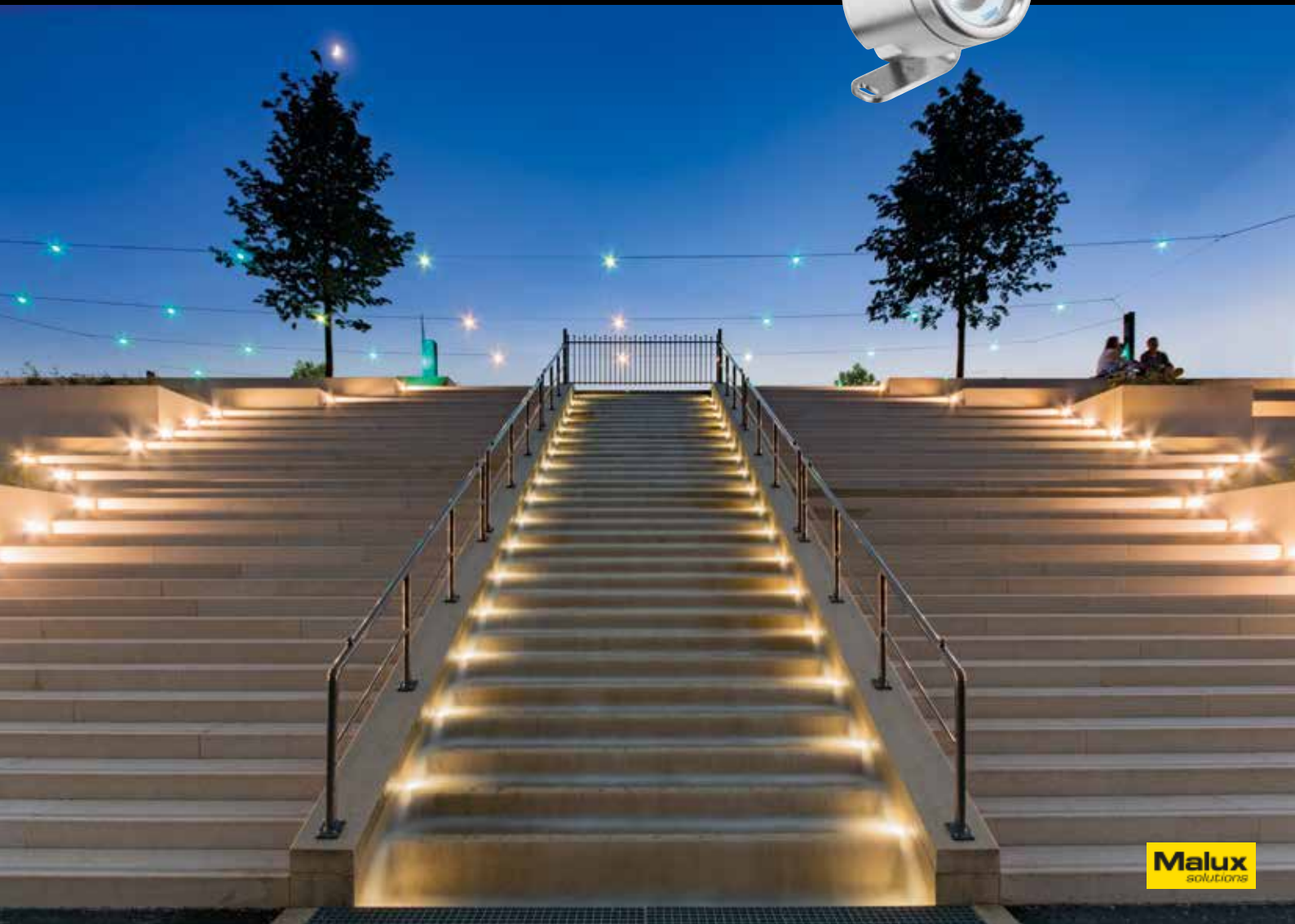
Suitable for fountains up to a water height of 2 metres. Variable object lighting outside the water is also possible, for example in gardens. Flat water basins and trick fountains can be individually illuminated by the infinitely variable swivel spotlight.



4.0050 SURFACE-MOUNTED SPOTLIGHT

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

- Protection class IP68 – up to 3m 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 3m of underwater cable

