Brightness and colour temperature

Brightness (luminous flux)

The light flux (also known as brightness) emitted by a bulb is expressed in **lumen** (lm).
Traditional incandescent or halogen light bulbs only indicated electric power in **watt** (W); watts actually indicate energy consumption and not the real quantity of light emitted.

Watt consumption being equal, modern light bulbs (using the LED technology or other low consumption technologies) have a much higher brightness.
As an indication, the table here below shows the correspondence between **halogen bulbs** and any modern bulb whose brightness is expressed in **lumen**.

| A light source having luminous flux equal to	10 lumen	20 lumen	50 lumen	70 lumen	100 lumen	150 lumen	200 lumen	250 lumen	350 lumen	500 lumen
Replaces a halogen bulb of	0.5 watt	1 watt	3 watt	4 watt	6 watt	9 watt	12 watt	15 watt	20 watt	30 watt

Colour temperature

Colour temperature is a characteristic of visible light and is expressed in **kelvin** (K).
Any light source has a distinctive colour temperature ranging from warm (such as a candle, 1000 K) to cool (Xenon lamps, 6200 K).

Warm lights have a yellow/orange shade and make ambients more comfortable to the detriment of the colour fidelity of the surrounding objects.
Cool lights - over 5300 K - result in bluish tones.

Traditional incandescent bulbs have a warm light (about 2900 K) but cooler lights are used to light up work areas (3500 K to 6000 K):

1800K	4000K	5500K	8000K	12000K	16000K
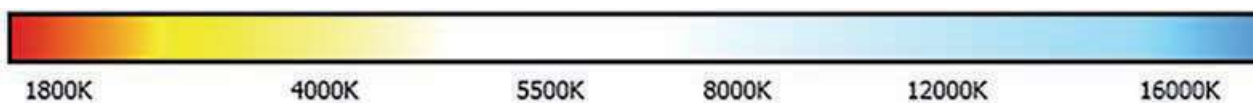
IP protection degree

Ex. IP67:
6 = complete protection against ingress of dust.
7 = Ingress of water is possible when the enclosure is immersed in water under defined conditions of pressure and time.

IP	X	Y
Code breakdown (International Protection)	X = solid particle protection (0-6)	Y = liquid ingress protection (0-8)
	0 No protection	0 No protection
	1 Protected against ingress of solid particles > 50-mm Ø	1 Protection against vertically falling drops
	2 Protected against ingress of solid particles > 12-mm Ø	2 Protection against dripping water when tilted at any angle up to 15° from the vertical
	3 Protected against ingress of solid particles > 2.5-mm Ø	3 Protection against water falling as a spray at any angle up to 60° from the vertical
	4 Protected against ingress of solid particles > 1-mm Ø	4 Protection against water splashing against the enclosure from any direction
	5 Protection against ingress of dust (dust protected)	5 Protection against water jets
	6 Complete protection against ingress of dust (dust tight)	6 Protection against powerful water jets
		7 Protection against temporary immersion in water
		8 Protection against continuous immersion in water

Plastic walkway and courtesy lights

LED walkway light for recess mounting - frontal orientation
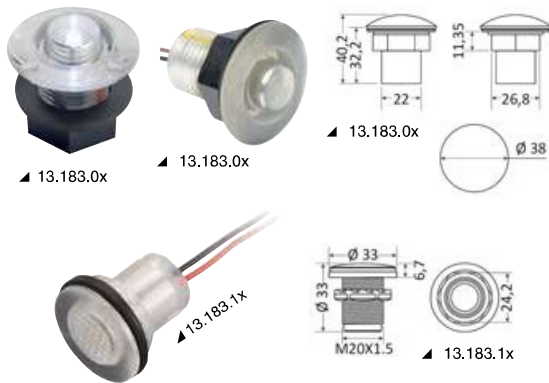
Clear plastic.

Code	V	W	K	LED beam angle	Light colour		mm
						recess Ø	outer Ø
13.183.15	12	0.24	2850/3200	30°	☐ White	9	12.7
13.183.16	12	0.24	-	30°	■ Blue	9	12.7

LED courtesy light for recess mounting - frontal orientation

IP66   ABS.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour		mm
								recess Ø	outer Ø
13.183.08	12	0.24	4	2900-3200	30°	1	☐ White	14x20 depth	28

LED courtesy light for recess mounting - frontal orientation

IP68   Clear polycarbonate.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour		mm	
								recess Ø	outside Ø	overhang
13.183.01	12	0.2	12.5	5500-6300	120°	1	☐ white	22	38	8
13.183.02	12	0.2	2	-	120°	1	■ red	22	38	8
13.183.03	12	0.2	2	-	120°	1	■ blue	22	38	8
13.183.11	12	0.2	12.5	5500-6300	120°	1	☐ white	20	31.6	5
13.183.13	12	0.2	2	-	120°	1	■ blue	20	31.6	5

▲ 13.183.0x   ▲ 13.183.0x   ▲ 13.183.0x   ▲ 13.183.0x   ▲ 13.183.1x
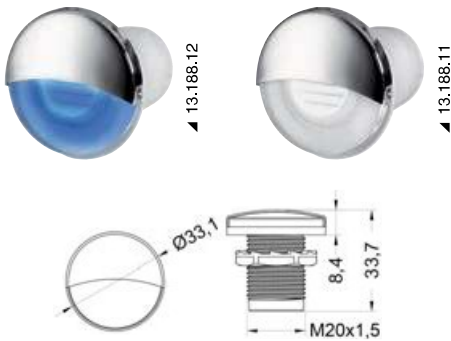
Recess fit LED courtesy light - downward orientation

IP68   Made of technopolymer with polished AISI316 stainless steel cover.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour		mm	
								recess Ø	outer Ø	overhang
13.188.11	12	0.4	21	5500	120°	2	☐ White	19.2	Ø 33,1	6
13.188.12	12	0.4	4	-	120°	2	■ Blue	19.2	Ø 33,1	6

▲ 13.188.12   ▲ 13.188.11
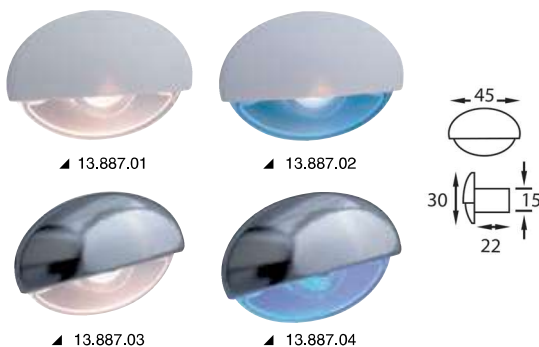
Båtsystem

BATSYSTEM Steeplight LED courtesy light for recess mounting - downward orientation

IP65   White plastic and opal glass.

Body colour		V	W	Lumen	K	No of LEDs	Light colour		mm	
☐ white	☐ chromed							recess Ø	outside	overhang
13.887.01	**13.887.03**	12	0.15	10	3000	1	☐ White	15	30x45	7
13.887.02	**13.887.04**	12	3	3	-	1	■ Blue	15	30x45	7

▲ 13.887.01   ▲ 13.887.02
▲ 13.887.03   ▲ 13.887.04

LED courtesy light, recessless version - frontal orientation

FLUSH MOUNT   White plastic.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm
13.177.01	12	0.23	4	5500-6300	30°	2	☐ White	43x19

LED courtesy light, recessless version - frontal orientation

IP65   **FLUSH MOUNT**

White plastic.

Code	V	W	lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm
13.178.31	12	0.4	38	2900-3200	120°	2.6	☐ White	70x38x10 overhang
13.178.32	12	0.4	11.4	-	120°	2.6	■ Blue	70x38x10 overhang

Metal walkway and courtesy lights

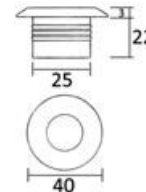## Apus-r LED courtesy light for recess mounting - frontal orientation

IP65   Chromed brass with clear polycarbonate diffuser. Pressure installation.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm		
								recess Ø	outside Ø	overhang
13.477.20	12/24	0.24	6	6000	80°	1	☐ White	11	20	2
13.477.21	12/24	0.24	3	-	70°	1	■ Blue	11	20	2
13.477.22	12/24	0.24	4	-	80°	1	■ Red	11	20	2
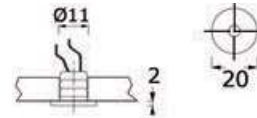
LED courtesy light for recess mounting - frontal orientation
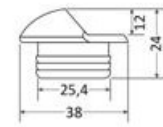
IP65   **AISI 316**

Precision-cast mirror-polished stainless steel. Polycarbonate diffuser.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm		
								recess Ø	outer Ø	overhang
13.429.04	12/24	0.3	6	6000	25°	1	☐ White	25	40	3
13.429.05	12/24	0.3	3	-	25°	1	■ Blue	25	40	3
13.429.06	12/24	0.3	3	-	25°	1	■ Red	25	40	3

Alcor LED courtesy light for recess mounting - downward orientation

IP67   **AISI 316**

Machined stainless steel body. Snap mounting.

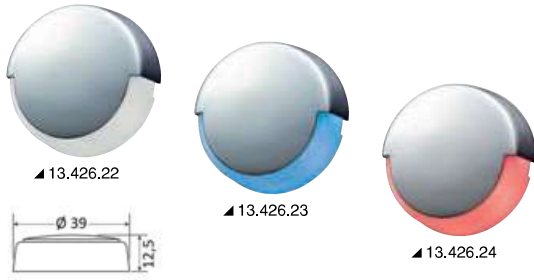| Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm		
								recess Ø	outer Ø	overhang
13.425.90	12/24	0.1	20	3000	100°	1	☐ White	25.4	38	12
13.425.91	12/24	0.2	10	-	100°	1	■ Blue	25.4	38	12
13.425.92	12/24	0.2	10	-	100°	1	■ Red	25.4	38	12

Tilly LED courtesy light for recess mounting - frontal or downward orientation

IP67   White plastic body, mirror-polished stainless steel front panel. Snap mounting.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm		
								recess Ø	outer Ø	overhang
13.426.01	12/24	0.5	25	3000	360°	6	☐ White	25.4	38	7
13.426.02	12/24	0.5	10	-	360°	6	■ Blue	25.4	38	7
13.426.10	12/24	0.5	25	3000	180°	6	☐ White	25.4	38	7
13.426.11	12/24	0.5	10	-	180°	6	■ Blue	25.4	38	7

◄ 13.426.11

◄ 13.426.01

◤13.426.22
◤13.426.23
◤13.426.24

Ø 39
12.5
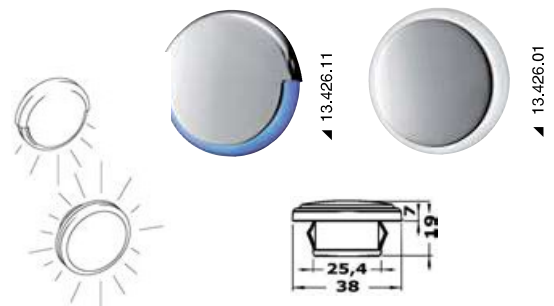
Aara LED courtesy light, recessless version - downward orientation

IP67	FLUSH MOUNT

White plastic body, mirror-polished stainless steel front panel.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm
13.426.22	12	0.5	25	3000	180°	6	White	39x12.5
13.426.23	12	0.5	10	-	180°	6	Blue	39x12.5
13.426.24	12	0.5	10	-	180°	6	Red	39x12.5

◤13.429.41
◤13.429.42

5,1
16
35
Ø 28,6
35
19
8
A—A

LED courtesy light for recess mounting - frontal orientation

IP65	AISI 304

Polycarbonate body. Mirror polished stainless steel front panel. Push-fit mounting.

Code	V	W	lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm recess Ø	outside	overhang
13.429.41	12/24	0.4	20	3000	110°	2 LED HD 5 mm	white	28.6	35x35	5.1
13.429.42	12/24	0.4	10	-	110°	2 LED HD 5 mm	blue	28.6	35x35	5.1

22
25
40

LED ceiling light for recess mounting - frontal orientation

IP65	AISI 316

Stainless steel body. For use as ambient light under gangplanks.
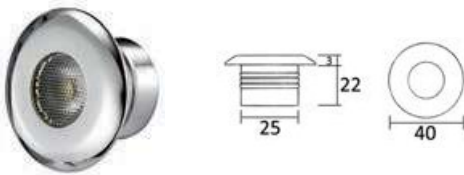
Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.429.10	Mirror-polished	12/24	1	110	3000	25°	1	White
13.429.11	Mirror-polished	12/24	1.2	45	-	25°	1	Blue
13.429.12	Mirror-polished	12/24	1	45	-	25°	1	Red
13.429.20	Mirror-polished	12/24	3	190	3000	25°	3	White
13.429.21	Mirror-polished	12/24	3	74	-	25°	3	Blue

18
Ø 35
35
25
Ø18
5

Recess fit LED ceiling light - frontal orientation

IP65	AISI 316

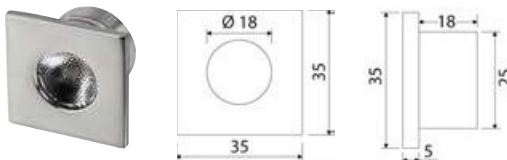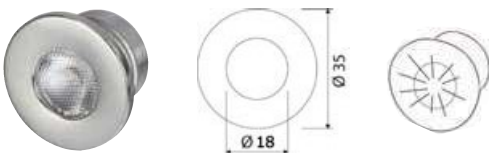Polished precision-cast AISI316 stainless steel body. Pressure mounting.
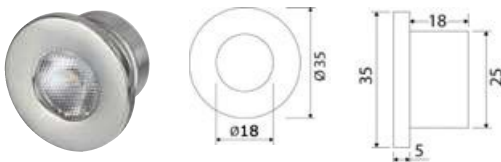
Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.429.90	12/24	1	110	3000	25°	1	White
13.429.91	12/24	1	45	-	25°	1	Blue
13.429.95	12/24	3	190	3000	25°	1	White
13.429.96	12/24	3	74	-	25°	1	Blue

Ø 18
35
35
18
25
35
5

Recess fit LED ceiling light - frontal orientation

IP65	AISI 316

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.429.80	12/24	1	110	3000	25°	1	White
13.429.81	12/24	1	45	-	25°	1	Blue
13.429.85	12/24	3	190	3000	25°	1	White
13.429.86	12/24	3	74	-	25°	1	Blue

Ø 35
Ø 18

Recess fit LED courtesy light - frontal orientation

IP67	AISI 316

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

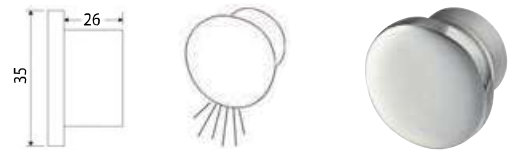| Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	|←→| mm outer	overhang
13.429.75	12/24	0.5	24	3000	25°	1	White	35x35	5
13.429.76	12/24	0.5	3	-	25°	1	Blue	35x35	5

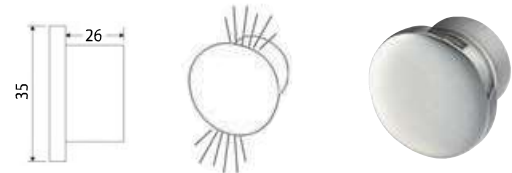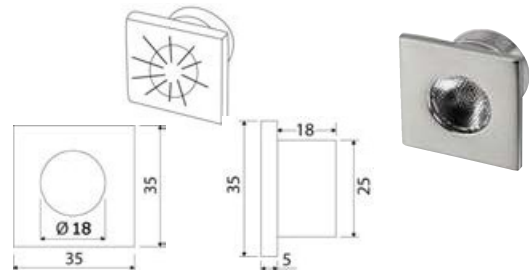## Recess fit LED courtesy light - downward orientation

| IP67 | AISI 316 |

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm outer	overhang
13.429.60	12/24	0.5	23	3000	90°	1	□ White	35x35	5
13.429.61	12/24	0.5	4	-	90°	1	■ Blue	35x35	5

Recess fit LED courtesy light - dual upward/downward orientation

| IP67 | AISI 316 |

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

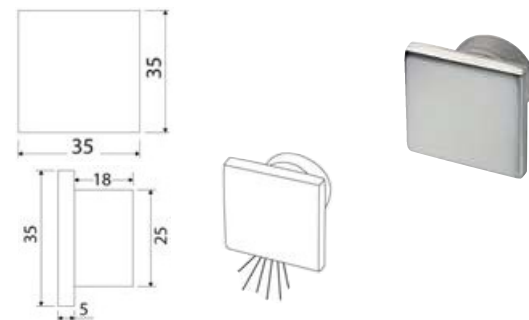| Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm outer	overhang
13.429.65	12/24	0.5x2	41	3000	90°+90°	2	□ White	35x35	5
13.429.66	12/24	0.5x2	7	-	90°+90°	2	■ Blue	35x35	5

Recess fit LED courtesy light - frontal orientation

| IP67 | AISI 316 |

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm outer	overhang
13.429.70	12/24	0.5	24	3000	25°	1	□ White	35x35	5
13.429.71	12/24	0.5	3	-	25°	1	■ Blue	35x35	5

Recess fit LED courtesy light - downward orientation

| IP67 | AISI 316 |

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

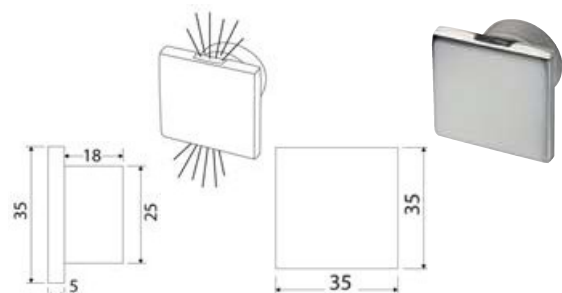| Code	V	W	Lumen	K	LED beam angle	No of EDs	Light colour	mm outer	overhang
13.429.50	12/24	0.5	23	3000	90°	1	□ White	35x35	5
13.429.51	12/24	0.5	4	-	90°	1	■ Blue	35x35	5

