

VIZULO Bell Class II Bell LED Luminaire Instruction Manual

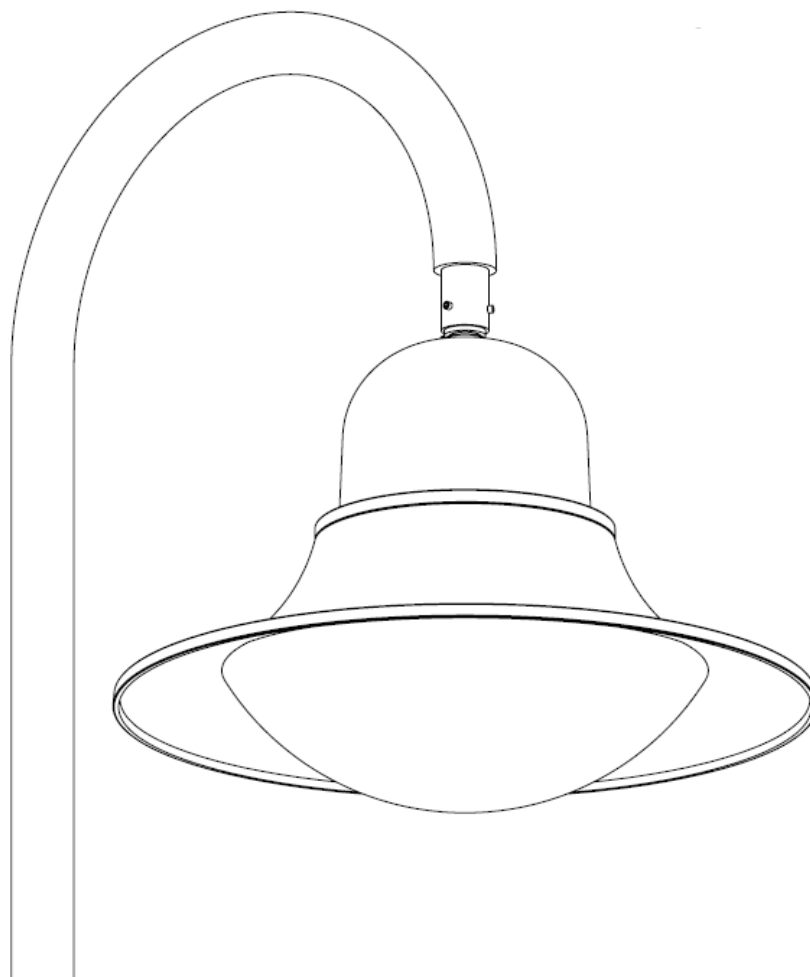
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