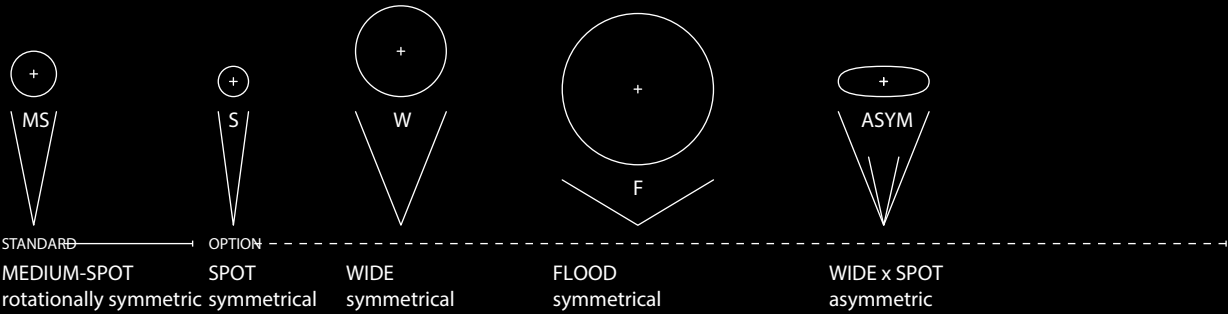


[+] CONFIGURATION

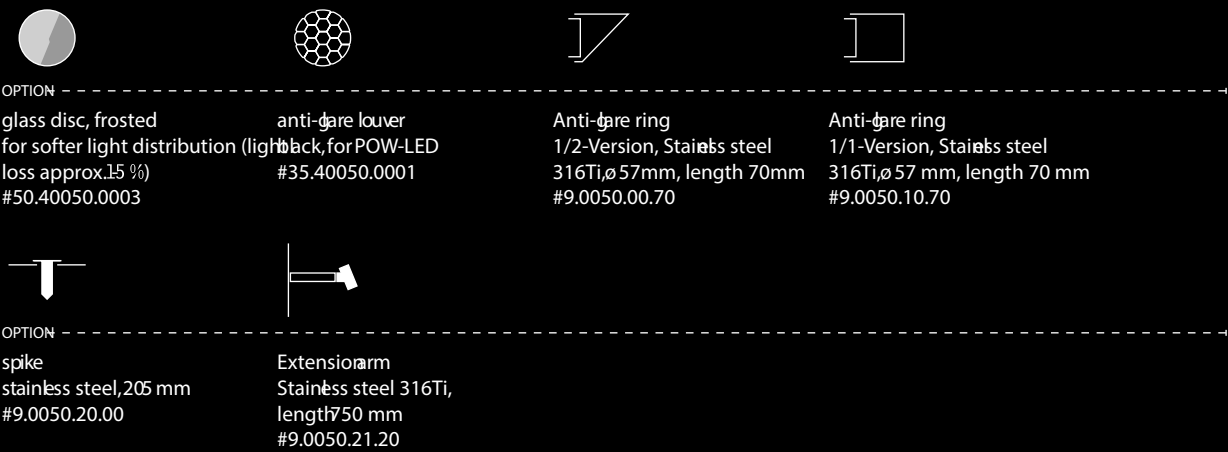
LIGHT COLORS



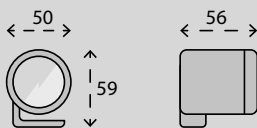
BEAM ANGLES



ADDITIONAL PARTS

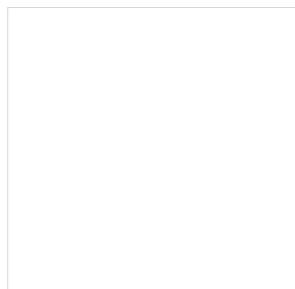
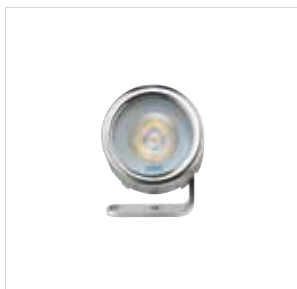


⌄ DIMENSIONS



4.0050 SURFACE-MOUNTED SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3.000 K 4.500 K 6.000 K	RGB-W	DYNAMIC WHITE	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 3m	90°	CE	III
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MONOCHROME ILLUMINATION



#	4.0050.30.11	#	4.0050.30.12	#	4.0050.30.13
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 @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC
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 @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC	POWER	CC 350mA @12 V-DC
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 (12V-DC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12V-DC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12V-DC) or 12 (SELV)	CONNECT	5.0635.19.52 max 3 (12V-DC) or 12 (SELV)

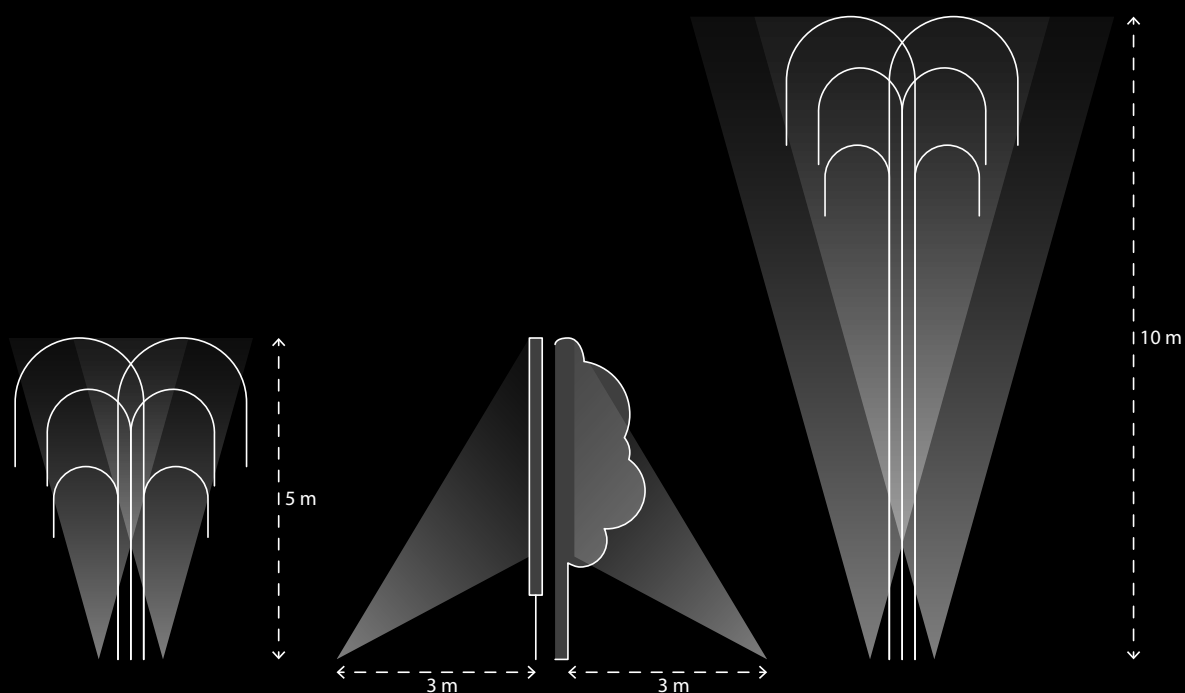
” MADE TO STAND OUT.
IN DESIGN,
IN DYNAMISM,
IN PERFORMANCE.