Recess fit LED courtesy light - dual upward/downward orientation

| IP67 | AISI 316 |

Polished precision-cast AISI316 stainless steel body. Pressure mounting.

| Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm outer	overhang
13.429.55	12/24	0.5x2	41	3000	90°+90°	2	□ White	35x35	5
13.429.56	12/24	0.5x2	7	-	90°+90°	2	■ Blue	35x35	5

LED courtesy light for recess mounting - frontal orientation

| IP65 | Chromed brass. |

Code	Front panel	V	W	lumen	K	LED beam angle	No of LEDs	Light colour	mm recess Ø	outside
13.185.12	square	12	0.23	1.6	5500-6300	30°	1	□ white	26	30x30
13.185.13	square	12	0.23	0.5	-	30°	1	■ blue	26	30x30
13.186.12	round	12	0.23	1.6	5500-6300	30°	1	□ while	26	Ø 32
13.186.13	round	12	0.23	0.5	-	30°	1	■ blue	26	Ø 32

13.185.12/13

13.186.12/13

▲ 13.478.01

Ø 25
12
Ø 32
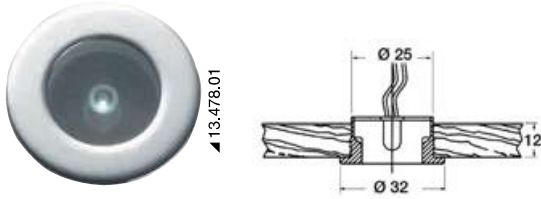
FORESTI E SUARDI Circinus LED courtesy light for recess mounting

IP67   Electro-plated brass body, clear technopolymer diffuser. Suitable for mounting on flammable surfaces. Fastening by means of threaded finish ring.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	recess Ø	outer Ø	overhang
13.478.01	12/24	0.24	20	6000	60°	1	White	25	32	2
13.478.03	12/24	0.24	6	-	60°	1	Blue	25	32	2

FORESTI E SUARDI Elettra-t LED courtesy light, recessless version

IP67   **FLUSH MOUNT**

Clear technopolymer body, electro-plated technopolymer snap finish ring.
Suitable for mounting on flammable surfaces both horizontally and vertically.
Innovative design, Wall Washer light effects. Screw mounting.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm
13.479.60	12/24	0.48	40	4000	60°x10°	1 SMD LED	White	38x31x10
13.479.61	12/24	0.48	12	-	60°x10°	1 SMD LED	Blue	38x31x10
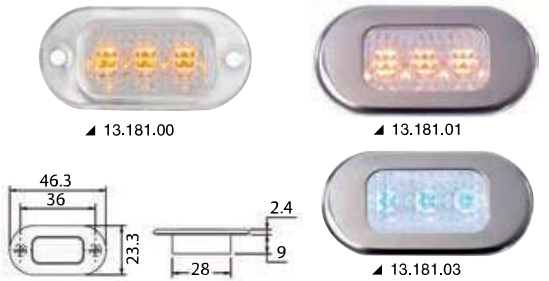
LED courtesy light for recess mounting - frontal orientation

**IP55**   Translucent polycarbonate body. Stainless steel finish ring. Suitable to light up steps.

▲ 13.181.00   ▲ 13.181.01   ▲ 13.181.03

46.3
36
23.3
2.4
28
9

Code	Finish	V	W	lumen	LED beam angle	No of LEDs	Light colour	recess Ø	outside Ø	overhang
13.181.00	no finish ring	12	0.6	12	24°	3 LED Long Life	yellow	28	46.3x23.3	2.4
13.181.01	mirror-polished	12	0.6	12	24°	3 LED Long Life	yellow	28	46.3x23.3	2.4
13.181.03	mirror-polished	12	0.6	7	20°	3 LED Long Life	blue	28	46.3x23.3	2.4
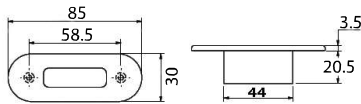
LED courtesy light for recess mounting - frontal orientation

IP67   Polycarbonate body and mirror-polished stainless steel front panel.

85
58.5
3.5
30
20.5
44

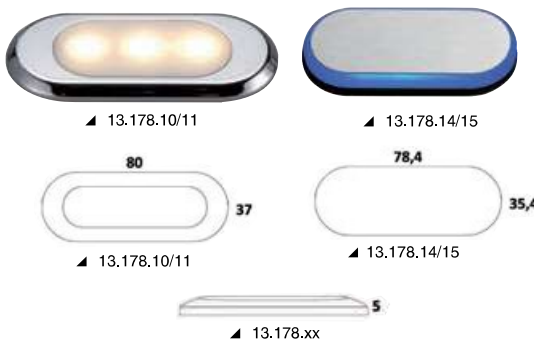| Code	V	W	lumen	K	LED beam angle	No of LEDs	Light colour	recess Ø	outside Ø	overhang
13.180.01	12	0.2	36	5000	100°	3 LED Long Life	white	44x16	29x84	3.5
13.180.03	12	0.2	14	-	100°	3 LED Long Life	blue	44x16	29x84	3.5
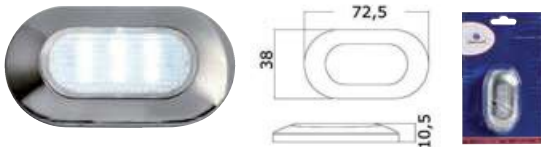
LED courtesy light, recessless version - frontal orientation

IP67   **FLUSH MOUNT**

Mirror-polished stainless steel front panel.

72,5
38
10,5

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	outside	overhang
13.178.04	12	1.2	83	5500/6300	120°	6	White	72.5x38	10.5
13.178.03	12	1.2	22	-	120°	6	Blue	72.5x38	10.5

Oculus ultra-flat courtesy light - frontal orientation

IP67   Recessless mounting, 5-mm thick.
Watertight technopolymer body with polished stainless steel finishing ring.

▲ 13.178.10/11   ▲ 13.178.14/15

80
37
▲ 13.178.10/11

78,4
35,4
▲ 13.178.14/15

5
▲ 13.178.xx

Code	Model	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm
13.178.10	Front light, SS ring	12	0.3	30	3000	100°	3	White	80x37x5
13.178.14	Perimeter light, SS front panel	12	0.3	30	3000	360°	3	White	78.4x35.4x5
13.178.11	Front light, SS ring	12	0.3	10	-	100°	3	Blue	80x37x5
13.178.15	Perimeter light, SS front panel	12	0.3	10	-	360°	3	Blue	78.4x35.4x5

LED courtesy light, recessless version - frontal orientation

IP67   **FLUSH MOUNT**

Chromed finish. Fastening by means of hidden screws.

Code	V	W	lumen	K	LED beam angle	No of LEDs	Light colour		mm outside	overhang
13.187.01	12	0.4	30	2900-3200	120°	5	white		80x18	15.8
13.187.02	12	0.4	2.4	-	120°	5	blue		80x18	15.8

LED courtesy light, recessless version

IP67   **AISI 304**   **FLUSH MOUNT**

Mirror-polished stainless steel finish and polycarbonate diffuser.
Fastening by means of screws hidden by the front panel.

Code	Version	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour	mm outside	overhang
13.428.11	Front light	12/24	0.4	20	3000	110°	3	White	71x15	10
13.428.12	Front light	12/24	0.4	10	-	110°	3	Blue	71x15	10
13.428.01	Downward light	12/24	0.4	20	3000	110°	3	White	71x15	10
13.428.02	Downward light	12/24	0.4	10	-	110°	3	Blue	71x15	10
13.428.03	Double up/downward light	12/24	0.6	40	3000	110°	3+3	White	71x15	10
13.428.13	Double up/downward light	12/24	0.6	15	-	110°	3+3	Blue	71x15	10

◄ 13.428.11/12

◄ 13.428.01/02

◄ 13.428.03/13

71   15   7   15   10,5

LED courtesy light, recessless version

IP67   **AISI 316**   **FLUSH MOUNT**

Mirror-polished stainless steel microcast body. Hidden screws.

Code	Version	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour		mm outside	overhang
13.427.11	Front light	12/24	0.6	60	3000	110°	3		White	100x16	11
13.427.12	Front light	12/24	0.6	24	-	110°	3		Blue	100x16	11
13.427.32*	Front light	12/24	0.3	60/24	3000	110°	3	+	White + Blue	100x16	11
13.427.01	Downward light	12/24	0.6	60	3000	110°	3		White	100x16	11
13.427.02	Downward light	12/24	0.6	24	-	110°	3		Blue	100x16	11
13.427.22*	Downward light	12/24	0.2	60/24	3000	110°	3	+	White + Blue	100x16	11
13.427.03	Double up/downward light	12/24	1.2	120	3000	110°	3+3		White	100x16	11
13.427.13	Double up/downward light	12/24	1.2	48	-	110°	3+3		Blue	100x16	11

*   Push the switch in sequence to choose the white or blue light.

◄ 13.427.11/12/32
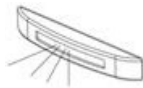
◄ 13.427.11/12/32

◄ 13.427.01/02/22

◄ 13.427.01/02/22

◄ 13.427.03/13

FORESTI E SUARDI Andromeda LED courtesy light, recessless version - downward orientation

IP67   **FLUSH MOUNT**

Clear technopolymer body, chromed brass front panel. Suitable for mounting on flammable surfaces.
Screw mounting both vertically and horizontally. Innovative design and ambient light effects.

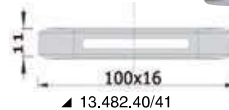| Code	V	W	lumen	K	LED beam angle	No of LEDs	Light colour	mm outside	protrusion
13.482.30	12/24	0.5	50	4000	70°	5 x SMD LEDs	White	70x16	11
13.482.31	12/24	0.5	16	-	70°	5 x SMD LEDs	Blue	70x16	11
13.482.40	12/24	0.5	50	4000	70°	5 x SMD LEDs	White	100x16	11
13.482.41	12/24	0.5	16	-	70°	5 x SMD LEDs	Blue	100x16	11

◄ 13.482.30/31

◄ 13.482.30/31

70x16

◄ 13.482.40/41

11   100x16
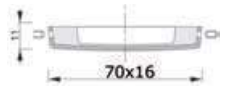
◄ 13.482.40/41

Plastic spotlights and ceiling lights

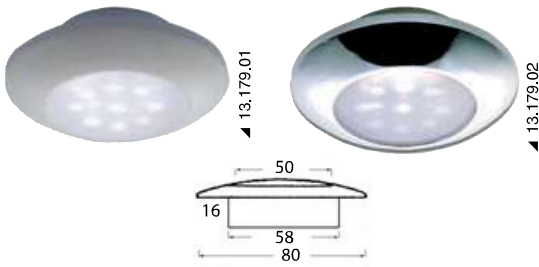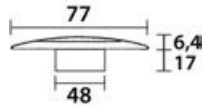## Recess-fit or recessless mounting LED ceiling light

IP67   ABS body. It comes with finish ring also for recessless mounting.

Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	light colour
13.179.56	white	12/24	1.2	75	2900-3200	120°	6	white

77
6,4
17
48

LED ceiling light for recess mounting

IP65   ABS body.

13.179.01
13.179.02

50
16
58
80

Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.179.01	White	12	0.8	50	6000	30°	9	White
13.179.02	Chromed	12	0.8	50	6000	30°	9	White
13.179.11	White	12	0.5	20	-	20°	9	Blue
13.179.22	Chromed	12	0.5	20	-	20°	9	Blue

Båtsystem

BATSYSTEM Nova Classic halogen ceiling light for recess mounting

ABS body.

Ø50
77
18

13.877.70/71
13.877.74/75

Code	Finish	V	W	Switch	Bulb	Spare bulb	Light colour
13.877.70	white	12	10	no	G4	**14.454.12; 14.454.24**	white
13.877.71	white	12	10	yes	G4	**14.454.12; 14.454.24**	white
13.877.74	chromed	12	10	no	G4	**14.454.12; 14.454.24**	white
13.877.75	chromed	12	10	yes	G4	**14.454.12; 14.454.24**	white

Båtsystem
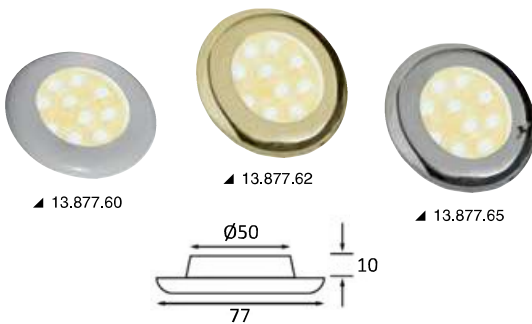
BATSYSTEM Nova II LED ceiling light for recess mounting

ABS body.

13.877.62
13.877.60
13.877.65

Ø50
77
10

Code	Finish	V	W	Switch	lumen	K	LED beam angle	No of LEDs	Light colour
13.877.60	white	8/30	2	no	145	3000	120°	12 LED SMD	white
13.877.61	white	8/30	2	yes	145	3000	120°	12 LED SMD	white
13.877.62	golden	8/30	2	no	145	3000	120°	12 LED SMD	white
13.877.64	chromed	8/30	2	no	145	3000	120°	12 LED SMD	white
13.877.65	chromed	8/30	2	yes	145	3000	120°	12 LED SMD	white
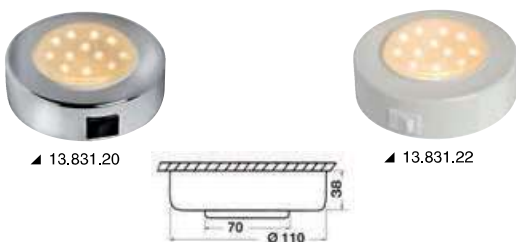
Båtsystem

BATSYSTEM Sun LED ceiling light for recess mounting

ABS body, opal diffuser.

13.831.20
13.831.22

38
70
Ø 110

Code	Finish	V	W	Switch	lumen	K	LED beam angle	No of LEDs	Light colour
13.831.20	chromed	8/30	2.4	yes	150	3000	120°	12 LED SMD	white
13.831.22	white	8/30	2.4	yes	150	3000	120°	12 LED SMD	white

BATSYSTEM Saturn HD LED ceiling light

ABS body, satin-finish polycarbonate diffuser.

Code	Finish	V	W	Mounting	Switch	Lumen	K	LED beam angle	No. of LEDs	Light colour
13.833.11	White	12	3.5	Recessless	Yes, toggle switch	210	3000	120°	42	White
13.833.12	Chromed	12	3.5	Recessless	Yes, toggle switch	210	3000	120°	42	White

Båtsystem

13.833.11

13.833.12

Ø 170   17
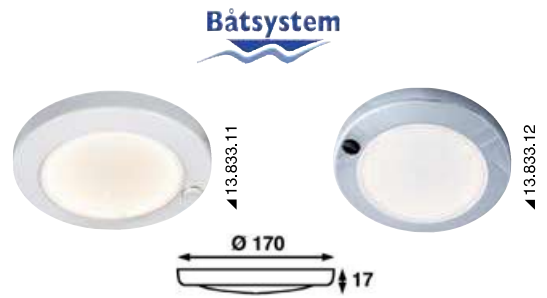
BATSYSTEM Comet LED spotlight for recess mounting

ABS body, satin-finish glass diffuser.

Code	Finish	V	W	Switch	lumen	K	LED beam angle	No of LEDs	Light colour
13.878.32	chromed	8/30	2.4	no	150	3000	120°	12 LED SMD	white
13.878.33	chromed	8/30	2.4	yes	150	3000	120°	12 LED SMD	white

Båtsystem

58   21   14   58   Ø 82

LED ceiling light, reduced overhang

IP66   **FLUSH MOUNT**

ABS body, satin-finish glass diffuser.
Ultra-flat recessless version with touch switch and two light levels.

Code	Finish	V	W	Switch	lumen	K	LED beam angle	No of LEDs	Light colour
13.408.01	white + SS profile	12/24	3	yes	168	3050-3800	120°	42 LED SMD	white
13.408.02	chromed	12/24	3	yes	168	3050-3800	120°	42 LED SMD	white

13.408.01   13.408.02

130   11

Day/Night LED ceiling light, recessless version

White/red/off touch switch.

Code	Finish	V	W	Switch	lumen	K	LED angle	No of LEDs	Light colour
13.408.11	White finish ring	12/24	3.5	Yes	251	3000	120°	18 x white / 6 x red	White + red
13.408.12	Chromed finish ring	12/24	3.5	Yes	251	3000	120°	18 x white / 6 x red	White + red

11   130

13.408.11   13.408.12

Extract and Light recess-fit LED spot light with extractor fan
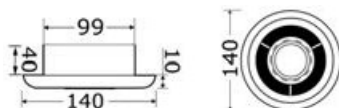
Compact extractor fan with built-in LED light for application in toilets and kitchens.
Extraction and light are independent.
Fitted with **double finish ring** made of **white or chromed ABS**.

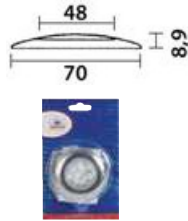| Code	V	W LED HD	Fan current draw W	Fan capacity m³/h	K	Light colour
13.582.12	12	1.5*	3.7	7.2	6000	White
13.582.24	24	1.5*	4.8	7.2	6000	- -

*   Corresponding to a 10W halogen bulb.

99   40   10   140   140

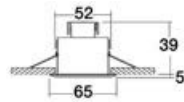# Metal spotlights and ceiling lights

▲ 13.179.52

LED ceiling light, wired recessless version

IP67   **FLUSH MOUNT**

ABS body, stainless steel finish ring.

Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.179.52	Mirror-polished	12/24	1.2	95	5500/6300	120°	6	white
13.179.53	Mirror-polished	12/24	1.2	13	-	120°	6	blue

Sterope halogen ceiling light for recess mounting

IP65   **AISI 304**

Stainless steel body. Glass diffuser. Dichroic parabolic reflector.

Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.438.01	Mirror-polished	12	10	G4	**14.453.01; 14.100.24**	white
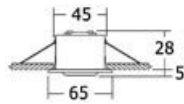
ALTAIR compact and adjustable LED spotlight

IP20   **LED**   **AISI 304**

Glass diffuser.

| Code	Finish	V	W	Reflector	LED	Light colour
13.437.15	Mirror-polished	12/24	3	Optical	1 HD	White

Recess-fit adjustable LED ceiling light

Chromed light alloy case, stainless steel parts. Polycarbonate diffuser. 3030 LED, warm light.