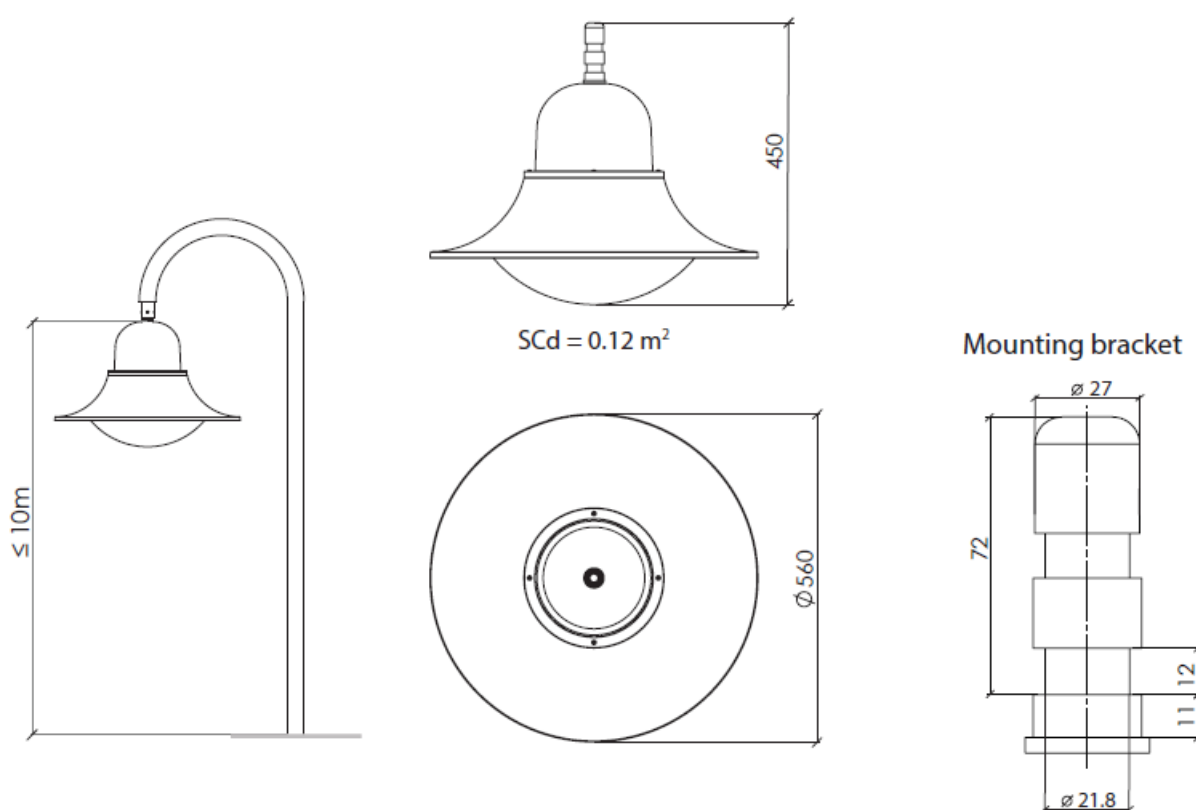
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VIZULO Bell Class II Bell LED Luminaire