© Herrenhäuser Gärten, Hannover, Germany; Planner: TGL Planungsgemeinschaft, Liegenschaft mbH
© Place Jean Jaurès, Tours, France; Photo: Caroline Gascht; Partner: MW MarvWay

≈ TYPICAL APPLICATIONS

For fountains up to 5 metres 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 10 metres.



4.0100 SURFACE-MOUNTED SPOTLIGHT

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

- Protection class IP68 – up to 3m 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 3 m of underwater cable

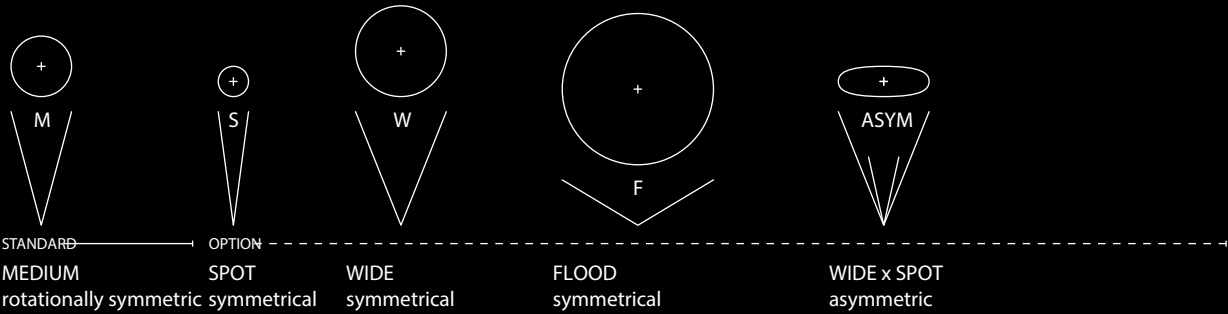


[+] CONFIGURATION

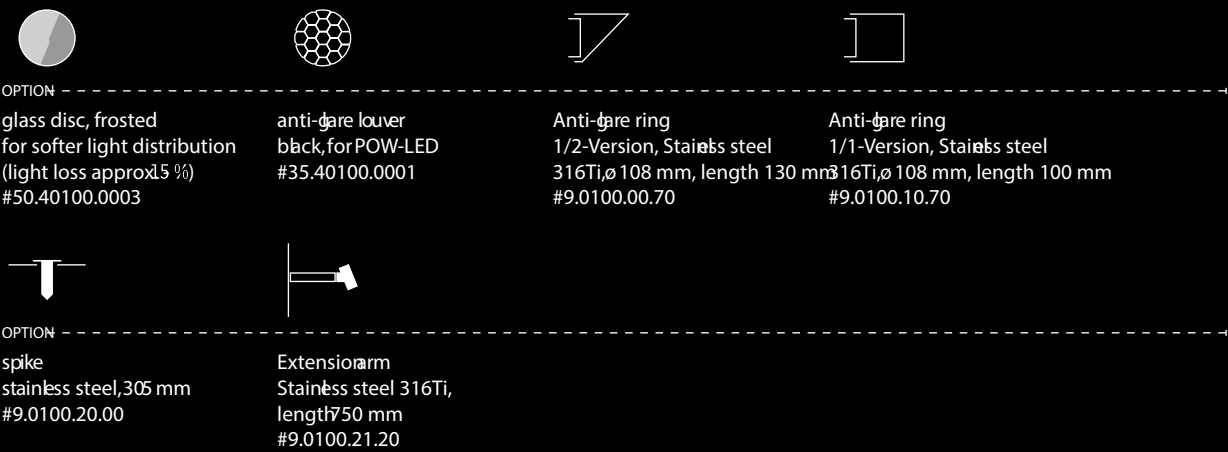
LIGHT COLORS



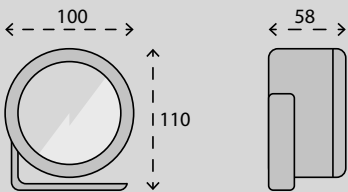
BEAM ANGLES



ADDITIONAL PARTS

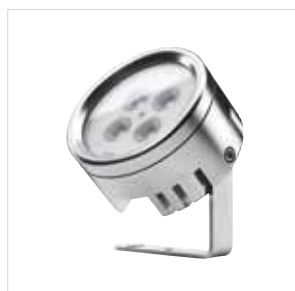


⌵ DIMENSIONS



4.0100 SURFACE-MOUNTED SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3.000 K 4.500 K 6.000 K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 3m	90°	CE	III
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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 @12 V-DC
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 @12 V-DC
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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0620.19.52 max 1 (12V-DC) 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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0635.19.52 max 1 (12V-DC) 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 @12 V-DC
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 @12 V-DC
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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0620.19.52 max 1 (12V-DC) 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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0635.19.52 max 1 (12V-DC) 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 @12 V-DC
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 @12 V-DC
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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0620.19.52 max 1 (12V-DC) 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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0635.19.52 max 1 (12V-DC) 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 @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm
CONNECT	5.0635.19.52 max 1 (12V-DC) or 3 (SELV)