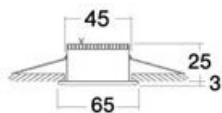| Code	Finish	V	W	Lumen	K	Beam angle	No. of LEDs	|←→| mm recess	outside Ø
13.437.20	Chromed	12/24	2	130	3000	120°	1	14.5	92
13.437.21	Chromed	12/24	4	260	3000	120°	1	14.5	115
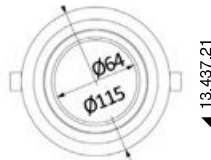
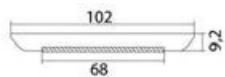▲ 13.437.20
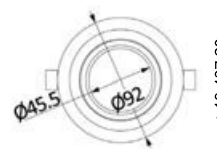
▲ 13.437.21

Atlas halogen ceiling light for recess mounting

IP40   **AISI 304**

Stainless steel body. Satin-finish glass diffuser.

Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.435.01	Mirror polished	12	10	G4	**14.454.12; 14.454.24**	white

Luna LED ceiling light, recessless version

IP65   **FLUSH MOUNT**

Anodized aluminium body, stainless steel finish ring. Technopolymer diffuser.
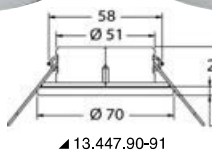Hidden LEDs, **even and shadeless light.**

Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.410.01	Mirror-polished	12	4.8	420	3000	100°	24	White

Atria halogen ceiling light for recess mounting

IP40/65   **AISI 304**

Stainless steel body. Satin-finish glass diffuser.
Double mounting system: hidden screws or stainless steel internal springs.

▲ 13.447.90

▲ 13.447.91

▲ 13.447.90-91

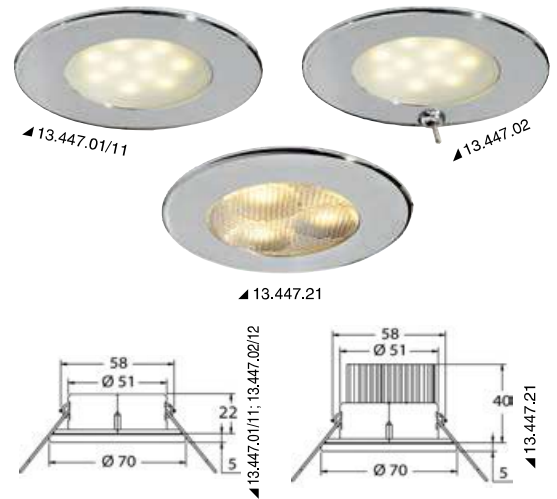| Code	Finish	V	W	Switch	IP Degree	Bulb	Spare bulb	Light colour
13.447.90	Mirror-polished	12	10	no	IP65	G4	**14.454.12; 14.454.24**	white
13.447.91	Mirror-polished	12	10	yes	IP40	G4	**14.454.12; 14.454.24**	white

Atria LED ceiling light for recess mounting

IP40/65 **AISI 304**

Stainless steel body. Satin-finish diffuser.
Double mounting system: hidden screws or stainless steel internal springs.

Code	Finish	V	W	Switch	IP Degree	Lumen	K	LED beam angle	No of LEDs	Light olour
13.447.01	Mirror-polished	12/24	2	No	IP65	215	3000	100°	12 LED SMD G4	White
13.447.02	Mirror-polished	12/24	2	Yes	IP40	215	3000	100°	12 LED SMD G4	White
13.447.05	Nickel satin-finish	12/24	2.4	Yes	IP40	215	3000	100°	12 LED SMD G4	White
13.447.21	Mirror-polished	12/24	8.4	No	IP65	500	3000	60°	3x3 LED HD	White

◄ 13.447.01/11

▲ 13.447.02

▲ 13.447.21

◄ 13.447.01/11; 13.447.02/12

▲ 13.447.21

New Atria II LED ceiling light for recess mounting

Stainless steel body. Satin-finish glass diffuser.
Dual fixing system: with hidden screws or with internal stainless steel springs.

Code	Finish	V	W	Switch	IP Degree	Lumen	K	LED beam angle	No of LEDs	Light colour
13.447.22	Mirror-polished	12/24	8	No	IP65	560	3000	50°	1	White
13.447.23	Mirror-polished	12/24	8	Yes	IP40	560	3000	50°	1	White

Dimmable through 14.482.00

▲ 13.447.22

▲ 13.447.23

Aruba reduced recess fit LED ceiling light

IP56 **AISI 316**

Technopolymer body and polished AISI316 stainless steel finishing ring.
Polycarbonate opal diffuser.
Mounting with stainless steel springs (no screws).

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	LED colour	mm
13.444.01	SS	12/24	3	No	193	3000	120°	14	White	Ø 72.3 x 21.8
13.444.02	SS	12/24	3	Touch	193	3000	120°	14	White	Ø 72.3 x 21.8
13.444.11	SS	12/24	3	No	193	3000	120°	14	White	72.4 x 72.4 x 21.8
13.444.12	SS	12/24	3	Touch	193	3000	120°	14	White	72.4 x 72.4 x 21.8

◄ 13.444.01/02

◄ 13.444.01/02

◄ 13.444.11/12

◄ 13.444.11/12

New Montsarrat II LED ceiling light for recess mounting

White epoxy-powder coated aluminium body, stainless steel finish ring.

Code	Finish	V	W	Lumen	K	LED beam angle	No. of LEDs	Light colour
13.445.08	Mirror-polished	12/24	8	560	3000	80°	1 LED HD	White

Asterope halogen ceiling light for recess mounting

IP40 **AISI 304**

Glass diffuser, dichroic parabolic reflector.

| Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.434.01	mirror-polished	12	20	G4	14.453.01; 14.100.24	white

OSCULATI
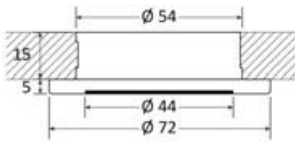
Polis reduced recess fit LED ceiling light

IP66

Traditional round shape, polycarbonate frame with mirror-polished stainless steel ring. Satin-finish diffuser.
Single central LED. Screw mounting.

Type	Recommended switch type	Recommended switch model	Dimmable
A	ON/OFF	Any	No
A	Touch dimmer	14.482.00	Yes
B	ON/OFF	Any	No
B	Switch on momentaneous	14.215.05/06.13/14 or similar	Yes

| Code	Switch type	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.488.01	A	Polycarbonate + steel	12/24	2	No	170	3000	80°	1	White
13.488.02	B	Polycarbonate + steel	12/24	2	No	160+50	3000	80°	1	White + red night light
13.488.11	-	Polycarbonate + steel	12/24	2	Yes, dimmerable touch switch	170	3000	80°	1	White
13.488.12	-	Polycarbonate + steel	12/24	2	Yes, dimmerable touch switch	160+50	3000	80°	1	White + red night light
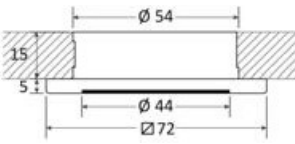
Propus reduced recess fit LED ceiling light

IP66

Round diffuser with square dial, polycarbonate frame with mirror-polished stainless steel ring. Satin-finish diffuser.
Single central LED. Screw mounting.

Type	Recommended switch type	Recommended switch model	Dimmable
A	ON/OFF	Any	No
A	Touch dimmer	14.482.00	Yes
B	ON/OFF	Any	No
B	Momentary on switch	14.215.05/06.13/14 or similar	Yes

| Code	Switch type	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.489.01	A	Polycarbonate + steel	12/24	2	No	170	3000	80°	1	White
13.489.02	B	Polycarbonate + steel	12/24	2	No	160+50	3000	80°	1	White + red night light
13.489.11	-	Polycarbonate + steel	12/24	2	Yes, dimmerable touch switch	170	3000	80°	1	White
13.489.12	-	Polycarbonate + steel	12/24	2	Yes, dimmerable touch switch	160+50	3000	80°	1	White + red night light
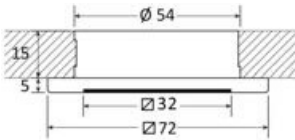
Bos reduced recess fit LED ceiling light

IP66

Square diffuser with square dial, polycarbonate frame with mirror-polished stainless steel ring. Satin-finish diffuser.
Single central LED. Screw mounting (IP66 protection degree) or spring mounting (IP40 protection degree).

Type	Recommended switch type	Recommended switch model	Dimmable
A	ON/OFF	Any	No
A	Touch dimmer	14.482.00	Yes
B	ON/OFF	Any	No
B	Switch on momentaneous	14.215.05/06.13/14; 14.482.01 or similar	Yes

| Code	Switch type	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.490.01	A	Polycarbonate + steel	12/24	2	No	170	3000	80°	1	White
13.490.02	B	Polycarbonate + steel	12/24	2	No	160+50	3000	80°	1	White + red night light
13.490.11	-	Polycarbonate + steel	12/24	2	Yes, dimmerable touch switch	170	3000	80°	1	White
13.490.12	-	Polycarbonate + steel	12/24	2	Yes, dimmerable touch switch	160+50	3000	80°	1	White + red night light
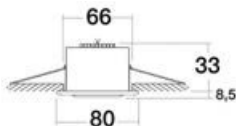
Merope halogen spotlight for recess mounting

IP30   **AISI 304**

Glass diffuser, dichroic parabolic reflector.

Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.436.01	mirror-polished	12	20	G4	14.454.12; 14.454.24	white
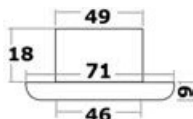
Syntesis LED ceiling light for recess mounting

IP55

Aluminium body, stainless steel finish ring.

Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.449.01	Mirror-polished	12/24	3	70	2900-3200	94°	1	white

Procion LED ceiling light, recessless version

IP65 | **AISI 304** | **FLUSH MOUNT**

Stainless steel body. Hidden screw mounting. It comes with 2 front diffusers having different transparency degree.

Code	Finish	V	W	Switch	Lumen	Ø mm	K	LED beam angle	No of LEDs	Light colour
13.441.11	Mirror-polished	12/24	1.2	No	110 (clear diffuser) / 80 (white diffuser)	65	3000	90°	6	White
13.441.12	Mirror-polished	12/24	1.2	Yes	110 (clear diffuser) / 80 (white diffuser)	65	3000	90°	6	White
13.442.11	Mirror-polished	12/24	2.6	No	215 (clear diffuser) / 160 (white diffuser)	86	3000	90°	12	White
13.442.12	Mirror-polished	12/24	2.6	Yes	215 (clear diffuser) / 160 (white diffuser)	86	3000	90°	12	White
13.442.14	Nickel satin-finish	12/24	2.6	Yes	215 (clear diffuser) / 160 (white diffuser)	86	3000	90°	12	White
13.442.25	Golden	12/24	2.6	No	215 (clear diffuser) / 160 (white diffuser)	86	3000	90°	12	White
13.442.26	Golden	12/24	2.6	Yes	215 (clear diffuser) / 160 (white diffuser)	86	3000	90°	12	White

▲ 13.441.11/12   ▲ 13.441.xx   ▲ 13.442.11   ▲ 13.442.25   ▲ 13.442.xx   INTERRUTTORE SWITCH   ▲ 13.442.26/12/14; 13.441.12

Procion (day/night) LED ceiling light, recessless version

IP65 | **AISI 304** | **FLUSH MOUNT**

Stainless steel body. Controlled by a central switch: 1st click = white light, 2nd click = coloured light.

Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs		Light colour
13.442.15	Mirror-polished	12/24	3.6	143 (white); 29 (coloured)	3000	90°/105°	8 (white); 4 (coloured)	White+ blue	White+ blue
13.442.16	Mirror-polished	12/24	3.6	143 (white); 29 (coloured)	3000	90°/105°	8 (white); 4 (coloured)	White+ red	White+ red
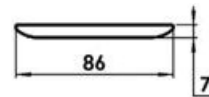
LED ceiling light, recessless version

IP65 | **FLUSH MOUNT**

OSCULATI

Stainless steel body.

Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.179.59	Mirror-polished	12	1.86	35	2900-3200	20°	3	white
13.179.80	Mirror-polished	12	3	84	2900-3200	25°	5	white
13.179.85	Mirror-polished	12	3.2	108	2900-3200	25°	6	white
13.179.90	Mirror-polished	12	5	162	2900-3200	25°	9	white

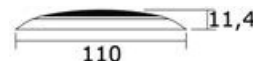▲13.179.59   ▲13.179.80   ▲13.179.85   ▲13.179.90

▲13.179.59   ▲13.179.80   ▲13.179.85   ▲13.179.90
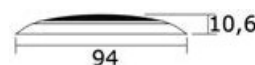
LED day/night ceiling light, recessless version

IP66 | **AISI 316** | **FLUSH MOUNT**

Stainless steel body.

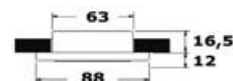| Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.179.81	Mirror-polished	12	3+0,6	84 (white); 2 (coloured)	2900-3200	25°	5 (white); 4 (coloured)	white + red

Vega Classic halogen ceiling light for recess mounting
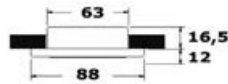
IP65 | **AISI 316**

White epoxy resin coated aluminium body, stainless steel finish ring. Satin-finish glass diffuser.

| Code	Finish	V	W	Bulb type	Spare bulb	Light colour
13.433.01	Mirror-polished	12	20	G4	14.453.01; 14.100.24	White

Vega LED ceiling light for recess mounting

IP65   **AISI 304**

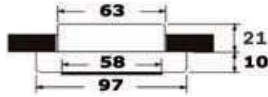White epoxy resin coated aluminium body, stainless steel finish ring. Satin-finish glass diffuser.

Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.433.11	Mirror-polished	12/24	4	290	3000	90°	16 LED SMD	white
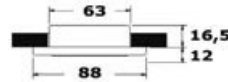
▲13.433.11

New   ### Vega II LED ceiling light for recess mounting

Aluminium body coated with white epoxy resin. Stainless steel ring. Satin-finish glass diffuser.

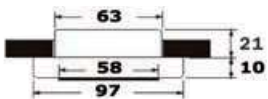| Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.433.12	Mirror-polished	12/24	8	560	3000	80°	1	White

Capella LED ceiling light for recess mounting

IP65   **AISI 316**

Nylon/fiberglass body, stainless steel ring, satin-finish glass diffuser.

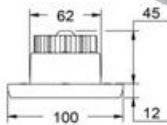| Code	Finish	V	W	lumen	K	LED beam angle	No. of LEDs	Light colour
13.433.30	Mirror-polished	12/24	2.5	240	3000	100°	12 LED SMD	white

---

New   ### Capella II LED ceiling light for recess mounting

Nylon/fiberglass body. Stainless steel ring. Satin-finish glass diffuser.

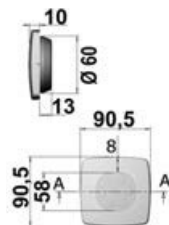| Code	Finish	V	W	lumen	K	LED beam angle	No. of LEDs	Light colour
13.433.33	Mirror-polished	12/24	3.5	240	3000	80°	1	White
13.433.34*	Mirror-polished	12/24	3.5	240+40	3000	80°	1+1	White

*   Red night light

Superyacht LED ceiling light

IP67   **AISI 316**

PBT body with aluminium heat sink. Precision-cast stainless steel trimming ring.
It emits a powerful natural and diffused light.

Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.413.01	Mirror-polished	12/24	8	460	3000	50°	1	White

Square LED ceiling light for recess mounting

IP43   **AISI 316**

Polycarbonate body, stainless steel finish ring.
Fitted with dual diffuser: opal glass and semi-clear glass.

Code	Finish	V	W	lumen	K	LED beam angle	No of LEDs	Light colour
13.443.41	Mirror-polished	12/24	4	80	3000	110° (white diffuser) / 105° (satin-finish diffuser)	16 SMD HD LEDs	White

---

OSCULATI
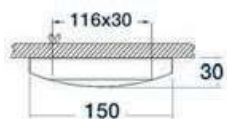
Polaris recessless ceiling light

IP56   **AISI 316**   **FLUSH MOUNT**

Stainless steel body, polycarbonate diffuser.

Code	Finish	V	W	Lumen	Lux @ 1 m	Bulb	Spare bulb	Light colour
13.432.11	Mirror polished	12/24	5	334	173*	LED	-	Warm white (3000 K)

*   Equivalent to 30W halogen bulb.

LED ceiling light for recess mounting

IP65 Satin-finish glass diffuser. For use in cockpits or engine rooms.

Code	Finishing	V	W	Lumen	Bulb	Spare LED bulb	Light colour
13.533.02	Chromed brass	12	1.8	120	LED 2835	**14.441.11; 14.441.12; 14.441.15**	Warm white

OSCULATI

Phad incandescent ceiling light for recess mounting

IP65   **AISI 316**

Polycarbonate diffuser.

Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.430.01	Mirror polished	12	20	G4 halogen	**14.453.01; 14.100.24**	White

OSCULATI

New ## Phad II LED ceiling light for recess mounting

IP65   **AISI304**

Polycarbonate diffuser.

Code	Finish	V	W	Lumen	Light colour	K	Angle of radiation
13.430.11	Mirror polished	12/24	6	286	White	3000	110°

FORESTI E SUARDI Sextans Q halogen ceiling light for recess mounting

Diecast brass body. Satin-finish tempered glass diffuser.
Bulb not included.