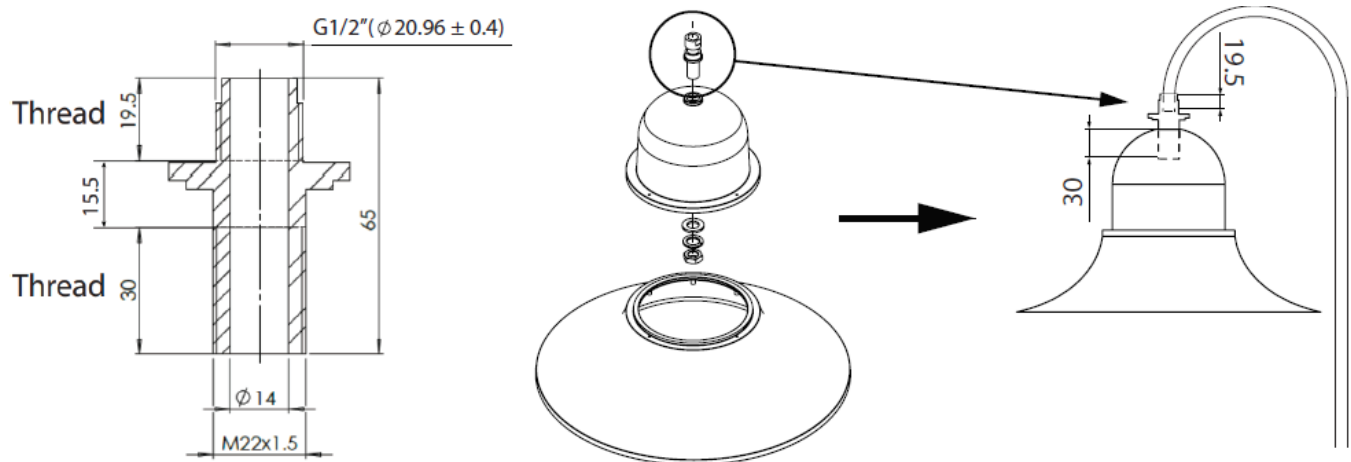


Dimensions



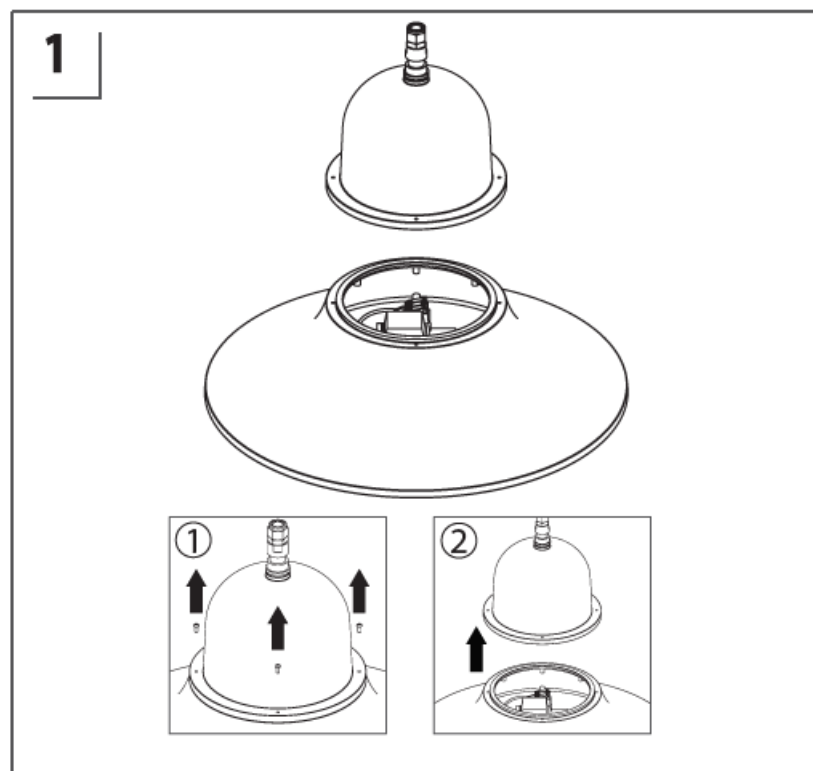
Netto Weight: 5.52 kg

1. The part consists of two threads: 1) M22x1.5 from bellow and is 30 mm long, which means the part is screwed inside with this length 2) G1/2 with length 19.5 mm and that's the connection from top of this part for tube
2. The length of the flentch bellow 19.5 mm is actually 15.5 mm