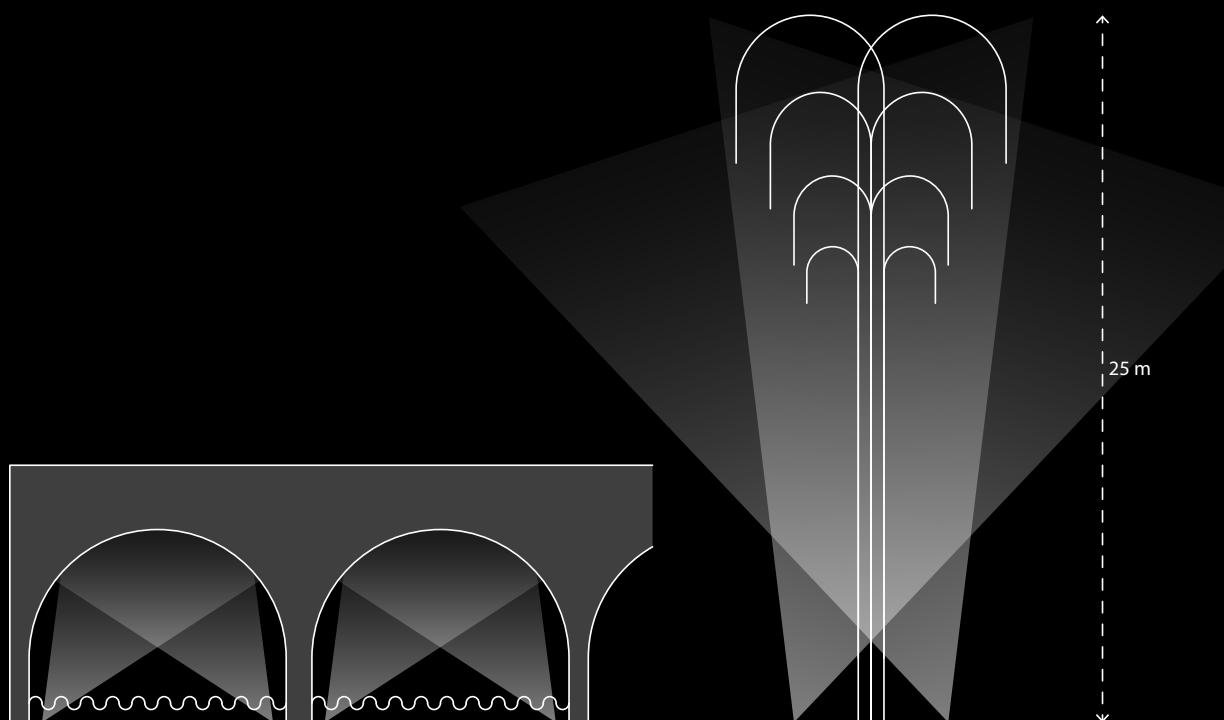
” UNIQUE AND
VERSATILE
IN FUNCTIONALITY
AND APPLICATION.



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

≈ TYPICAL APPLICATIONS

For illuminating fountains up to a maximum height of 25 metres. 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 3m 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 3 m of underwater cable

NEW

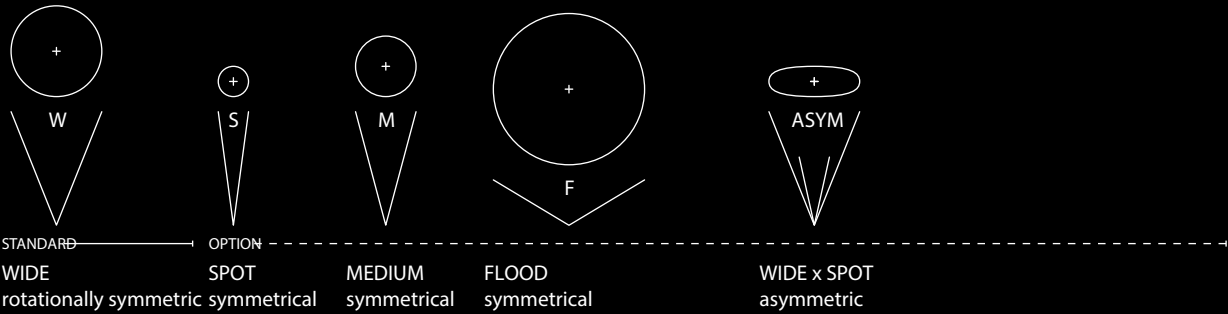


[+] CONFIGURATION

LIGHT COLORS



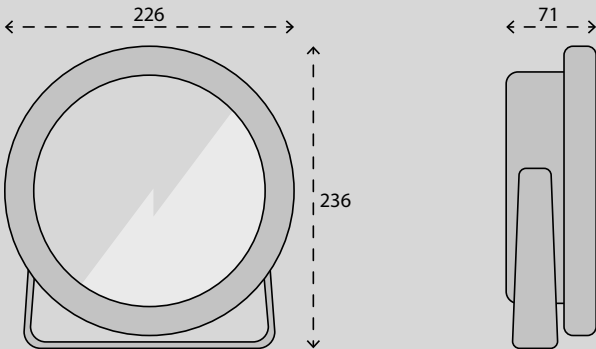
BEAM ANGLES



ADDITIONAL PARTS

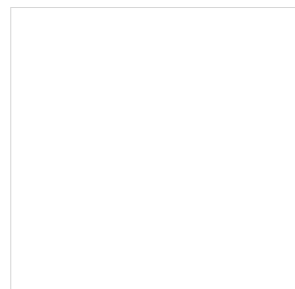


⌚ DIMENSIONS



4.0290 SURFACE-MOUNTED SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	POW-LED INCL.	3.000 K 4.500 K 6.000 K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 3m	max 3m	90°	CE	III
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MONOCHROME ILLUMINATION



#	4.0290.00.11	#	4.0290.00.12	#	4.0290.00.13
COLOR	6.000K cold white	COLOR	3.000K warm white	COLOR	4.500K 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 @12 V-DC	POWER	CC 2400mA @12 V-DC	POWER	CC 2400mA @12 V-DC
BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch
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 @12 V-DC	POWER	CC 700mA @12 V-DC	POWER	CC 700mA @12 V-DC	POWER	CC 700mA @12 V-DC
BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch	BEAM	50° symmetrisch
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