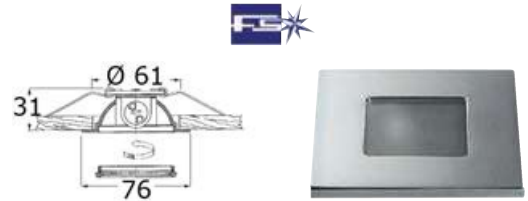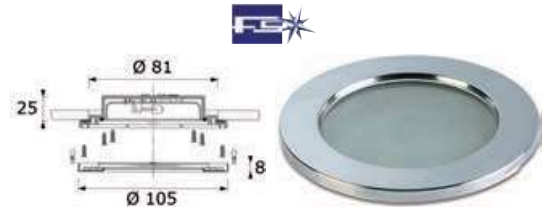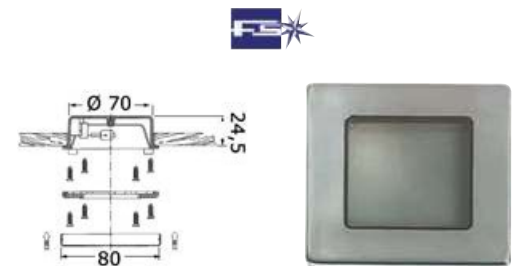| Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.468.01	chromed brass	12/24	20	G4	**14.453.01; 14.100.24**	white

FORESTI E SUARDI halogen ceiling light for recess mounting

IP65 Technopolymer body, stainless steel finish ring. Satin-finish tempered glass diffuser. Metallized aluminium internal parabolic reflector.
Bulb not included.

Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.481.08	mirror-polished	12/24	20	G4	**14.100.24**	white

FORESTI E SUARDI Hydra halogen ceiling light for recess mounting

IP65 Technopolymer body, stainless steel finish ring.
Satin-finish tempered glass diffuser.
Bulb not included.

Code	Finish	V	W	Bulb	Spare bulb	Light colour
13.481.01	mirror-polished	12/24	20	G4	**14.454.12; 14.454.24**	white

Italian Style halogen ceiling light, recessless version

FLUSH MOUNT Stainless steel body. Convex opal glass diffuser.
Hidden mounting, hinge opening system for bulb replacement.

Code	Finish	V	W	Switch	Bulb	OPTIONAL LED bulb	Spare bulb	Light colour	Ø A	Ø B	C
13.401.90	Mirror-polished	12	20	Yes	G4	**14.441.11; 14.441.12; 14.441.15**	**14.453.01; 14.100.24**	White	152	102	42

Japanese ceiling light, recessless version

Polycarbonate diffuser. **Halogen bulb version.**

Code	Finish	V	W	Switch	Bulb	Spare bulb	Optional LED bulb	Light colour	⟷ mm outside Ø A	Glass Ø B
13.543.01	Stainless steel	12	15	Yes	BA15D	**14.200.02; 14.200.03**	**14.443.11; 14.443.12**	☐ white	138	100
13.543.02	Stainless steel	12	15	Yes	BA15D	**14.200.02; 14.200.03**	**14.443.11; 14.443.12**	☐ white	169	125

Japanese recessless ceiling LED light

LED   **IP65**

Polycarbonate diffuser.

Code	Finish	V	W*	LED No.	Switch	⟷ mm Ø outside A	Ø Glass B
13.544.01	Stainless steel	12	3.7	20 x 0.2	Yes	138	100
13.544.02	Stainless steel	12	3.7	20 x 0.2	Yes	169	125
13.544.11	Polished lacquered brass	12	3.7	20 x 0.2	Yes	138	100
13.544.12	Polished lacquered brass	12	3.7	20 x 0.2	Yes	169	125

* *Equivalent to 19 W halogen bulb*

Metal reading/chart lights

LED spotlight

ABS.

Polished brass	Polished SS	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.904.02	**13.904.01**	12	3	Yes	85	2900-3200	24°	1 x HD LED	☐ White

LED spotlight

ABS. 360° rotation. 120° swivel motion.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No. of LEDs	Light colour
13.947.10	Polished SS	12/24	3.2	Yes	154	2900-3200	42°	16 LED HD	☐ White
13.947.11	Polished and lacquered brass	12/24	3.2	Yes	154	2900-3200	42°	16 LED HD	☐ White

Kuma e Rana LED spotlight

Mirror-polished stainless steel body, chromed aluminium head. Switch on the head top.

Code	Model	V	W	Switch	Lumen	K	LED beam angle	N. of LEDs	Light colour
13.439.30	Kuma	12/24	3	Yes	150	3000	40°	1 HD LED	☐ White
13.439.40	Rana	12/24	3	Yes	150	3000	40°	1 HD LED	☐ White
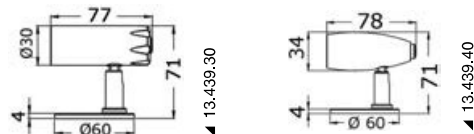
LED spotlight

Very small reading light. Chromed brass body.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.439.50	Chromed bras	12/24	2.2	Yes	52	2900-3200	80°	12	☐ White

BATSYSTEM Tube LED spotlight with USB outlet

Polished aluminium body.

Code	Light direction	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.867.03	Downwards	12	0.6	yes	60	3000	120°	18	White
13.867.09	Up/downwards	12	1.2	yes	60x2	3000	120°	18x2	White
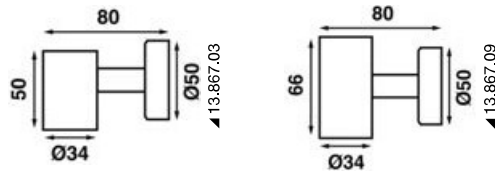
Båtsystem

BATSYSTEM Leia articulated LED spot light

Fitted with 2A USB plug.
Dimmerable touch switch that stores the light intensity set when last lit up.

| Code	Finishing	V	W	Lumen	K	Switch	Dimmer
13.867.20	Polished	12	3	270	3200	Yes	Yes
13.867.21	Black	12	3	270	3200	Yes	Yes

Båtsystem

◀ 13.867.20

◀ 13.867.21

LED spotlight

Stainless steel body. Opal technopolymer diffuser. plastic lampshade.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.438.90	Mirror-polished	12/24	2	Yes	240	3000	63°	12 SMD	White
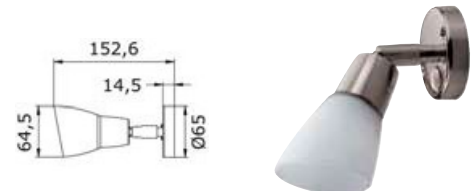
Dimming LED light

Aluminium body. Touch switch.

Code	Finish	Switch	V	W	Lumen	K	LED beam angle	No of LEDs	Light colour
13.439.55	Brushed and nickel-plated aluminium	Dimmable	10/30	1	141	3000	80°	1	White
13.439.56	Chromed aluminium + glass diffuser	Dimmable	10/30	3	203	3000	80°	1	White
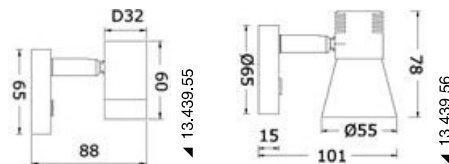
◀ 13.439.55

◀ 13.439.56

CREE LED reading spotlight

Chromed aluminium body. Touch switch.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	N. of LEDs	Light colour
13.439.58	Chromed aluminium	12/24	2.7	Yes	150	3000	80°	1 LED CREE	White
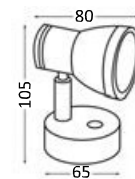
LED spotlight

IP20

Made of chromed aluminium with touch (dimmerable) switch.
Switch positions:
1: all off.
2: blue LED light on the switch brim (courtesy light).
3: spotlight on.

Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour
13.439.52	Satin chrome	12/24	3	120	3000	80°	1	White + blue
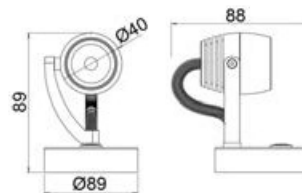
FORESTI E SUARDI Argo halogen bedside spotlight

Precision-cast brass body, sodic tempered satin-finish glass. **Bulb not included.**

Code	Finish	V	W	Switch	Bulb	Optional light bulb	Light colour
13.485.01	Chromed brass	12/24	10	Yes	G4	**14.454.12; 14.454.24**	White
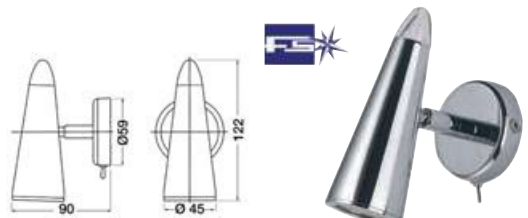
Laguna LED spotlight

Turned brass body, satin-finish glass diffuser.

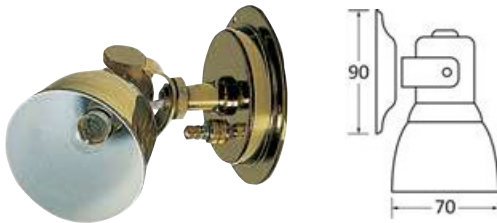| Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.439.15	Chromed brass	12/24	3	Yes	88	3000	60°	1 x HD LED	White
13.439.16 New	Chromed brass, satin finish	12/24	2	Yes	200	2700	60°	12	White
13.439.21*	Chromed brass	12/24	3	Yes	88	3000	60°	1 x HD LED	White

13.439.21

13.439.15/16

*   Lightweight version with round base plate.

Deluxe halogen spotlight

Brass body.

Code	Finish	V	W	Switch	Bulb	Spare bulb	Optional LED	Light colour
13.203.00	Mirror-polished lacquered brass	12	10	Yes	BA15D	**14.200.02**	**14.443.11/ 12/15/16/17**	White
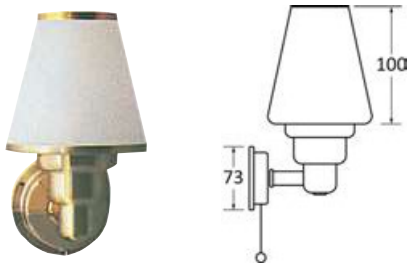
Glow Light halogen spotlight, fixed version for bed headboard

Aluminium body.

Code	Finish	V	W	Switch	Bulb	Spare bulb	Optional LED	Light colour
13.207.00	Satin-finish and gold-anodized aluminum	12	10	Yes	G4	**14.454.12; 14.454.24**	**14.441.11/ 12/15**	White
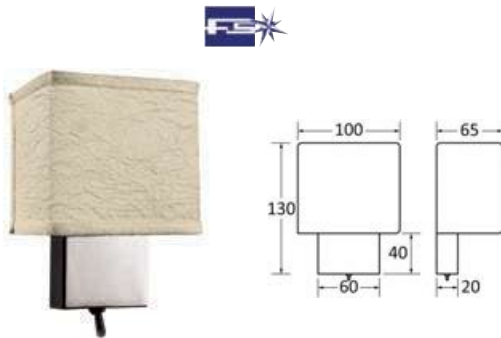
FORESTI E SUARDI bedhead halogen spotlight - fixed version for bed headboard

Brass body, self-extinguishing lampshade covered in ivory silk.
Bulb not included. G4 screw.

Code	Finish	V	W	Switch	Optional bulb	Light colour
13.483.10	Chromed brass	12/24	20	Yes	**14.453.01; 14.100.24**	White
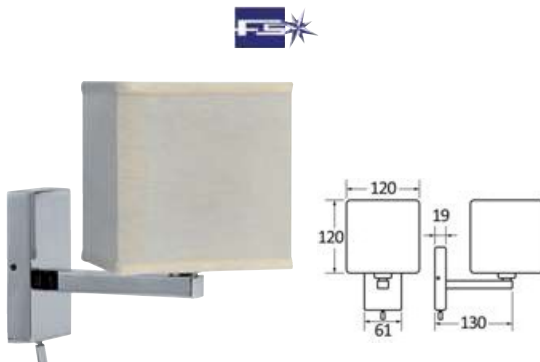
FORESTI E SUARDI bedhead articulated spotlight

Precision-cast brass body, self-extinguishing lampshade covered in ivory silk.
Bulb not included.

Code	Finish	V	W	Switch	OPTIONAL LED	Light colour
13.483.11	Chromed brass	12/24	40	Yes	**14.443.20; 14.443.21; 14.443.10**	White

FORESTI E SUARDI Maia bedhead articulated spotlight

Brass body, self-extinguishing lampshade covered in ivory silk.
Bulb not included. E14 screw.

Code	Finish	V	W	Switch	OPTIONAL LED	Light colour
13.483.08	Chromed brass	12/24	40	Yes	**14.443.20; 14.443.21; 14.443.10**	White

Plastic reading/chart lights

LED spotlight

Made of ABS.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No. of LEDs	Light colour
13.517.00	■ Black	12/24	2	Yes	50	2900-3200	90°	16 LED G4	☐ White

LED spotlight

Made of ABS with chromed brass articulation. Rotation: 300°. Up/down: 90°.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.896.01	☐ White	12/24	1.32	Yes	150	3500	40°	1 HD LED	☐ White
13.896.02	■ Black	12/24	1.32	Yes	150	3500	40°	1 HD LED	☐ White

▲ 13.896.01

▲ 13.896.02
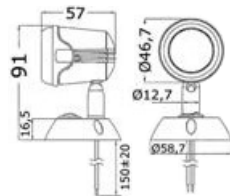
BATSYSTEM Opal II halogen spotlight.

ABS, opal glass diffuser.

Code	Finish	V	W	Switch	Bulb	Spare bulb	Optional LED	Light colour
13.869.03	Chromed	12	10	Yes	G4	**14.454.12; 14.454.24**	**14.441.11; 14.441.12; 14.441.15**	☐ White
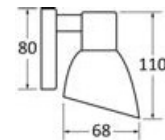
BATSYSTEM Opal II LED spotlight

ABS, opal glass diffuser.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.869.13	Chromed	8/30	1.2	Yes	80	3000	360°	15 x SMD LEDs	☐ White
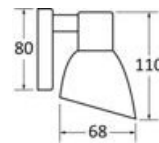
BATSYSTEM Tube halogen spotlight

ABS.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour
13.868.10	☐ White	8/30	2.4	Yes	150	3000	120°	12 x SMD LEDs	☐ White
13.868.12	Chromed	8/30	2.4	Yes	150	3000	120°	12 x SMD LEDs	☐ White

▲ 13.868.10

▲ 13.868.12

Articulated spotlights

▲ 13.237.05   ▲ 13.237.06   ▲ 13.237.03
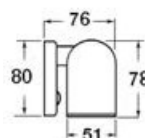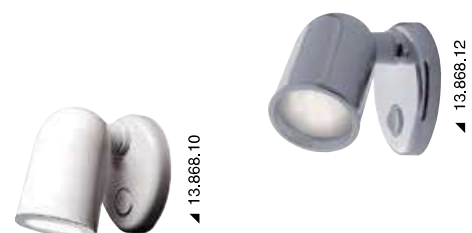
Articulated reading LED spotlight

Mirror-polished stainless steel baseplate and chromed brass head.

Code	Arm finish		V	W	Switch	Lumen	K	LED beam angle	Light colour	mm	
										base	arm
13.237.03		Polished stainless steel	12/24	3	Yes	79	3000	40°	White	66x45	220
13.237.05		Black leather coating	12/24	3	Yes	79	3000	40°	White	66x45	220
13.237.06		Brown leather coating	12/24	3	Yes	79	3000	40°	White	66x45	220

▲ 13.237.03   ▲ 13.237.05   ▲ 13.237.06

Articulated reading LED spotlight

IP40

Polished stainless steel spotlight and baseplate.
Articulated arm coated in black silicone.
Fitted with USB socket on the base. Touch switch on the head.

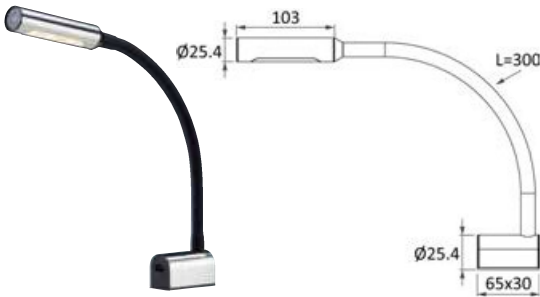| Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour	mm	
										base	arm
13.237.07	Black silicone	12/28	3	Yes	167	3000	50°	1	white	65x37	300

New Articulated reading LED spotlight

Polished stainless steel spotlight and baseplate. Articulated arm coated in black silicone.
Fitted with 2.1A USB socket on the base. Touch switch on the head.
Powerful light beam with 3 x white LEDs + 2 x red LED for night light.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour	mm	
										base	arm
13.237.08	SS + black silicone	12/24	4,5+ 1,0	Touch	430	3000	50°	3+2	White + Red	65x37	300

Articulated LED light for bedhead and chart table

Chromed brass body.

Code	V	W	Switch	Lumen	K	LED beam angle	Light colour	mm	
								base	arm
13.236.90	12/24	1.2	Yes	52	2900-3200	110°	White	54	460

14.654.02 *OPTIONAL dimmer.*

## Articulated LED spolight for bedhead and chart table

Brushed and nickel-plated aluminium body. Methacrylate reflector.

Code	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Light colour	mm	
									base	arm
13.236.92	10/30	1	Yes	143	3000	120°	1	White	Ø 35	365

Articulated LED spotlight for bedhead and chart table

Code	Finish	V	W	Switch	No of LEDs	Arm mm	Light colour
13.239.24	Black	12	1.3	Yes	6 SMD LEDs	330	White + night red
13.239.25	Silver titanium	12	1.3	Yes	6 SMD LEDs	330	White + night red
13.239.26	Silver titanium	12	1.3	Yes	6 SMD LEDs	130	White + night red

13.239.26

13.239.25
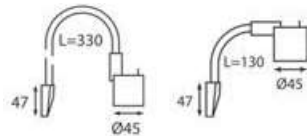
LABCRAFT ML articulated LED spotlight for chart table

Dual light.

Labcraft

Position 2

Code	V	W	Switch	Lumen	K	LED beam angle	Light colour	mm	
								base	arm
13.228.11	12	0.85	Yes	72	6100 - 6900	115°	White + night red	35x18	460

Spotlight for cabinets

Courtesy light with automatic switching

Suitable for closets or cabinets; fitted with electrical cable and spring switch for mounting onto the door leaf, which activates the light when it opens.