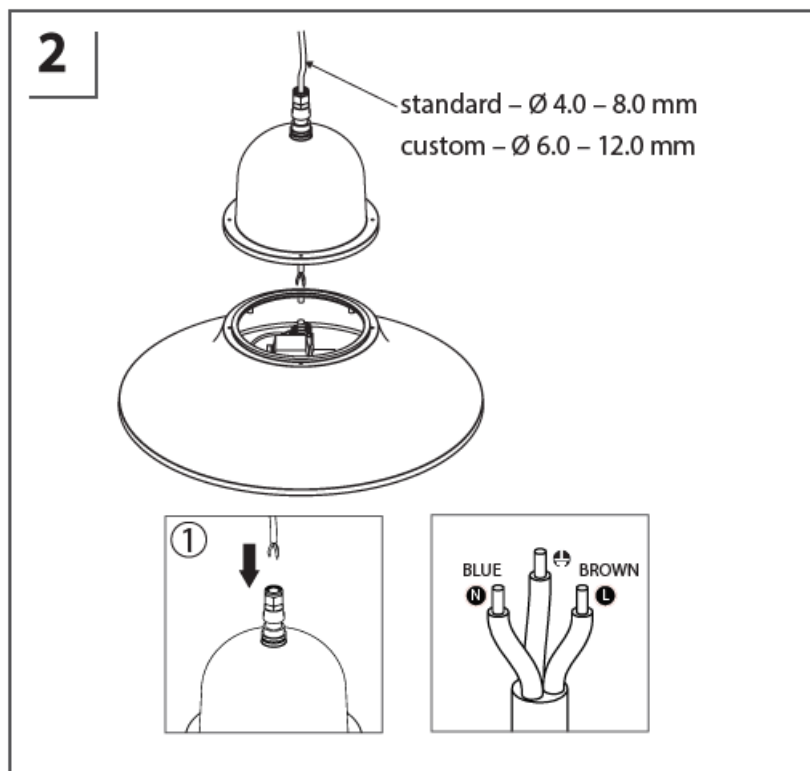


INSTALLATION

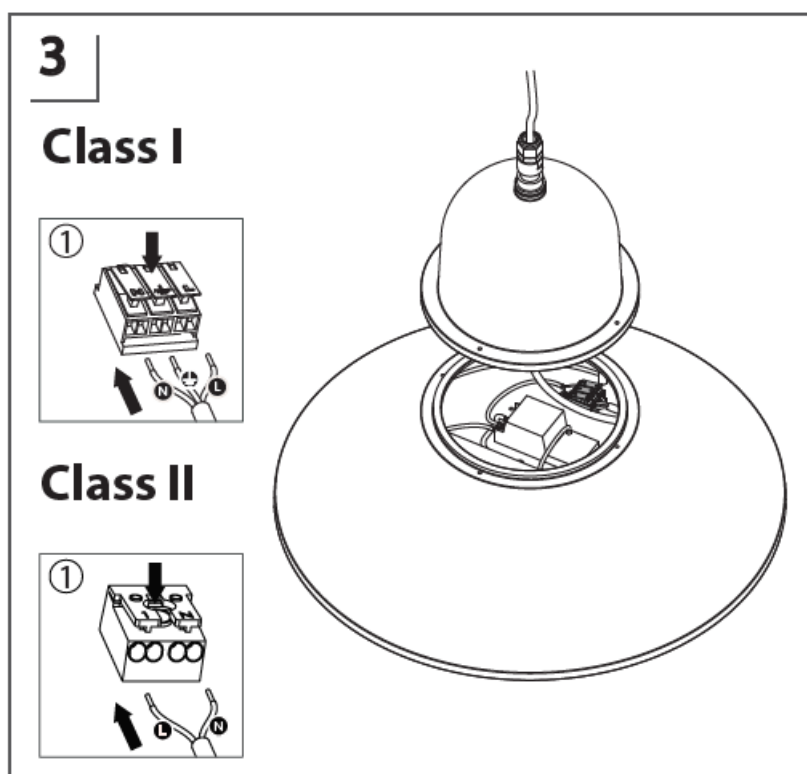
STEP1



STEP2

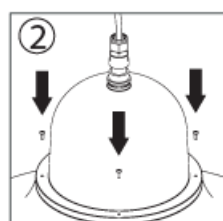
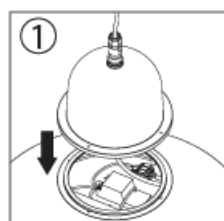
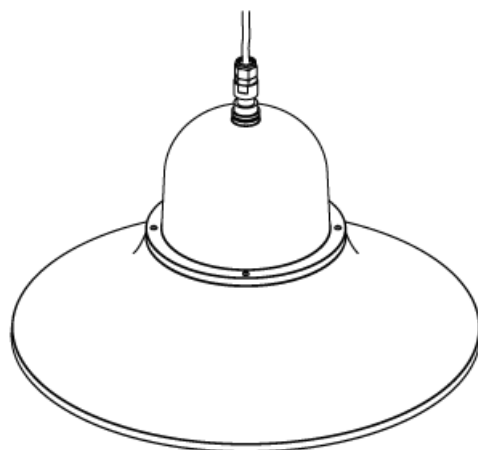