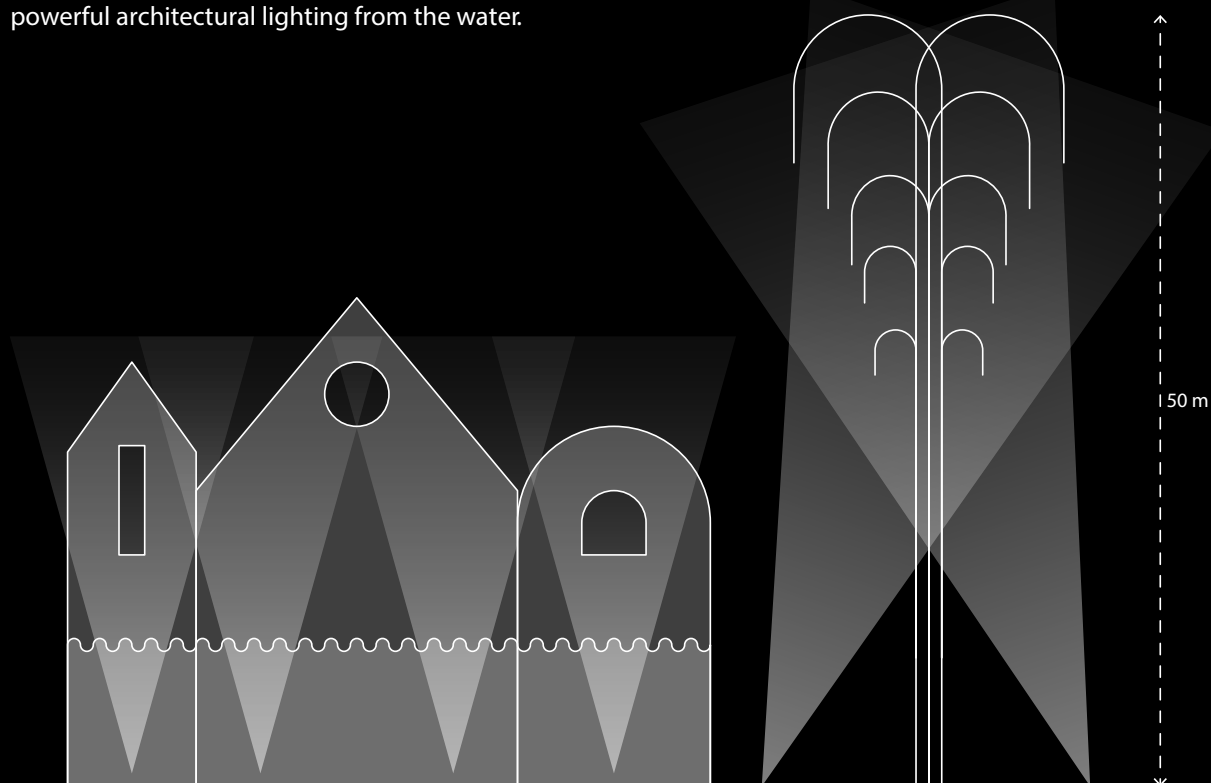
” THIS IS BIG.
LIGHT IN
A POWER
NEVER SEEN
BEFORE.



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

≈ TYPICAL APPLICATIONS

For illuminating fountains up to a maximum height of 50 metres. 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.