Båtsystem

Code	Finish	V	W	Lumen	Light colour	Ø base mm	Overhang mm	Spare bulb
13.893.00	White ABS	12	4	50	White	32	37	**14.250.00**

Courtesy light with automatic activation and Feton 2 independent power supply

Activated by pressure (on door opening).
Suitable for wardrobes, lockers, closets, installation with bayonet fixing or adhesive.

| Code	Finish	W	Lumen	No of LEDs	Batteries	mm
13.851.07	Grey ABS	0.07	14/18	4	LI154 (6 pcs)	50x41x20 h

Metal light strips

Turnstripe LED track light, rotating version

High intensity LED light and built-in switch; anodized aluminium body, opaline front glass.

▲ 13.838.01

▲ 13.838.01

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Length mm
13.838.01	12/24	1	50	4000	120°	8	260
13.838.02	12/24	2	81	4000	105°	16	413

13.838.01

13.838.02

▲ 13.838.02
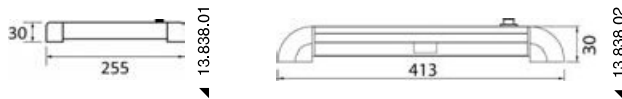
Slash 360° adjustable LED ceiling light

Adjustable 360° chromed aluminium LED strip with polycarbonate lens.
Ideal for undercabinet installation. When rotated, it creates direct or diffused lights depending on its position.
Easy installation with a two-adhesive tape system that centers the supports with no need of template.

Code	V	W	Switch	Lumen	mm	
					Length	projection
13.838.12	12	2	Yes	145	303.1	45
13.838.24	24	2.2	Yes	162	303.1	45

Plastic light strips

Cobo spotlight

Genuine Cobo white polycarbon ceiling light with switch. Fastoon bulbs not included.

| Code	Finish	Switch	Length cm	OPTIONAL bulb	OPTIONALI LED
13.523.01	White polycarbonate	Yes	12	14.300.00; 14.300.01	14.300.32
13.523.02	White polycarbonate	Yes	17	14.300.00; 14.300.01	14.300.32

Free-standing watertight LED light fixture

OSCULATI

IP66

LED SMD-HD high-efficiency light source. **Flat base** version, ideal for engine compartments, bathrooms, kitchens, under boom on sailing boats, etc.

Code	Finish	V	W	Lumen	K	LED beam angle	LED	Switch	|←—→| mm
13.192.00	White	12	3.4	360	4000	70°	10 SMD-HD	No	230x24x11 h
13.192.01	Polished AISI316 SS	12	6	450	4000	30°	10 SMD-HD	No	238x34x8.4 h
13.192.10	White	12	5.4	450	4000	50°	10 SMD-HD	Yes	320x40x15 h
13.192.11	Chromed	12	5.4	450	4000	50°	10 SMD-HD	Yes	320x40x15 h
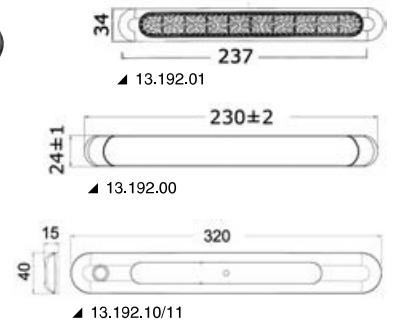
Linear overhead LED light

14 LED SMD-HD high-efficiency light source. Light alloy base with polycarbonate opal lens. Round switches with built-in blue/red LED.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	|←—→| mm
13.192.40	White	12	5.2	Yes	228	3000	120°	14	345x33x12 (H)

◢ ON - Blue switch

◢ OFF - Red switch
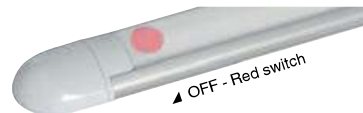
LABCRAFT Astro LED strip light

Labcraft DESIGN LED LIGHTING

LED

IP66

24 HD Superflux LEDs are used which are embedded in a watertight clear resin structure. Light performance at 1-mt distance equal to a 10-watt halogen bulb but with 1/5 consumption.

Code	Finish	V	W	Current draw A	Lumen	K	LED beam angle	No of LEDs	|←—→| mm
13.198.01	Grey technopolymer	12	3.7	0.18	320	6100 - 6900	115°	24	592x43x30 h
13.198.02	Grey technopolymer	24	3.7	0.9	320	6100 - 6900	115°	24	592x43x30 h

Internal View
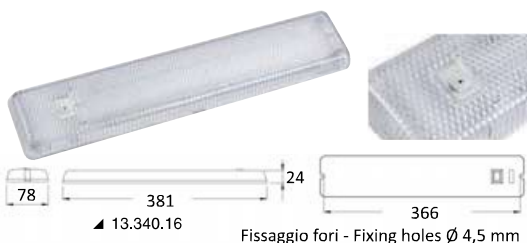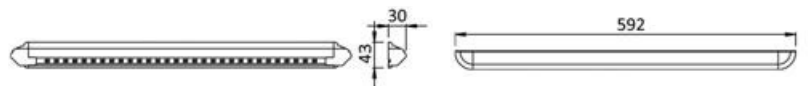
LABCRAFT Trilite table light

Labcraft DESIGN LED LIGHTING

Fitted with **switch** and **anti-interference** device. High-resistance **methacrylate** body.

Code	Version	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	|←—→| mm
13.340.16	HD LED	12	3	Yes	320	6100 - 6900	115°	12	381x78x24 h
13.340.17	HD LED	24	3	Yes	320	6100 - 6900	115°	12	381x78x24 h
13.340.18	HD LED	12	6	Yes	640	6100 - 6900	115°	24	381x78x24 h
13.340.19	HD LED	24	6	Yes	640	6100 - 6900	115°	24	381x78x24 h

◢ 13.340.16

Fissaggio fori - Fixing holes Ø 4,5 mm

Straight overhead LED lights

ON-OFF switch, white body + satin light bulb.
They replace the equivalent ones fitted with fluorescent tube and offer lower consumption and longer duration.

| Code	Light	V	W	Lumen	K	No of LEDs	|←—→| mm	LED beam angle
13.555.13	White	12	6.3	457	5600	18	410x65x35 h	120°
13.556.13	White	12	12.7	889	5600	36	410x95x35 h	120°

◀ 13.556.13

◀ 13.555.13

OSCULATI

Watertight LED table light with touch switch

IP66 HD LED light source.
Ideal for bathrooms, kitchens, peaks, engine rooms, booms, sailing boats, etc.
For flat mounting, it also comes with a kit for mounting at 45°.
Blue light touch switch.

Code	V	W	Lumen	K	LED beam angle	No of LEDs
13.193.21	12/24	6	140	3300	130°	16
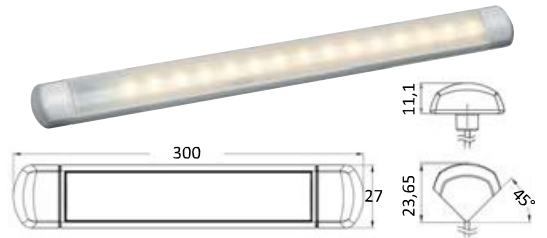
LED fluorescent light, watertight free-standing version

IP66 SMD LED light source. Flat mounting. Ideal for bathrooms, kitchens, peaks, engine rooms, under boom on sailing boats, etc. White technopolymer body.

Code	V	W	Lumen	K	LED beam angle	No. of LEDs
13.193.01	12/24	1.8	72	3325	110°	27
13.193.02	12/24	2.4	142	3325	110°	54

◀ 13.193.01

◀ 13.193.02
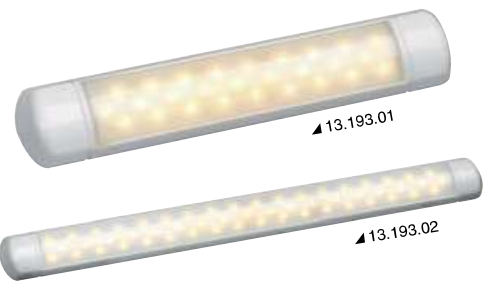
Light strips

LABCRAFT Orizon LED light bars

IP66   **LED**

Transparent polycarbonate light bars with Cree Superflux high-efficiency and low-consumption LEDs.
Mounting by means of 2 screw or self-adhesive tape.
Ultra-reduced section (18 x 11 mm). 100% watertight since all parts are inside a polycarbonate extruded body.
They can be connected to each other or by means of a cord.

Labcraft

| Code	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour	Length mm	Section mm
13.843.03	12	3	440	6100-6900	115°	12	White	272	18x11
13.843.01	12	6	880	2000-3000	115°	24	White	522	18x11
13.843.02	24	6	880	2000-3000	115°	24	White	522	18x11
13.843.05	12	12	1700	2000-3000	115°	48	White	1022	18x11
13.843.06	24	12	1700	2000-3000	115°	48	White	1022	18x11

272/522/1022
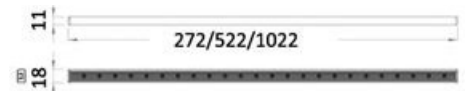
LED light strip

IP66   **LED**

Light strip made of clear thermoplastic with 2835 LEDs. 4-screw mounting or with double-sided tape. 100% watertight. LEDs are embedded in the front resin element.
Ideal for indirect lighting in dinettes and cabins.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour	Length mm	Section mm
13.844.01	12	3	265	5800	120°	17	White	229	22x11
13.844.06	12	6	529	5800	120°	45	White	508	22x11
13.844.02 New	12	3	54	-	120°	17	Blue	229	22x11
13.844.07 New	12	6	153	-	120°	45	Blue	506	22x11
13.844.04 New	12/24	1.2	15/61/18/94	-	120°	15	RGBW*	225	22x11
13.844.05 New	12/24	2.4	42/169/46/234	-	120°	39	RGBW*	508	22x11

* Selectable colors

229/508

◀ 13.834.08

◀ 13.834.09

◀ 13.834.xx
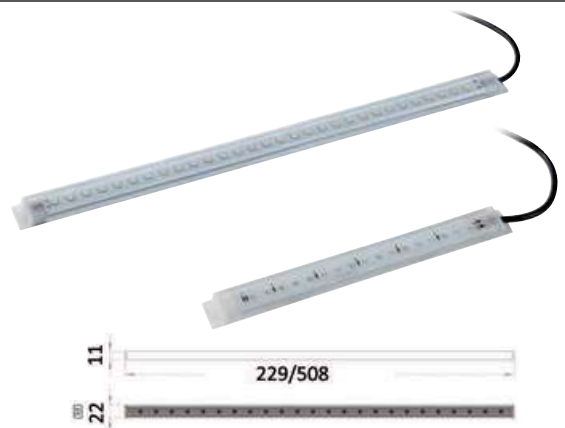
Ambient strip lights, flexible version

Self-adhesive, waterproof, equipped with end micro-connector allowing to connect them in series and with connection cable with micro-connector.

Code	V	W	Absorption mA	Lumen	K	LED beam angle	No of LEDs	LED colour	Length mm	Section mm
13.834.01	12	1.4	70	100	3000	120°	12 SMD	White	300	10x3
13.834.03	12	1.4	70	30	-	120°	12 SMD	Blue	300	10x3
13.834.05	12	1.8	90	165	3000	120°	15 SMD	White	500	10x3
13.834.06	12	1.8	90	50	-	120°	15 SMD	Blue	500	10x3
13.834.08	12	3.6	150	330	3000	120°	30 SMD	White	1000	10x3
13.834.09	12	3.6	150	100	-	120°	30 SMD	Blue	1000	10x3
13.834.11	12	5.4	200	500	3000	120°	45 SMD	White	1500	10x3
13.834.12	12	5.4	200	150	-	120°	45 SMD	Blue	1500	10x3

"Superbright" LED light

◀ 13.842.01/02/03/04

◀ 13.842.11/12/13/14

◀ 13.842.01/02/03/04
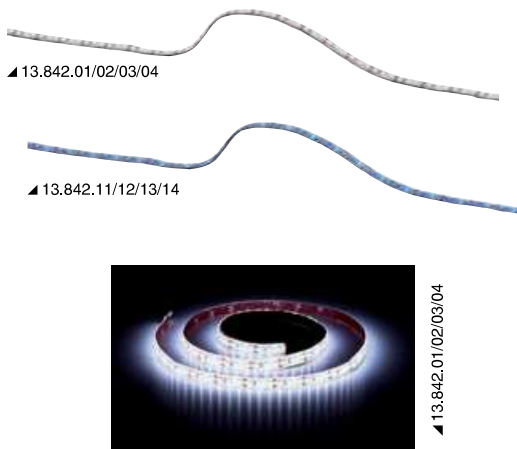
Flexible LED light strip

IP65

Fitted with 30-cm bipolar end cord.
They can be cut every 2.5 cm (12V) or 5 cm (24V).
Self-adhesive with 3M original tape.

Code	V	W	Lumen/m	K	LED beam angle	No. of LEDs	LED colour	Length mm	Section mm
13.842.01	12	12	1000	3000	120°	120	Warm white	1000	10x4
13.842.02	12	24	1000	3000	120°	240	Warm white	2000	10x4
13.842.03	24	12	1000	3000	120°	120	Warm white	1000	10x4
13.842.04	24	24	1000	3000	120°	240	Warm white	2000	10x4
13.842.11	12	12	300	-	120°	120	Blue	1000	10x4
13.842.12	12	24	300	-	120°	240	Blue	2000	10x4
13.842.13	24	12	300	-	120°	120	Blue	1000	10x4
13.842.14	24	24	300	-	120°	240	Blue	2000	10x4

◀ 13.701.12/24

◀ 13.702.12/24

◀ 13.710.03

◀ 13.710.04

Neon Light flexible LED strip, even light

IP68

2-m bars. They can be very easily **cut to measure** keeping into account that the master contact is placed every 50 cm (marked on the bar).

Yet the bar can also be cut every **10 or 5 cm** (thus avoiding waste) being extremely careful in the process.

This technology delivers **even and diffused light.**
For interior and exterior applications.

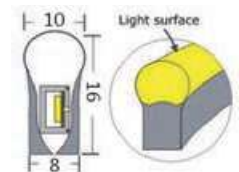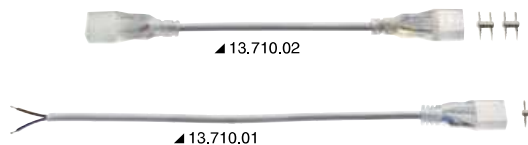| Code	V	W/m	Lumen	K	LED beam angle	No of LEDs/m	LED colour	Length m	Section mm
13.701.12	12	10	380	3000	120°	120	Warm white	2	8x16
13.701.24	24	10	380	3000	120°	120	Warm white	2	8x16
13.702.12	12	10	100	-	120°	120	Blue	2	8x16
13.702.24	24	10	100	-	120°	120	Blue	2	8x16

13.710.01 *Electric cord fitted with 1 junction.*

13.710.02 *Electric cord to connect 2 bars fitted with 2 junctions.*

13.710.03 *Aluminium clip to fasten 2 bars.*

13.710.04 *End cap.*
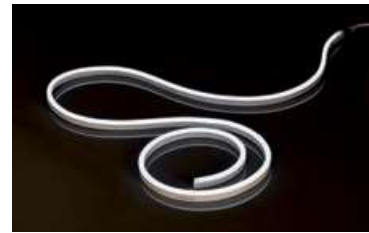
◀ 13.710.02

◀ 13.710.01

Neon Light flexible LED strip, even light

IP65

10x10 mm **square section** version with silicone body. 3-m bars.

They can be cut every **5 cm**.

Ideal to be integrated into the **cabin roof** for diffused and uniform light.

For **interior and exterior applications**. Accessory line for universal applications.

◄ 13.704.12/24

◄ 13.705.12/24

Code	V	W/m	Lumen	K	LED beam angle	No of LEDs/m	LED colour		Length m	Section mm
13.704.12	12	12	380	3000	120°	120		Warm white	3	10x10
13.704.24	24	12	380	3000	120°	120		Warm white	3	10x10
13.705.12	12	12	100	-	120°	120		Blue	3	10x10
13.705.24	24	12	100	-	120°	120		Blue	3	10x10

13.705.01 *Aluminium clips for strip mounting*

13.705.03 *90° cable outlet lid*

13.705.04 *Linear cable outlet lid*

13.705.05 *Blind end lid*

13.705.10 *SS flexible support for 2-m LED light strip. It can be used as a single piece, in pieces or in the single elements.*

Light surface

Light surface

Flexible

◄ 13.705.01

◄ 13.705.03

◄ 13.705.04

◄ 13.705.05

◄ 13.705.10

SMD LED strip light, semi-rigid version

IP65

Flexible **self-adhesive** aluminium base.
The strips can be **combined** head to head by means of their male/female end plug or can be cut every 100 mm thus obtaining the length needed.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour		Length mm	Section mm
13.834.20	12	3.6	330	3000	120°	30		White	500	10x3
13.834.21	12	3.6	100	-	120°	30		Blue	500	10x3
13.834.22	12	3.6	300	3000	120°	30		White	500	10x3

Profile to embed LED strips

This profile is sold in bars and consists of a base to be fixed to the wall and a translucent methacrylate covering. LED strips not exceeding 12-mm width can be placed inside.
The bars can be aligned to get any legnth or cut to measure.

Code	Description	Length mm	Section mm
13.834.30	White plastic base profile + methacrylate cover + 2 terminals	1000	25x10 h
13.834.31*	Anodized aluminium base profile + methacrylate cover + 2 terminals + fastening clips	1000	17.3x8.4 h

*   *Designed for bars 13.842.xx*

◄ 13.834.31

◄ 13.834.30

BATSYSTEM U-Pro-System LED strip lights with built-in switch

360° swivelling light bars.
Anodized aluminium body with built-in SMD LEDs shielded by glazed plexiglass.
The system is equipped with several types of supports that make it very versatile.
It can be produced in any length.