STEP3



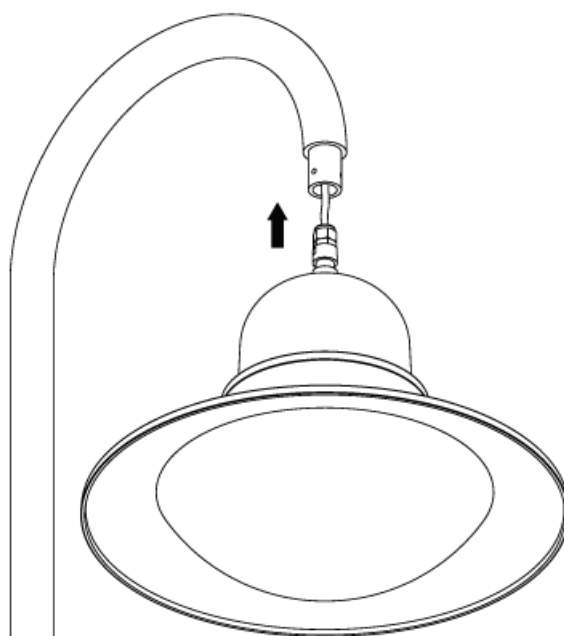
STEP4

4



STEP5

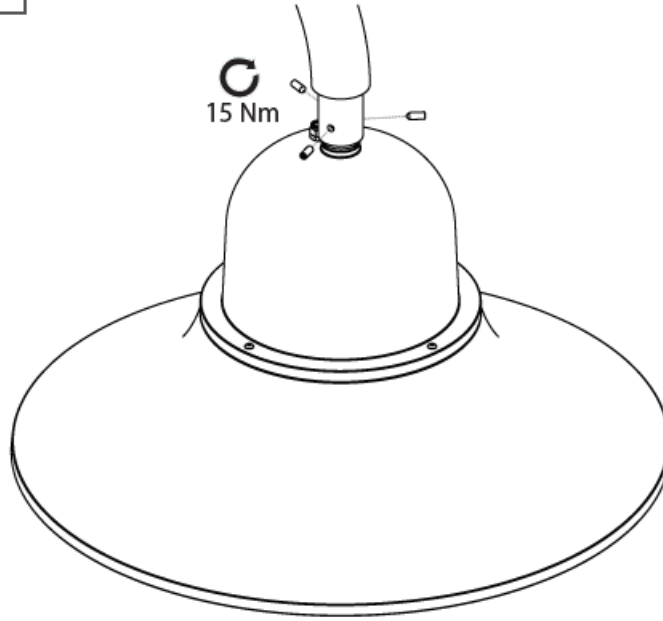
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STEP6