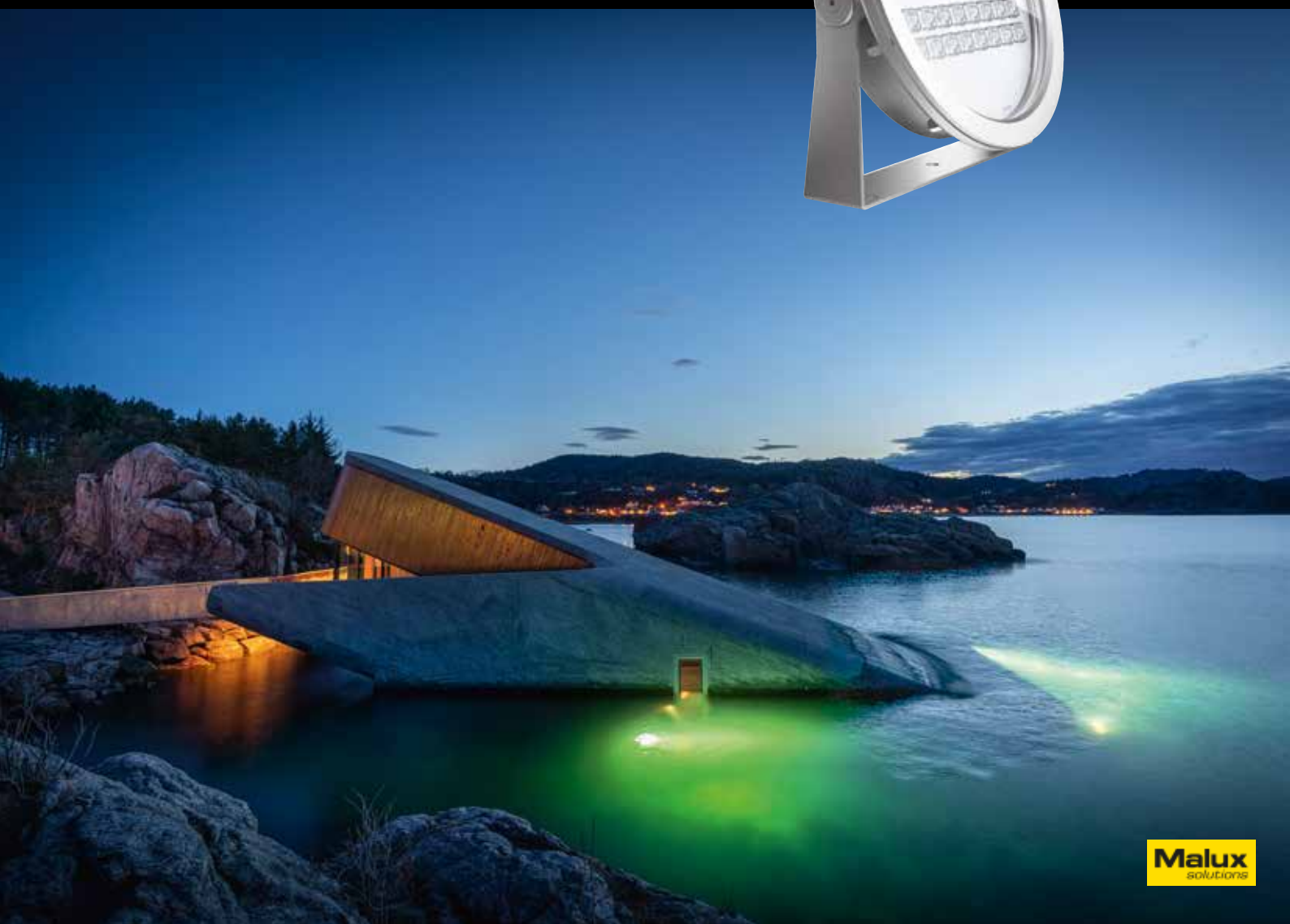


4.0490 SURFACE-MOUNTED SPOTLIGHT

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

- Protection class IP68 – up to 3m 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 3 m of underwater cable

NEW



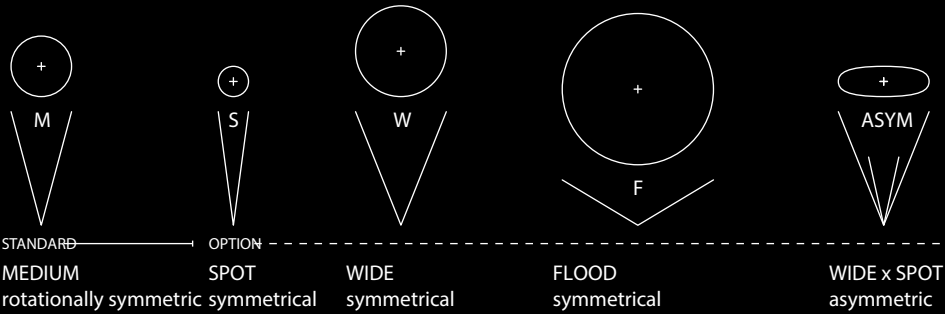
[+] CONFIGURATION

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

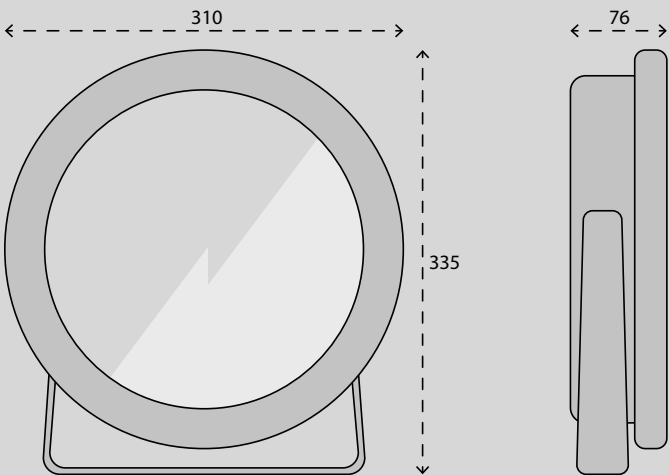


ADDITIONAL PARTS

OPTION
glass disc, frosted for softer light distribution (light loss approx. 5 %) anti-glare louver black, for POW-LED

OPTION
spike stainless steel, 305 mm

⌚ DIMENSIONS



RETROFIT YOUR
OLD SPOTLIGHTS



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



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

≈ TYPICAL APPLICATIONS

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 12 V-DC 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 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 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