Code	Type	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Length mm
13.839.01	U-Pro 230	12	1.56	Yes	150	3000	120°	60	230
13.839.03	U-Pro 480	12	3.52	Yes	417	3000	120°	120	470

◄ 13.839.01/03

20 | 230

20 | 500
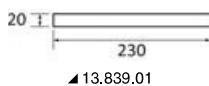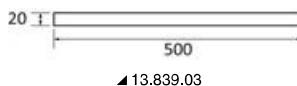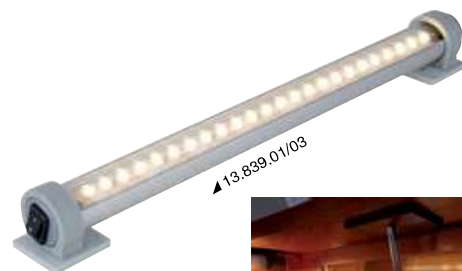
◄ 13.839.01

◄ 13.839.03

Watertight lights for cockpits, engine housings, service rooms

OSCULATI

Cockpit light

IP56 Designed to be installed without recess fitting wherever safety lights are required (engine rooms, instrument panels, cabin entrance stairs, cockpits and storerooms). White UV resistant Luran body, waterproof.

| Code	V	K	No of LEDs	$\longleftrightarrow$ mm	Spare bulb	
					12V	24V
13.540.00	12	-	-	80x42x38	**14.400.02**	**14.400.03**
13.539.12	12	6500	4	80x42x38	-	-

OSCULATI

Courtesy Light watertight light with clear plexiglas lens

IP56 Specially suitable for lighting engine rooms, lockers or cockpits.

Code	V	K	No of LEDs	Glass color	Spare bulb	
					12V	24V
13.530.01	12	-	-	White	**14.300.00**	**14.300.01**
13.529.12	12	6500	18	White	-	-
13.529.24	24	6500	18	White	-	-

OSCULATI
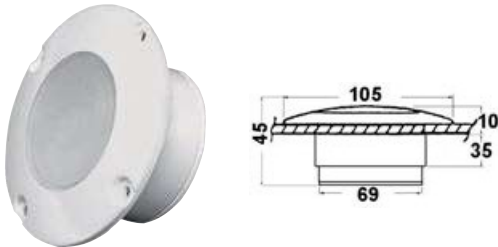
Courtesy Light cockpit light, built-in version

IP56 100% watertight, fitted with very sturdy plexiglass clear lens, designed for mounting on the cockpit bulkheads or on the flybridge.
Also suitable as dock light for stern mounting and it may also be used as underwater light in tanks or pools. UV-resistant Luran body.

Code	V	K	No of LEDs	Glass color	Spare bulb	
					12V	24V
13.530.00	12	-	-	White	**14.300.00**	**14.300.01**
13.528.12	12	6500	18	White	-	-
13.528.24	24	6500	18	White	-	-

LED ceiling light

IP67   **LED**

24 reflected LED lights inside a ultra-resistant watertight body.
Ideal for confined places such as bilges, cockpits, flybridge and any place needing very bright and sturdy lights. Touch-control blue light switch. 3 light level modes.
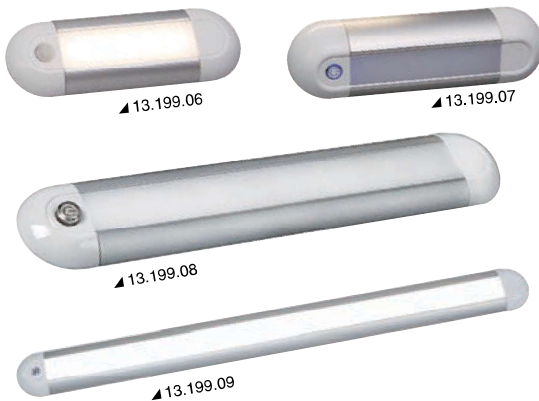
Code	V	W*	Lumen	K	LED beam angle	No of LEDs	$\longleftrightarrow$ mm
13.199.05	10/30	3/6/9	1780	4500	120°	24	Ø 130 x 18.5 h

*   depending on the level chosen

LED ceiling light for interior and exterior applications

IP67 Anodized aluminium body + technopolymer. Suitable for use in cabins, bilges, peaks, engine rooms, cockpits, flybridge and confined rooms.
Flat mounting without bores.

Code	Switching on	V	W	Lumen	K	LED beam angle	No of LEDs	$\longleftrightarrow$ mm
13.199.06	Automatic with motion sensor	12/24	4.4	195	3000	90°	22	160x53x12
13.199.07	With touch switch	12/24	6.4	250	3000	90°	32	200x60x35
13.199.08	With touch switch	12/24	11.6	550	4500	90°	58	300x53x12
13.199.09	With touch switch	12/24	23.6	820	4500	90°	118	600x53x12

▲13.199.06 ▲13.199.07

▲13.199.08

▲13.199.09

▲ 13.199.06/08/09

◢13.199.07
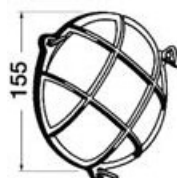
Watertight spotlight

Watertight lamp, bayonet lamp-holder + screw lamp-holder; specially suitable for machine rooms and deck lighting.

Code	Material	Ø mm	max bulb watt
13.202.89	chromed brass	155	40

LABCRAFT Microlux LED hi-tech ceiling light

Labcraft

| IP67 | LED |

It consists of Superlux LEDs embedded in a IP67 watertight extraresistant structure.
With a 90° light opening, it is ideal for applications in damp or exposed environments (bilges, cockpits, flybridge, etc.)

Code	Type	Frame colour	V	W	Lumen	K	LED beam angle	LED N.	⊢⟶⊣ mm
13.199.00	MICROLUX	Black/Grey	12/24	2.7	354	5700 - 6500	180°	2	128x100x15
13.199.02	SUPERLUX	White/Silver	12/24	6	624	5700 - 6500	180°	2	128x100x15

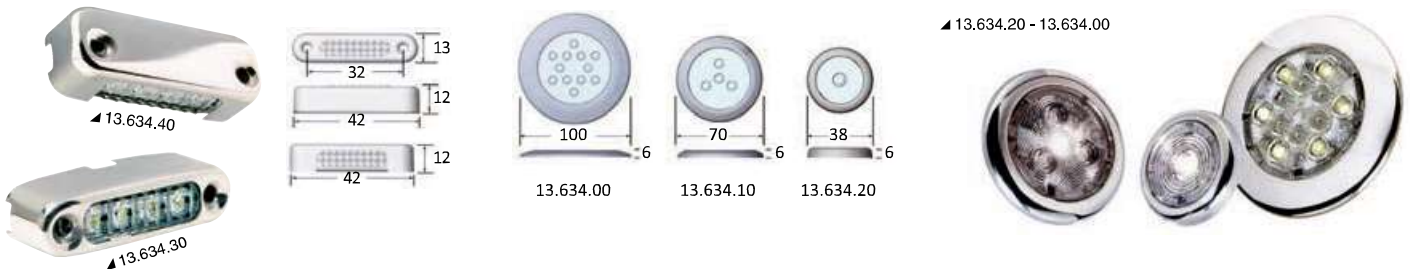◢13.199.00/02   Fixing Cenues 100   ◢13.199.00   ◢13.199.02

ATTWOOD LED courtesy light

attwood

| IP67 | LED |

Installation **without additional components.** Polished stainless steel finishing collar.
Totally waterproof, suitable for indoor and outdoor use.

◢13.634.40   ◢13.634.30

13   32   12   42   12   42

100 ⊢6   70 ⊢6   38 ⊢6

13.634.00   13.634.10   13.634.20

◢13.634.20 - 13.634.00

| Light Type | | Versions | V | W | No of LEDs | Light beam | Ø mm | Overhang mm | ⊢⟶⊣ mm |
White	Blue								
13.634.00	-	Round	12	3	6	-	100	6	-
13.634.20	-	Round	12	1.1	1	-	38	6	-
13.634.30	13.634.31	Oval, also suitable for gangplanks and ladders	12	1	4	horizontal	-	12	42
13.634.40	-	Oval, also suitable for gangplanks and ladders	12	1	4	vertical	-	12	42

Aurora pop-out LED table light

13.448.00 - A Flush Lamp, that is concealed when retracted

Full flat when not in use

Waterproof, ideal for interior and exterior applications

Smooth spring operation that turns on and off automatically

Solid 316L cover

Solid 316L cap

A soft hidden light that makes a perfect warm ambient light.

A dimmer switch is available separately (13.448.01)

Table and cockpit lighting

OSCULATI

▲13.448.06 ▲13.448.00 ▲13.448.00 ▲13.448.10

Ø61

A
100
12
14
100
B
Ø14 20 Ø66

Ø4,2
100 80
▲13.448.00/06

Ø4,2
100 80
▲13.448.10

Aurora pop-out LED table light

LED

Flush with the table top when off, it pops out and automatically lights up by slightly rotating the stainless steel upper ring.
Dimmer switch upon request (13.448.01) to dim the light for ambient effect.
Mirror-polished AISI316 stainless steel upper element.
WARNING: 1 dimmer can manage up to 6 lamps at a time.

Code	Version	Base	V	W	Lumen	K	Optional dimmer	|←→| mm	
								A	B
13.448.06	Short	Square	12/24	7	500	3000	**13.448.01**	71	110
13.448.00	Standard	Square	12/24	7	500	3000	**13.448.01**	140	222
13.448.10 New	Standard	Round	12/24	7	500	3000	**13.448.01**	140	222

▲13.448.10   ▲13.448.01

▲13.448.06/00

Pull-out LED light pole for table applications

Designed to light up indoor/outdoor tables. Mirror-polished stainless steel LED light pole, chromed brass lamp holder. Light intensity (100% - 50% - 20% - 0) adjustable by means of a touch switch. 12V power supply through a base 13.440.10/16 sold separately.

Ø40
120
180
45
200

▲13.440.02 ▲13.440.02

Code	V	W	Lumen	K	LED beam angle	No of LEDs	Base with AISI 316 stainless steel cap OPTIONAL
13.440.02	12	4,2	440	3000	360°	48	**13.440.10; 11.000.27**

▲13.440.10   ▲11.000.27

Pull-out table lamp for cockpit tables

The power supply comes through the base 13.440.10/16 (sold separately).
Stainless steel pole with snap-in fitting. The table lamp is made of plastic material.

180
340

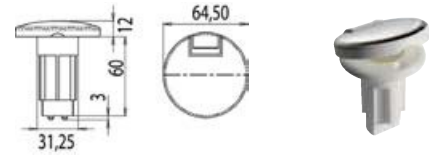| Code	V	W	|←→| mm	Base (63x64x31 mm) OPTIONAL	Base (56x64x31 mm) OPTIONAL	Spare halogen bulb	Spare LED
13.440.03	12	10	180x340	**13.440.10**	**11.000.27**	**14.200.02**	**14.443.11**

▲13.440.10   ▲11.000.27

Base for pull-out poles

13.440.10 Base with AISI 316 stainless steel cap.

## Flat base for pull-out pole

FLUSH AISI316 stainless steel base with cover. Rotate to open.
Small size in height and width. 100% watertight, it can be built in or flush mounted on a surface.

| Code	|←→| mm	Overhang mm	No of contacts
11.000.27	56x64x31	6	2

Freestanding watertight LED light fixture

IP66 LED SMD-HD high-efficiency light source.
Radial base version with soft silicon seal, **ideal for round booms, roll bars and dinghies,** etc.

Code	Finish	V	W	Switch	Lumen	K	LED beam angle	No of LEDs	Lux at 50 cm	|←→| mm
13.192.20	White	12	3	Yes	450	4000	50°	10 SMD-HD	342	320x40x15 h
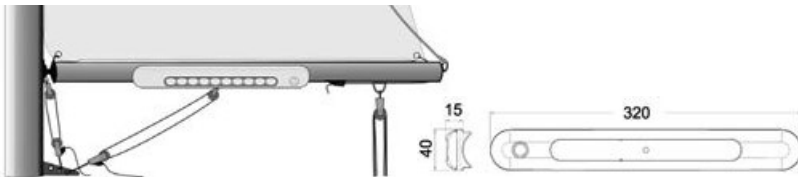
New   Battery-powered Bimini top light

MAGNETIC **WITH BATTERY**

LED strip light with magnetic clip.
With the new magnetic fastening system, the strip light can be mounted in any position of the Bimini top. The clip is small and can be left on the Bimini top even when it's folded.
The LED light is fitted with a long-duration battery (up to 12 hours), a light intensity control, a battery level indicator and a motion sensor for temporary switching on.
Rechargeable via USB cable.

Code	V	W	LED	No of LEDs	Battery
13.195.12	5	2	White	60	1300 mAh
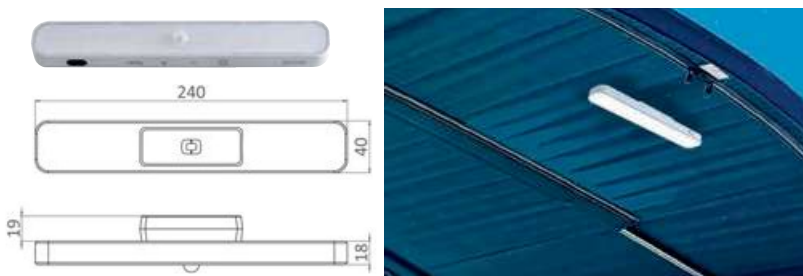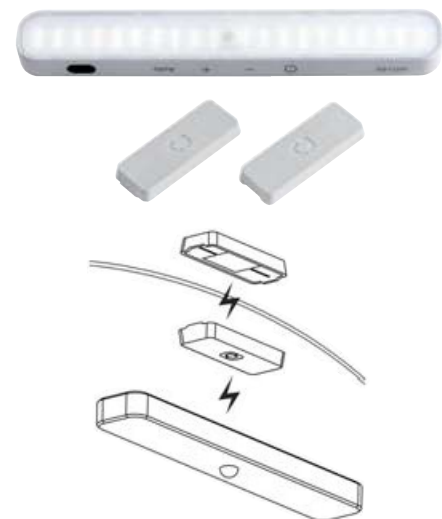
BIMINI compact overhead LED light

IP65/67 **LED**

Made of polished stainless steel, technopolymer glass. Recessless mounting.

Code	Bottom	V	W	Switch	K	LED beam angle	No of LEDs	Lux	IP	|←→| mm
13.525.01	Flat	12/24	1.3	No	3000	25°	8 HD	220	67	102x33x11 (h)
13.525.02	Flat	12/24	1.3	Yes	3000	25°	8 HD	220	65	102x33x11 (h)
13.525.04	Soft curved bottom for mounting on 35/50-mm Ø A-frame tubes	12/24	1.3	Yes	3000	25°	8 HD	220	65	104x35x15 (h)

▲13.525.01 ▲13.525.02 ▲13.525.04

Portable and fixed deep spot lights

Portable light madeof chromed zamak

Fitted with extension cable and terminal lighter plug. Bulb Ø 116.

Code	V	Capacity m	Bulb included
13.246.00	12	500	Iodine 50 W "H3"

Portable light, adjustable

OSCULATI

Waterproof adjustable portable light, made of 100% **black neoprene** and fitted with optic unit with **quartz halogen** light (H3 screw).
It comes with extension cord, watertight switch and terminal plug.

Code	Handle	V	W	Range m	Reflector Ø
13.109.40	Anatomically designed	12	55	500	4"

OSCULATI

▲ 13.017.01;
13.018.00/01

▲ 13.016.00

Utility Rubber Spot light, 100% shatterproof and watertight

Supplied with GE watertight bulb, fitted with extensible cord, length 2.5 metres.
It includes watertight plug, socket and **AISI 316 stainless steel** bracket for wall-mounting installation.

Code	Version	Beam	V	W	Range m	Bulb Ø mm	Spare bulb
13.016.00	Halogen	SPOT	12	30	400	110	14.249.01
13.017.01	Halogen	SPOT	24	100	800	150	14.249.04
13.018.00	Halogen	SPOT+FLOOD	12	100+100	150/600	150	13.116.00
13.018.01	LED	SPOT+FLOOD	12/24	24	10/600	150	13.241.03

▲ 13.235.01

▲ 13.235.03

Night Eye high-beam LED light

LED	IP66	NEW POWER

Characteristics:
- Made of white painted aluminium + ABS + stainless steel base.
- **13 x CREE** genuine high-quality **LEDs**, 50,000 hour lifetime.
- Light can be removed from the base thanks to the 2-m extension cable.
- Fitted with watertight ON-OFF switch and watertight end plug, for either external or built-in installation.
Advantages:
- **IP66** watertight
- 50,000 hour LED lifetime, as little as 7.5% performance loss after 20,000 hours.
- High power, low consumption.

Code	Version	V	LED power	Lumen	K	LED beam angle	No of LEDs	Height mm	Width mm	Depth mm
13.235.01	With base for flat mounting	12	13 W	3000	2500-3500	35°	13	215	220	160
13.235.03	With connection for pulpit	12	13 W	3000	2500-3500	35°	13	215	220	160

OSCULATI

Night Eye and Night Eye LED high-beam light
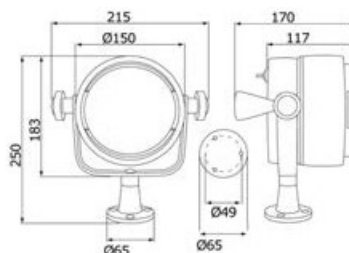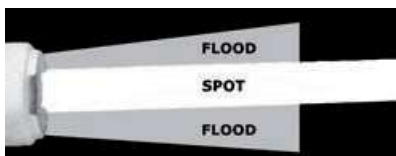
Features:
- **ABS** with **anodized aluminium** bracket and **stainless steel** base.
- WAGNER optical bulb.
- Full 360° rotation and elevation joint, frictioning.
- Detachable light with 2-m extention cable.
- Special watertight switch, fitted with rubber cover, integrated into the rear dome.
- Equipped with watertight plug for recess or flat mounting.
Features:
- Weather resistant.
- Vacuum-sealed optic bulb, humidity- and salt-resistant.
- Great power.
- Light weight, low cost.