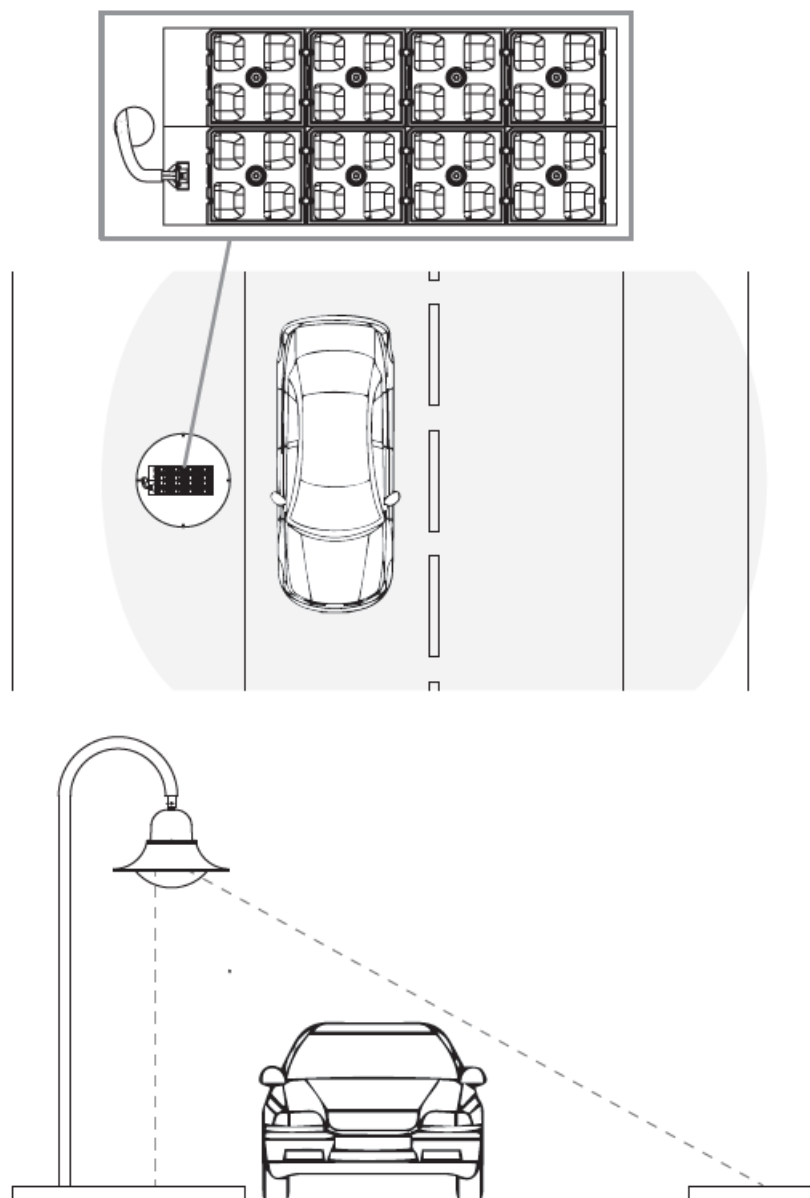
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C
15 Nm



The direction of light for an asymmetric lens

Direction of light for asymmetric lens



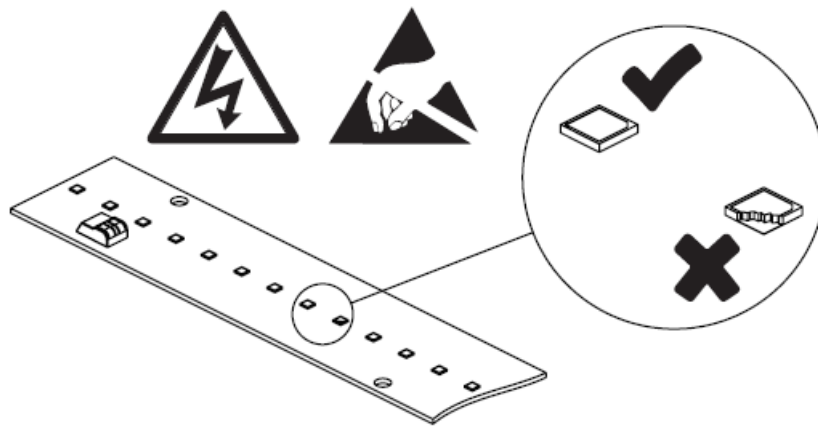
The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 3.25 m is not expected.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

Caution, risk of electrical shock

WARNING!

- Do not touch LED modules!
- Do not put any tools or other items on LED modules!
- In case any LED is physically damaged (example shown below) the warranty is void.



Energy efficiency class of contained light source(s)