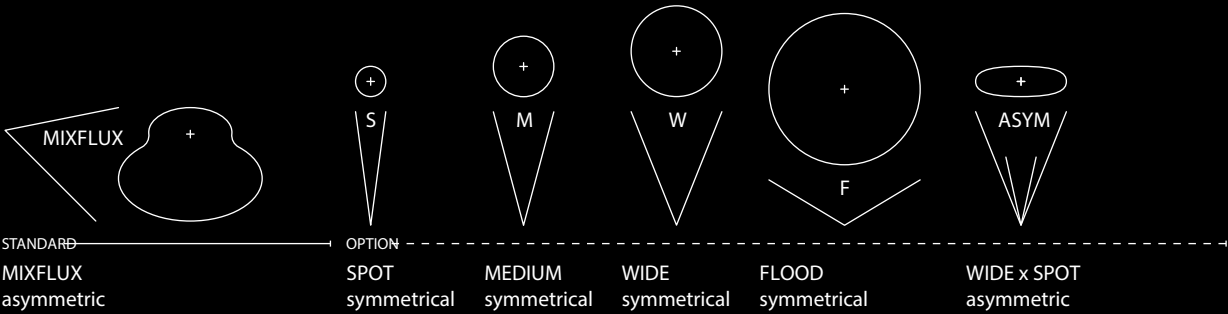


[+] CONFIGURATION

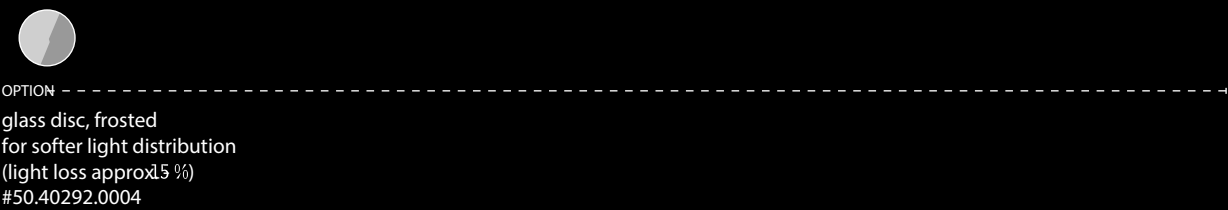
LIGHT COLORS



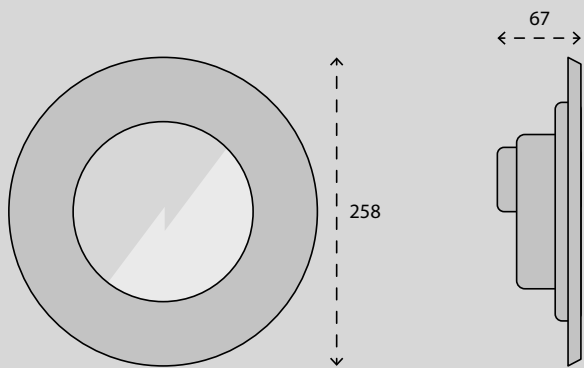
BEAM ANGLES



ADDITIONAL PARTS

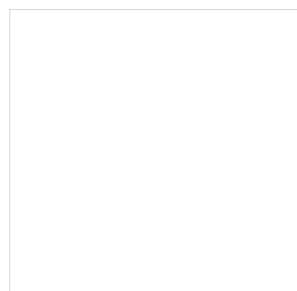
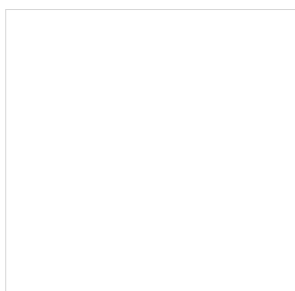


⚙️ DIMENSIONS



4.0291 RETROFIT-SPOTLIGHT

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3.000 K 4.500 K 6.000 K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE EXCL.	max 5m			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 @12 V-DC	POWER	CC 3600mA @12 V-DC	POWER	CC 3600mA @12 V-DC	POWER	CC 3600mA @12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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 @12 V-DC	POWER	CC 1400mA @12 V-DC	POWER	CC 1400mA @12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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
© AQUAtoll Neckarsulm, Germany; Photo: Benjamin Wendt

≈ TYPICAL APPLICATIONS

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 2 m of special underwater cable

NEW



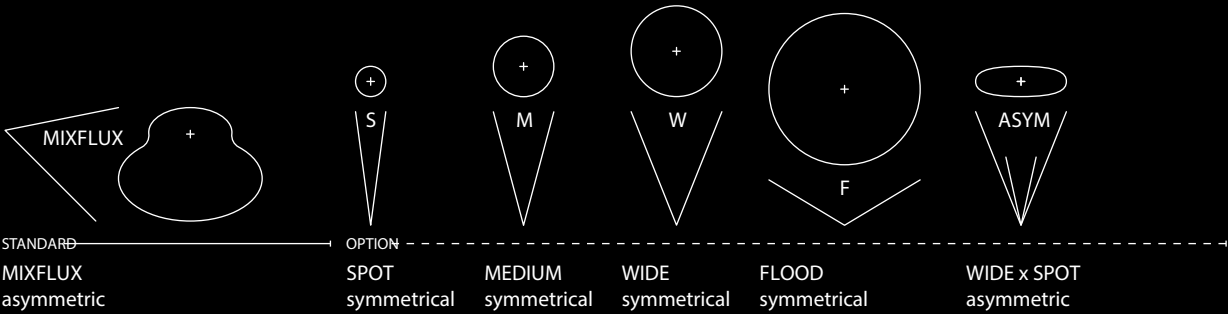
[+] CONFIGURATION

LIGHT COLORS

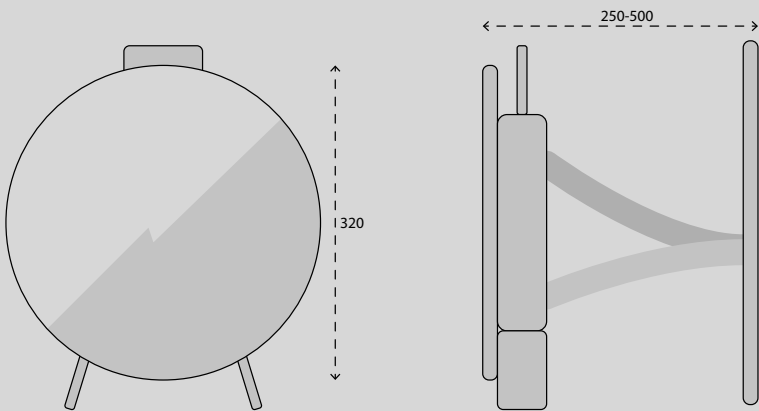


STANDARD					
6000K	4500K	3000K	RGB-6000K	RGB-4500K	RGB-3000K
cold white	neutral white	warm white	+cold white	+neutral white	+warm white




BEAM ANGLES

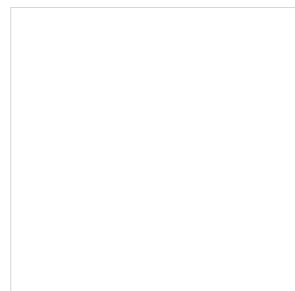


☞ DIMENSIONS



4.2013 RETROFIT-INSERTION FOR 4.2000

ALU	POW-LED INCL.	3.000 K 4.500 K 6.000 K	CONSTANT VOLTAGE — KONSTANT SPANNUNG	CABLE INCL.	 max 3m		CE	
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MONOCHROME ILLUMINATION

#	4.2013.00.11
COLOR	6000K cold white
LED	32 POW-LED
LUMEN	18600 lm
WATT	total 124 W
POWER	CV 12 V-DC
BEAM	asymmetrisch Mixflux
CABLE	UW, 5x1,5 qmm
CONNECT	5.0630.20.32 max 1