Code	Version	Beam type	V	W	Lumen	Beam		Fixing base Ø mm	Beam dimensions		Spare bulb
						FLOOD m	SPOT m		h mm	Ø mm	
13.240.00	Halogen	SPOT - FLOOD	12	100+100	-	100	400	65	250	215	13.116.00
13.240.01	Halogen	SPOT - FLOOD	24	100+100	-	100	400	65	250	215	13.116.01
13.241.01	LED	SPOT - FLOOD	12/24	24	2600	100	600	65	250	215	13.241.03

Night Eye and Night Eye LED high-beam light with pulpit coupling

Features:
- **ABS** with **anodized aluminium** bracket and **stainless steel** base.
- WAGNER optical bulb.
- Full 360° rotation and elevation joint, frictioning.
- Detachable light with 2-m extention cable.
- Watertight switch, fitted with rubber cover, integrated into the rear dome.
- Equipped with watertight plug for recess or flat mounting.
Features:
- Weather resistant.
- Vacuum-sealed optic bulb, humidity- and salt-resistant.
- Great power.
- Light weight, low cost.

| Code	Version	Beam type	V	W	Lumen	Beam		For pipes mm	Beam dimensions		Spare bulb
						FLOOD m	SPOT m		h mm	Ø mm	
13.239.00	Halogen	SPOT- FLOOD	12	100+100	-	100	400	22/25	250	215	**13.116.00** (12 V)
13.241.02	LED	SPOT- FLOOD	12/24	24	2600	100	600	22/25	250	215	**13.241.03**
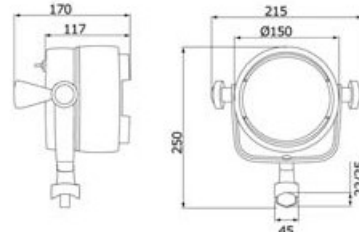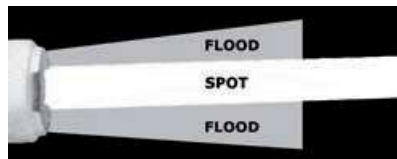
Fixing support for lights

Made of stainless steel and aluminium.
The light can be removed thanks to the fixing system with plastic-grip knob.

| Code	Type	Suitable for lights	Spare base for
13.239.80	For hose 22/25 Ø mm	**13.321.01; 13.321.03; 13.321.04; 13.321.05**	**13.239.00**
13.240.80	For surface	**13.321.01; 13.321.03; 13.321.04; 13.321.05**	**13.240.00**
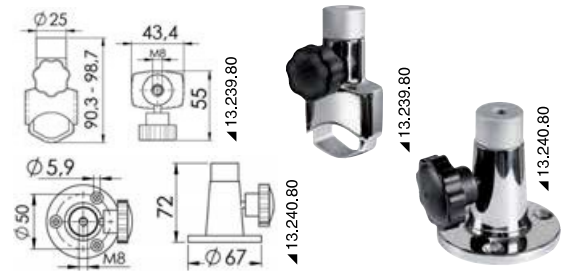
Moonlight LED high-beam light

LED

Adjustable LED high-beam light with mirror-polished stainless steel swivelling handle and joint.
Features:
- Adjustable in height and 360° rotation.
- White PMA base plate for flat mounting.
- two knobs adjust the joint and lock it to the base plate.
- watertight ON-OFF switch;
- spiral cord extensible up to 2 m and fitted with lighter plug.

| Code	Body	V	W	Lumen	K	LED beam angle	No of LEDs	|⟷| mm
13.210.00	White ABS + SS inox	12/24	36	3000	6000	50°	12	148x254x 122
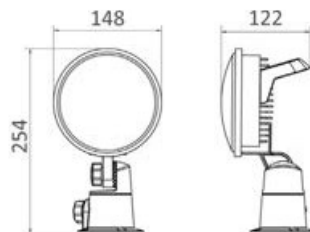
Night Eye Manual light

Fitted out with BLUE EYE 5"3/4-inch halogen **watertight bulb**, genuine STANLEY brand with **double filament** and 600-metre maximum range. It gives out short extensive light or high beam light with narrow cone. To switch on by means of under deck or under roll-bar handle. 330° rotation, ±28° elevation. Suitable for 5- to 50-mm thickness. With 50-mm thickness the handles sticks out by 34 mm (minimum stroke, dish downwards) to 90 mm (maximum stroke, dish upwards).
For spare bulbs see items: 13.230.12/13.

Code	Body	V	W	Height mm	Length mm	Ø mm	Base Ø mm
13.005.12	White ABS	12	100+100	220	220	160	120
13.005.24	White ABS	24	80+60	220	220	160	120
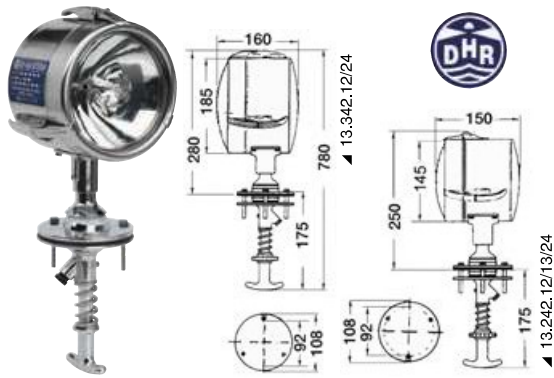
DHR high-beam light adjustable from inside

Made of **chromed brass and stainless steel**, watertight, adjustable nylon ball joint, frictioning, very small and convenient control handle; supplied with watertight bulbs "GE."

Code	V	Capacity m	Ø mm	Spare bulb
13.242.12	12	800	145	**13.116.00**
13.242.13*	12/24	100/400	145	**13.241.03**
13.242.24	24	800	145	**14.249.04**
13.342.12	12	1200	185	**14.249.05**
13.342.24	24	1200	185	**14.249.06**

* **With 12/24 V LED bulb double beam SPOT + FLOOD W 24+24**

Electric spotlights

### Electric exterior LED spotlight Type One

New

LED

UV-resistant carcass in Luran, completely waterproof. Horizontal rotation 352°, vertical 50°. Double filament LED bulb (SPOOT+FLOOD) 23 W + 23 W. 3 types of optional control. Protection against electronic interference. The headlights can be connected to 2 types of optional controls that can be independent or combined to create the desired configuration:
1) Dashboard control with joystick. Cable included, 4.5 m. It's possible to install another joystick using the 2-port cable 13.227.51.
2) Classic remote control provided with bracket for dashboard mounting. Range up to 40 m away from the headlight.
3) The remote control pairs with the headlight on first use (following instructions) and doesn't interfere with the electronic equipment of nearby boats; multiple remote controls can be paired with the headlight.
4) The headlight is more responsive to command and precise to impulse compared to the previous version.

Code	V	CD candles*	W	Lumen	Range 0.25 Lux*	OPTIONAL joystick control 4.5-m cable	OPTIONAL wireless radio remote control	OPTIONAL additional joystick 4.5-m cable	OPTIONAL 10-m extension cable for 13.227.49	LED Spare bulb
13.227.01	12	133.200	23+23	2400	730	**13.227.49**	**13.227.50**	**13.227.51**	**13.225.00**	**13.225.37**

* To be measured at the centre of the light beam.
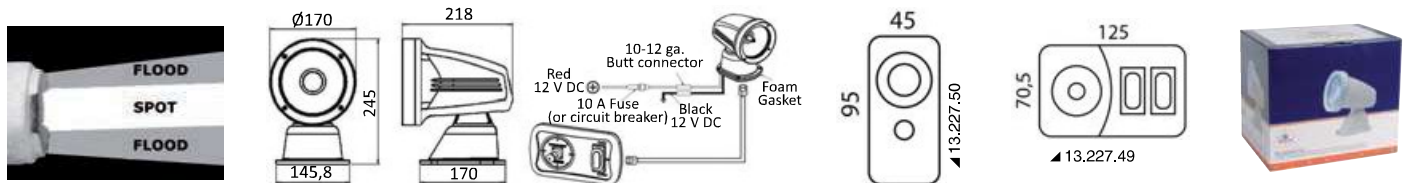
Classic electric exterior spotlight

Body: diecast aluminium coated in white high-resistance anti-corrosion resins. Totally watertight. 2-speed 355° horizontal rotation. 50° vertical rotation.

Version A: 100W+90W double filament halogen bulb (spot + flood).

Version B: ultra-powerful HID Xenon gas discharge bulb (35W HID).

It can be connected to 3 optional controls (independent or combined) for the desired configuration:
1) Joystick-operated bridge control (to be connected to the lighthouse via a phone cable), 4.5-m cable included, 10-m cable to be purchased separately.
2) Wireless bridge control (power the panel and it will interface wireless to the lighthouse).
3) Traditional radio remote control with bracket for mounting on the bridge.

Code	Version	V	CD candles*	W	Range 0.25 Lux*	Lumen	OPTIONAL joystick control	OPTIONAL bridge wireless control	OPTIONAL wireless remote control	OPTIONAL 10-m extension cable for 13.225.39	Spare bulb
13.225.12	A	12	180.000	100+90	849	2500	**13.225.39**	**13.225.41**	**13.225.40**	**13.225.31**	**13.225.35**
13.225.24	A	24	180.000	100+90	849	2500	**13.225.39**	**13.225.42**	**13.225.40**	**13.225.31**	**13.225.36**
13.224.12	B	12	315.000	35	1122	3200	**13.226.39**	**13.226.41**	**13.226.40**	**13.225.31**	**13.224.32**
13.224.24	B	24	315.000	35	1122	3200	**13.226.39**	**13.226.42**	**13.226.40**	**13.225.31**	**13.224.32**

* To be measured at the centre of the light beam.
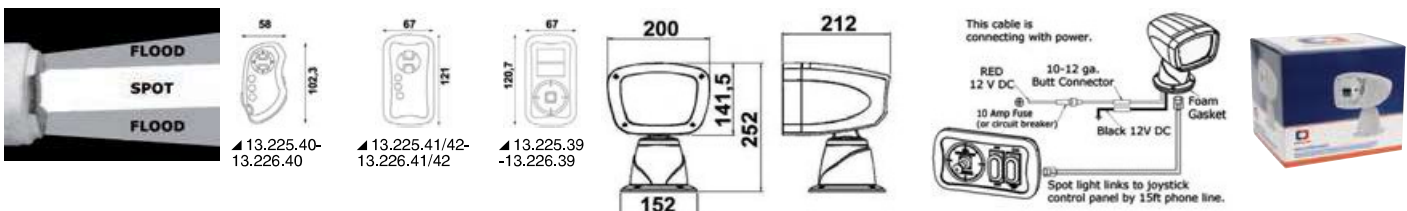
Classic electrical spot light made of stainless steel

IP67

Mirror-polished stainless steel body. 100% watertight. 350° horizontal and 55° vertical rotation.
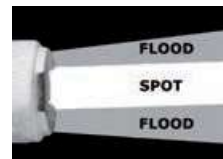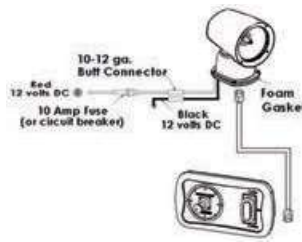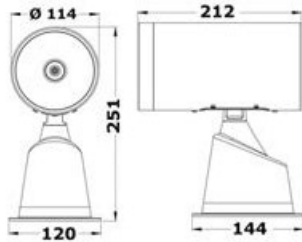Two speeds. 100W + 90W H4 halogen double-filament bulb (spot + flood).

It can be connected to 3 optional controls (independent or combined) for the desired configuration:
1) Joystick-operated bridge control (to be connected to the lighthouse via a phone cable), 4.5-m cable included, 10-m cable to be purchased separately.
2) Wireless bridge control (power the panel and it will interface wireless to the lighthouse).
3) Traditional radio remote control with bracket for mounting on the bridge.

OSCULATI

◢ 13.225.39

13.225.41/42

◢ 13.225.40

Code	V	CD candles*	W	Range 0.25 Lux*	OPTIONAL joystick control	OPTIONAL bridge wireless control	OPTIONAL wireless remote control	OPTIONAL 10-m extension cable for 13.225.39	Spare bulb
13.229.12	12	135.000	100/90	775	13.225.39	13.225.41	13.225.40	13.225.31	13.225.35
13.229.24	24	135.000	100/90	775	13.225.39	13.225.42	13.225.40	13.225.31	13.225.36

* To be measured at the centre of the light beam.

LED electric exterior spotlight

Body: diecast aluminium coated in white high-resistance and anti-corrosion resins. 100% watertight. 2-speed 355° horizontal rotation. 50° vertical rotation. CREE high-quality LED unit. 54W consumption corresponding to a traditional 100 W bulb.

It can be connected to 3 optional controls (independent or combined) for the desired configuration:
1) Joystick-operated bridge control (to be connected to the spotlight via a phone cable), 4.5-m cable included, 10-m cable to be purchased separately.
2) Wireless bridge control (power the panel and it will interface wireless to the spotlight).
3) Traditional radio remote control with bracket for mounting on the bridge.

OSCULATI

◢ 13.226.39

◢ 13.226.40

◢ 13.226.41

| Code	V	CD candles*	W	K	Lumen	No of LEDs	LED beam angle	Range 0.25 Lux*	OPTIONAL joystick control	OPTIONAL wireless remote control	OPTIONAL bridge wireless control	OPTIONAL 10-m extension cable for 13.226.39
13.226.12	12	132.000	54	6000	6000	18	9°	726	13.226.39	13.226.40	13.226.41	13.225.31
13.226.24	24	132.000	54	6000	6000	18	9°	726	13.226.39	13.226.40	13.226.42	13.225.31

* To be measured at the centre of the light beam.

◢ 13.226.41
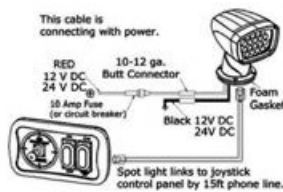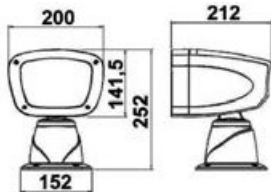
SANSHIN swivelling light with electric control

Fitted with two 55W **halogen** bulbs. **Light** alloy **white** body, remote control, clamp flasher and lantern variable rotation speed. Max capacity 1200m, dimensions 200x232mm.

Code	V	Candles CD	Current draw A	Spare bulb	Spare panels	Second station panels	kg
13.343.12	12	200.000	10	13.343.01	13.343.22	13.344.12	6
13.343.24	24	160.000	6	13.343.02	13.343.34	13.344.24	6
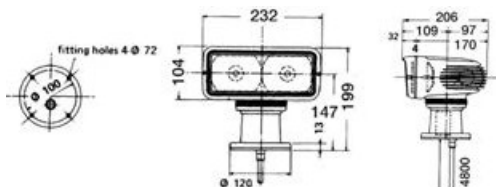
GUEST remote-controlled light

Fitted with "Sealed Beam" watertight bulb having a dual beam: short and wide or high and narrow.
450° horizontal rotation and 7'° vertical rotation. It includes the control panel.
Stainless steel AISI316 base plate and stainless steel AISI304 head.

Code	Model	Power	Candles	Base mm	|←→| mm	Spare bulb
13.346.12	5	12	72.000/30.000	140x89	241h.x115Øx177 depth	13.346.13

Electrical deep beam lights

NIGHT EYE EVO electrically-operated light

UV-resistant ABS case. 355° left /right and 70° up/down rotation.
Fitted with **multifunction control panel**.
- Halogen version: single station control, second station comes as an option.
- LED version: double station control.
With BLUE EYE 5"3/4 watertight double filament halogen bulb or with watertight double filament bifocal LED bulb.

◢ 13.234.00

Code	Version	V	W	Lumen	Beam FLOOD m	Beam SPOT m	|←→| mm	Spare bulb	(Spare) control panel 1st station	(Spare) control panel 2nd station	4-m prewired extension cable	OPTIONAL wireless radio remote control *
13.240.12	Halogen	12	100+100	-	100	250	230x185x210	13.230.14	13.231.12	13.231.30	13.230.05	13.234.00
13.240.24	Halogen	24	100+100	-	100	250	230x185x210	13.230.15	13.231.24	13.231.31	13.230.05	13.234.00
13.241.12	LED	12	27	2600	100	320	230x185x210	13.233.00	-	13.231.30	13.230.05	13.234.00
13.241.24	LED	24	27	2600	100	320	230x185x210	13.233.00	-	13.231.31	13.230.05	13.234.00

*   Halogen version: wireless function available when connecting the remote control directly to the light.

Night Eye Electric Two electrically-operated light

Fitted with 2 x Sealed Beam 127-mm Ø 55W watertight halogen bulbs. 380° rotation, 70° up/down adjustment. White UV-resistant Luran body supplied with watertight multifunction control panel.
Dimensions: 205-mm height, 220-mm depth, 270x135-mm front, 120-mm Ø base.
It comes with a 4-m prewired cable that connects the light to the control panel.

Code	V	A	CD candles	Range at 1 lux	Spare bulb	Spare panel	Second station control panel	4-m pre-wired extension cable
13.232.00	12	9	200000	262 m	13.232.02	13.231.12	13.231.30	13.230.05

MEGA electrically operated light with Sealed Beam 7" watertight bulb

Give off short expanded (Flood) light and high beam (Spot) light; multifunction control panel.

UV-resistant white ABS bosy, 380° rotation.

70° high/low, double filament (178 mm).

Code	V	Body	Rotation	Height mm	Depth mm	Control panel for second station	Basic spare panel	Spare bulb	4-m pre-wired extension cable
13.236.24	24	White UV-resistant ABS	380° high and low 70°	320	240	13.231.31	13.231.24	13.236.10	13.230.05

Mega-Xenon electrically operated light with XENON light source

XENON

This technology is a spin-off from luxury cars to the nautical sector.
The resulting spotlight has an incredibly white and powerful light beam.
UV-resistant white ABS body. 55-W xenon light source.
Fitted with multifunction watertight control panel.

▲13.237.12/24

Code	V	Rotation	Traverse	Height mm	Depth mm	Ø mm	Second station panel	Spare panel for basis	Spare optical system	4-m extension cable
13.237.01	12	380°	70°	320	240	210	13.237.30	13.237.12	13.237.09	13.230.05
13.237.02	24	380°	70°	320	240	210	13.237.31	13.237.24	13.237.10	13.230.05

Spot light for cockpits, decks and cross-tree

Deck light for mast

Fitted with flexible flaps adaptable to any type of mast. Halogen bulb included.

Code	Body	V	W	Spare bulb 12 V	Spare bulb 24 V	|⟵⟶| mm
13.343.87	White nylon	12	20	14.453.01	14.100.24	130x72x65

Utility navigation light and deck light for hulls up to 12 m

225° navigational light (product number 11.415.03) complying with **IMCO and RINA** standards.
Equipped with special 35 W 12 V halogen dichroic bulb with front glass (spare bulb 13.258.57).
Made of black polycarbonate, 100% watertight, fitted with side flexible locking wings suitable for masts of **any size.**
Equipped with **RINA type-approved** light 11.415.03 (spare bulb 14.300.00).

175 mm
135 mm

Code	Version	Body	V	W	W equivalent	Spare bulb	|⟵⟶| mm
13.243.86	Halogen dicroic spot light	Black polycarbonate	12	35	-	14.258.57 12 V	175x135
13.243.87	HD LED spot light	Black polycarbonate	12	4	48	14.258.56 LED	175x135

Navigation and deck LED light for boat up to 20 m

LED   NMMA CERTIFIED   C E

225° LED navigation lights 11.060.03 paired with deck LED light.
Technopolymer body with flexible wings that adapt to any kind of mast.
Certified EN60945 - COLREG 1972 + USCG + ABYC A-16.

Code	Light	Deck light	Body	V
13.243.88	**11.060.03**	4x1W HD LEDs	Black technopolymer	9-33
13.243.89	**11.060.03**	4x1W HD LEDs	White technopolymer	9-33

▲ 13.243.88

195 mm
140 mm

▲ 13.243.89

Crosstree light made of stainless stee, fixed model

Stainless steel body fitted with watertight GE halogen bulb.

Code	Base	V	G.E. watertight bulb Ø	Base	Spare light bulb 12V	Spare light bulb 24V
13.243.90	Fixed	12	110	160x20	14.249.07; 14.249.11	-
13.243.91	Fixed	24	110	160x20	-	14.249.08
13.243.92	Articulated	12	110	140x32	14.249.07; 14.249.11	-
13.243.93	Articulated	24	110	140x32	-	14.249.08

▲13.243.90/91   ▲13.243.92/93

Sealed Beam watertight light with watertight halogen optic bulb

Ideal as mooring light or to be uses on the roll-bar of dinghies.

Code	Body		Articulated bracket in	V	W	⟵⟶ mm
13.309.04		white ABS	Stainless steel	12	55	152x92x92
13.309.05		white ABS	Stainless steel	12	55	177x121x99

Roll-bar light, high-power vertically adjustable mode

Fitted with dual filament **watertight Sealed Beam**.

| Code	Body		V	Lumen	LED beam angle	High-beam light + extended lights	⟵⟶ mm	
							Overall dimensions	Mounting base
13.310.12		ABS white	12	287	60°	65 + 45 W	180x110x125 h	140x46

Switch see: 14.938.02/14.925.02/14.918.05/14.196.04/14.192.04

Free-standing adjustable LED light

Stainless steel articulated base with full rotation on both axes.

Code	Body		V	Lumen	K	LED beam angle	No. of LEDs	LED colour	⟵⟶ mm
13.270.61		Polished anodized aluminium	12/24	1400	6000	60°	6x3 W	white	154x53
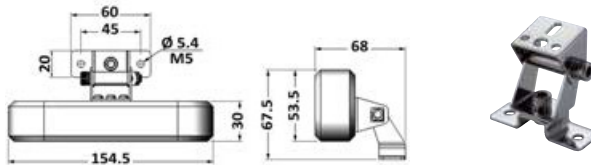
LED light with adjustable support

LED   Adjustable UV-resistant ASA support for flat, vertical or inclined mounting.

◄ 13.270.54   ◄ 13.270.52   ◄ 13.270.56

Support + spotlight	Support, only	Spotlight, only	W	Lumen	K	LED beam angle	No of LEDs	LED colour	base mm
13.270.52	**13.270.51**	**13.280.96**	16	500	6000	10°	2	White	120x40
13.270.54	**13.270.53**	**13.281.00**	12	1000	6000	10°	4	White	120x40
13.270.56	**13.270.55**	**13.281.05**	18	1500	6000	10°	6	White	120x40

Labcraft

LED spotlight for gangplanks, upper sterns and fly bridges.

IP67   Anodized aluminium body coated in white epoxy resin.
Installation with stainless steel screws and Duralac-type paste.
Over 30-sqm coverage.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour	⟵⟶ mm
13.269.01	12/24	12.5	>1560	5700-6500	30°	5	White	230x63x36

OSCULATI

Adjustable 6x3W HD LED light for A-frame

IP67   Black coated aluminium body, stainless steel bracket.

Code	V	W	K	Beam type	LED HD	⟵⟶ mm	OPTIONAL base plate	
							flat mounting	22/25-mm Ø pulpit
13.321.01	10/30	18	6000	SPOT	6x3 W	Ø 115x64	**13.240.80**	**13.239.80**

◄ 13.239.80   ◄ 13.240.80

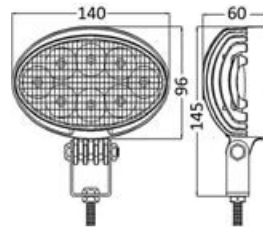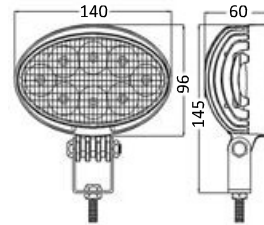## Adjustable 8x3W HD LED light for A-frame

IP67   White coated aluminium body, stainless steel bracket.
Genuine BRIDGELUX (USA) LEDs.

Code	V	W	K	Beam type	LED HD	|⟵⟶| mm	OPTIONAL base plate	
							flat mounting	22/25-mm Ø pulpit
13.321.03	10/30	24	6000	SPOT	8x3 W	140x96x60	**13.240.80**	**13.239.80**

Adjustable 8x5W HD LED light for A-frame

IP67   White coated aluminium body, polished stainless steel bracket.
Genuine BRIDGELUX (USA) LEDs.

| Code	V	W	K	Beam type	LED HD	|⟵⟶| mm	OPTIONAL base plate	
							flat mounting	22/25-mm Ø pulpit
13.321.04	10/30	40	6000	SPOT	8x5 W	140x96x60	**13.240.80**	**13.239.80**

Adjustable 5x10W HD LED light for A-frame

IP67   White coated aluminium body, polished stainless steel bracket.
Genuine CREE (USA) LEDs.

| Code	V	W	K	Beam type	LED HD	|⟵⟶| mm	OPTIONAL base plate	
							flat mounting	22/25-mm Ø pulpit
13.321.05	10/30	50	6000	SPOT	5x10 W	109x116x75	**13.240.80**	**13.239.80**
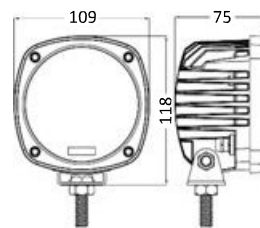
Fixing support for lights

Made of stainless steel and aluminium.
The light can be removed thanks to the fixing system with plastic-grip knob.

Code	Type	Suitable for lights	Spare base for
13.239.80	For hose 22/25 Ø mm	**13.321.01; 13.321.03; 13.321.04; 13.321.05**	**13.239.00**
13.240.80	For surface	**13.321.01; 13.321.03; 13.321.04; 13.321.05**	**13.240.00**
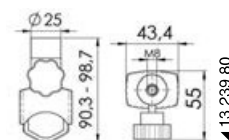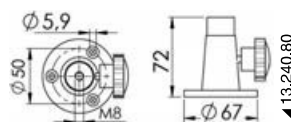
Lights for topsides, gangplanks and below the waterline

Pair of LED docking lights

IP65   **LED**

2-mode docking lights: 20°-angle, 320 mA HD LED bow light + 85°-angle 80 mA side light.
The lights are wired separately. Recessless mounting.
Polished AISI 316 SS body.

Code	Description	V	Lumen	K	LED beam angle	LED	|←—→| mm
13.653.00	Docking lights	12	280/125	6000	20° + 85°	320+80 mA	90.8x66.2x20

ATTWOOD bow LED light

LED

Polished stainless steel body. Totally watertight. 120° light beam.
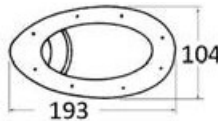High-power LED equivalent to a 50W halogen bulb. **No recess needed.** Sold in pairs. IP68.

Code	V	W	Lumen	LED beam angle	|←—→| mm
13.652.01	12	5 each	750	120°	114x71x30

Compact fairing light pair with LED bulb

AISI 316   Made of mirror-polished AISI 316 stainless steel. Front protection lens.

Code	LED included		Cone	Spare LED
13.254.13	12 V	4 W	45° FMW	14.258.56
13.254.14	24 V	3.5 W	45° FMW	14.258.59

Fairing light pair, built-in model fitted with Sealed Beam 4" watertight bulb.

AISI 316   Made of **mirror polished AISI** 316 stainless steel.

| Code	Bulb included	Cone	Spare bulb
13.258.12	12 V - 50 W x 2	70°x30°	14.249.11
13.258.24	24 V - 50 W x 2	40°x5°	14.249.08

Transom light made by white ABS, 100% watertight

Fitted with Sealed Beam bulb 14.249.07/08.
To be mounted under the platform to illuminate the water surface; supplied with 1.20 m power cable.

Code	Version	Type	Base Ø mm	Size mm
13.256.12	inclined	12 V - 35 W	170	90
13.256.24	inclined	24 V - 50 W	170	90
13.257.12	straight	12 V - 35 W	170	90
13.257.24	straight	24 V - 50 W	170	90

▲13.257.12-24

▲13.256.12-24
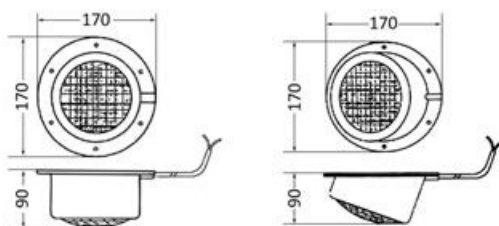
Underwater LED light for ladders

PATENT

Little interlocking light for telescopic ladders.
Automatic switching when getting in touch with water. 100-h life sealed battery. Sold in 2-pc display package. Available for both Standard step ladders (38 mm) and for Extra-large step ladders (57 mm and up). Pressure mounting on the highest step, they take no room at all.

OSCULATI

Code	Version	Light colour	Life h	Package pcs
13.265.01	Light for Standard 38-mm step ladder	◼ Blue	100	2
13.266.01	Light for Extra-large 57-mm double step ladder	◼ Blue	100	2

◢13.266.01

◢13.266.01

◢13.265.01

◢13.265.01
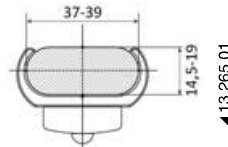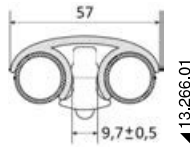
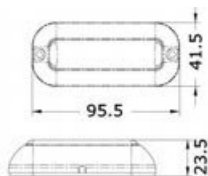## Underwater LED light

IP68

Mirror-polished AISI316 stainless steel body.
Attention: it shall be installed under water due to the high temperature generated during operation.

Code	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour
13.640.01	10/30	3.6	343	5700	108°	27	◻ White
13.640.02	10/30	3.6	74	5700	108°	27	◼ Blue
13.640.03*	12	1.2	95/67/10/12**	2800-3200	120°	18	- RGBW

* Press repeatedly the ON-OFF switch to select the colour of the LED light (white/green/blue/red).

** Lumen white 95, green 67, blue 10, red 12

◢13.640.01

◢13.640.03

◢13.640.02

Underwater LED light for hull/transom

Underwater installation, only. Made of technopolymer and fitted with high-efficiency LED.
A single 13-mm Ø bore is needed for through deck power cable.

OSCULATI

| Code	Finish	V	W	Lumen	K	LED beam angle	No of LEDs	LED colour	�|←→| mm
13.276.01	Technopolymer	12/24	10	998	5700	30°	3	◻ White	102x54x15
13.276.02	Technopolymer	12/24	10	142	-	30°	3	◼ Blue	102x54x15
13.276.10	Technopolymer + polished AISI316 SS body	12/24	10	998	5700	30°	3	◻ White	102x54x15
13.276.12	Technopolymer + polished AISI316 SS body	12/24	10	142	-	30°	3	◼ Blue	102x54x15
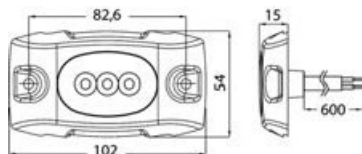
◢13.276.10/12

◢13.276.01/02

OSCULATI

Underwater LED light for gangplanks / upper stern / bottom

Made of mirror-polished AISI 316 stainless steel, it is equipped with **high-power Led lights**.
It can be installed both **above** or **under** water since it is totally watertight.

Code	V	Lumen	K	LED beam angle	LED	LED Colour	
13.272.00	12/24	600	6000	25°	2x5 W		White
13.272.01	12/24	90	-	25°	2x5 W		Blue
13.272.02*	12/24	600/90/90/90	-	25°	4 W	-	RGBW

*   Press the ON-OFF button repeatedly to select the LED colour LED (white - blue - red - green)
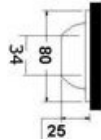
OSCULATI

Underwater LED light for gangplanks, upper sterns and bottoms

IP68   **AISI 316**

Body made of polished AISI 317L stainless steel equipped with CREE LED lights.
It can be mounted both **above** and **under** water.

Code	V	Lumen	K	Lux at 1 m	LED beam angle	LED	LED colour		A mm	B mm	C mm	D mm
13.280.96	12/24	500	6000	6700	10°	2x3 W		White	107	92	50	25
13.280.98	12/24	150	-	6700	10°	2x3 W		Blue	107	92	50	25
13.281.00	12/24	1000	6000	13400	10°	4x3 W		White	152	137	50	25
13.281.01	12/24	400	-	13400	10°	4x3 W		Blue	152	137	50	25
13.281.02	12/24	400	-	13400	10°	4x3 W	-	RGBW	152	137	50	25
13.281.05	12/24	1500	6000	20000	10°	6x3 W		White	195	180	50	25
13.281.06	12/24	450	-	20000	10°	6x3 W		Blue	195	180	50	25

▲ 13.280.98
▲ 13.281.00
▲ 13.281.01-02
▲ 13.281.06
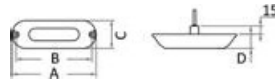
### New   Underwater LED light for gangplanks, transoms and hulls

Black anodized light alloy body. 12/24V power.
Version A: 32-mm Ø cylindrical model. 1/2" NPT rear thread.
To be paired with stainless steel drain plug 18.542.00 where the light has to be screwed.
Version B: to be screwed. Fitted with remote control (included) up to 15 metres.
3 modules to set colours, sequence, strobo mode, flash, etc.
1.5-m cord included.
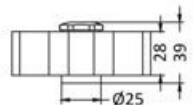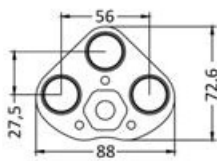
Code	V	Lumen	K	W	LED beam angle	LED	LED colour		Version
13.639.01	12/24	1000	-	10	-	-		White	A
13.639.02	12/24	220	-	10	-	-		Blue	B
13.639.05	12/24	300+420+135	-	12+12+13	-	-	-	RGBW*	B

*   Switch Red+Green+Blue lights on at the same time to get white light
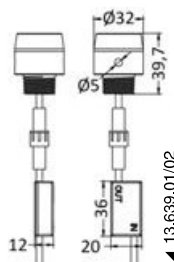
▲ 13.639.01/2
▲ 13.639.05

Underwater light with stud for hull / transom / platform

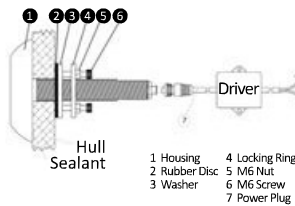Made of mirror-polished AISI 316 stainless steel, it is equipped with 6 high-power Led lights and parabolic system to increase light intensity.
Top quality product for underwater use only.

Code	Version	V	A	Lumen	K	Lux at 1 m	LED beam angle	LEDs	LED colour	Ø mm
13.294.00	With stud	12/24	1.5	1500	6000	26000	5°	6x3 W	White	114
13.295.00	With stud	12/24	1.5	400	-	-	5°	6x3 W	Blue	114
13.298.00	With stud	12/24	3.0	3000	6000	45000	10°	12x3 W	White	140
13.299.00	With stud	12/24	2.8	800	-	45000	10°	12x3 W	Blue	140

▲ 13.294.00: 13.295.00

▲ 13.298.00; 13.299.00

Driver

Hull Sealant

1 Housing   4 Locking Ring
2 Rubber Disc 5 M6 Nut
3 Washer   6 M6 Screw
7 Power Plug

Underwater light with screws for hull / transom / platform

Made of mirror-polished AISI 316 stainless steel, it is equipped with 6 high-power Led lights and parabolic system to increase light intensity.
Top quality product for underwater use only.

Code	Version	V	A	Lumen	K	Lux at 1 m	LED beam angle	LED	LED colour	Ø mm
13.294.01	With screws	12/24	1.5	1500	6000	26000	5°	6x3 W	White	114
13.294.02	With screws	12/24	1.5	-	6000	26000	5°	6x3 W	RGBW	114
13.295.01	With screws	12/24	1.5	400	-	-	5°	6x3 W	Blue	114
13.298.01	With screws	12/24	3.0	3000	6000	52000	5°	12x3 W	White	140
13.298.02	With screws	12/24	3.0	-	6000	52000	5°	12x3 W	RGBW	140
13.299.01	With screws	12/24	1.5	3000	-	60000	5°	12x3 W	Blue	140

▲ 13.298.01/02; 13.299.01

▲ 13.294.01/02; 13.295.01

RGBW

▲ 13.298.01/02; 13.299.01

▲ 13.294.01/02; 13.295.01

Underwater LED light

It operates with 1 high-power 10W LED.
Technical data: 5-mm overhang; 12/24 V; 1x10W LED; 63-mm Ø thru hull hole.
Installation above or below the waterline.

Code	Lumen	K	LED beam angle	LED	LED colour	LED life h
13.270.10	900	6000	40°	1x10 W	White	50.000
13.270.11	140	-	20°	1x10 W	Blue	50.000
13.270.02	-	-	20°	1x10 W	RGBW	50.000