#	4.2013.00.12
COLOR	3000K warm white
LED	32 POW-LED
LUMEN	15040 lm
WATT	total 124 W
POWER	CV 12 V-DC
BEAM	asymmetrisch Mixflux
CABLE	UW, 5x1,5 qmm
CONNECT	5.0630.20.32 max 1

#	4.2013.00.13
COLOR	4500K neutral white
LED	32 POW-LED
LUMEN	16080 lm
WATT	total 124 W
POWER	CV 12 V-DC
BEAM	asymmetrisch Mixflux
CABLE	UW, 5x1,5 qmm
CONNECT	5.0630.20.32 max 1

DYNAMIC ILLUMINATION

#	4.2013.00.41
COLOR	RGB-CW cold white 6000K
LED	32 Multichip POW-LED
LUMEN	cold white: 4640 lm
WATT	all on 152 W
POWER	CC 12 V-DC
BEAM	asymmetrisch Mixflux
CABLE	UW, 41x0,5 qmm
CONNECT	5.0670.59.52 max 1

#	4.2013.00.42
COLOR	RGB-CW warm white 3000K
LED	32 Multichip POW-LED
LUMEN	warm white: 3760 lm
WATT	all on 152 W
POWER	CC 12 V-DC
BEAM	asymmetrisch Mixflux
CABLE	UW, 41x0,5 qmm
CONNECT	5.0670.59.52 max 1

#	4.2013.00.43
COLOR	RGB-CW neutral white 4500K
LED	32 Multichip POW-LED
LUMEN	neutral white: 4020 lm
WATT	all on 152 W
POWER	CC 12 V-DC
BEAM	asymmetrisch Mixflux
CABLE	UW, 41x0,5 qmm
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

≈ TYPICAL APPLICATIONS

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 2 m of special underwater cable

NEW



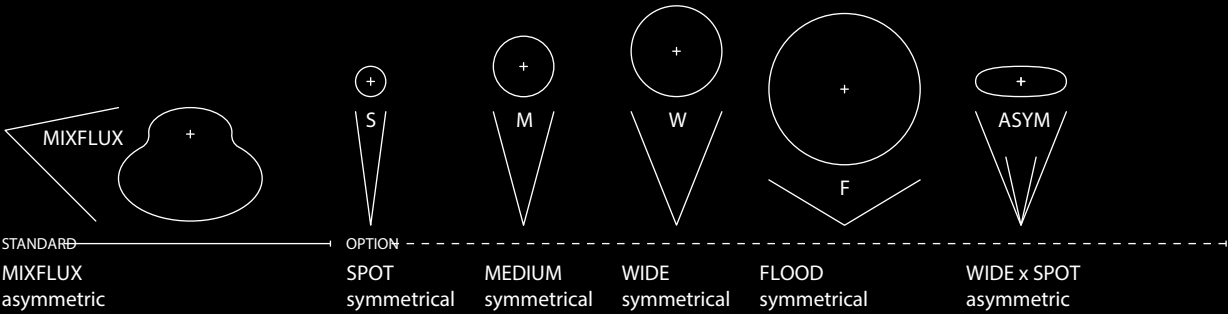
[+] CONFIGURATION

LIGHT COLORS

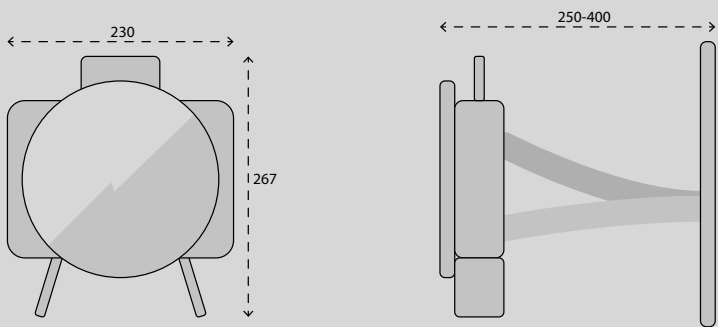


STANDARD					
6000K	4500K	3000K	RGB-6000K	RGB-4500K	RGB-3000K
cold white	neutral white	warm white	+cold white	+neutral white	+warm white




BEAM ANGLES

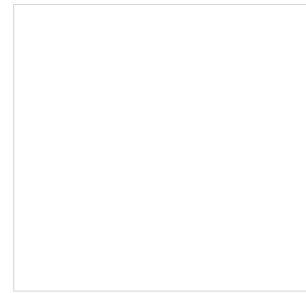
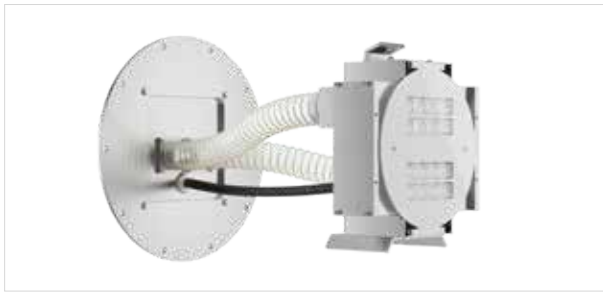


[+] DIMENSIONS



4.1913 RETROFIT-INSERTION FOR 4.1900

ALU	POW-LED INCL.	3.000 K 4.500 K 6.000 K	CONSTANT VOLTAGE — KONSTANT SPANNUNG	CABLE INCL.	 max 3m		CE	
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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 12 V-DC	POWER	CV 12 V-DC	POWER	CV 12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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 12 V-DC	POWER	CC 12 V-DC	POWER	CC 12 V-DC
BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch Mixflux	BEAM	asymmetrisch 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

Belysning för alla typer av krävande miljöer

Behöver ni hjälp med ljusberäkningar eller belysningsförslag? Malux hjälper gärna till med beräkningar, projektering och förslag. Har ni speciella önskemål gällande utförande, funktion, utseende eller tillbehör hittar vi tillsammans den optimala lösningen för ert behov. Se hela vårt utbud på vår hemsida.

Malux
solutions

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