Standard

		CRI		
		70	80	90
CCT	1800	F		
	2200	E		
	2500	E		
	2700	D	E	F
	3000	D	E	F
	4000	C	D	E
	5000	C	D	E
	5700	C	D	E
	6500	C		E

Eco

		CRI		
		70	80	90
CCT	2200	E	F	
	2700	E	E	F
	3000	E	E	F
	4000	D	E	F
	5000	D	E	F
	5700	D	E	F
	6500	D	E	

MCB/Inrush current table

Tridonic LED driver (No dim/ Midnight dimming/ DALI)															
Standard/High density	In-rush current (peak/duration)	B 10 A	B1 3A	B1 6A	B2 0A	B25 A	B3 2A	B4 0A	C1 0A	C1 3A	C1 6A	C2 0A	C2 5A	C3 2A	C4 0A
6-12 LED, 8-26 W	15 A (226 μ s)	19	25	30	37	46	59	74	31	41	50	61	76	97	122
12-20 LED, 20-43 W	25 A (236 μ s)	12	16	20	26	32	41	52	20	26	33	43	53	68	86
20-28 LED, 30-64 W	32 A (335 μ s)	6	8	10	13	16	20	26	10	13	16	21	26	33	42
28-48 LED, 45-96 W	42 A (238 μ s)	6	8	10	13	16	20	26	10	13	17	22	27	35	44
48-64 LED, 70-144 W	65 A (268 μ s)	3	4	5	6	7	9	12	5	7	8	10	12	16	20
64-108 LED, 100-211 W	80 A (225 μ s)	4	6	8	10	12	16	20	6	10	13	16	20	25	32

108-128 LED, 1 35-288W	130 A (268 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
128-160 LED, 2 00-380W	160 A (225 μ s)	2	3	4	5	6	8	10	3	5	6	8	10	12	16
Eco		B 10 A	B1 3A	B1 6A	B2 0A	B25 A	B3 2A	B4 0A	C1 0A	C1 3A	C1 6A	C2 0A	C2 5A	C3 2A	C4 0A
4-4 LED, 9-20W	15 A (226 μ s)	19	25	30	37	46	59	74	31	41	50	61	76	97	122
4-8 LED, 20-38 W	25 A (236 μ s)	12	16	20	26	32	41	52	20	26	33	43	53	68	86
8-12 LED, 30-57 W	32 A (335 μ s)	6	8	10	13	16	20	26	10	13	16	21	26	33	42
12-24 LED, 45-9 6W	42 A (238 μ s)	6	8	10	13	16	20	26	10	13	17	22	27	35	44
24-32 LED, 70-1 44W	65 A (268 μ s)	3	4	5	6	7	9	12	5	7	8	10	12	16	20
32-52 LED, 100- 211W	80 A (225 μ s)	4	6	8	10	12	16	20	6	10	13	16	20	25	32
52-64 LED, 135- 288W	130 A (268 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
64-96 LED, 200- 380W	160 A (225 μ s)	2	3	4	5	6	8	10	3	5	6	8	10	12	16
Tridonic LED driver (Zhaga)															
Standard/High density	In-rush curre nt (peak/duratio n)	B 10 A	B1 3A	B1 6A	B2 0A	B25 A	B3 2A	B4 0A	C1 0A	C1 3A	C1 6A	C2 0A	C2 5A	C3 2A	C4 0A
6-12 LED, 8-26 W	15 A (316 μ s)	16	21	25	33	41	52	66	26	35	41	55	68	88	110
12-20 LED, 20-4 3W	20 A (346 μ s)	11	14	17	22	27	35	44	18	23	28	36	45	57	72
20-28 LED, 30-6 4W	28 A (270 μ s)	10	13	16	20	25	32	40	16	21	26	33	41	52	66
28-48 LED, 45-9 6W	38 A (280 μ s)	6	8	10	13	16	20	26	10	13	16	21	26	33	42
48-64 LED, 70-1 44W	56 A (277 μ s)	3	4	5	6	7	9	12	5	6	8	10	12	16	20
64-108 LED, 10 0-211W	85 A (215 μ s)	3	4	5	6	7	9	12	5	6	8	10	12	16	20

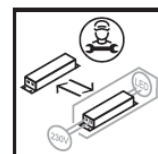
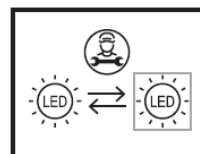
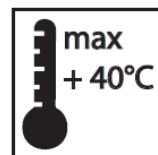
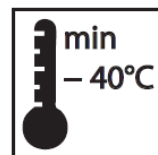
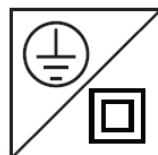
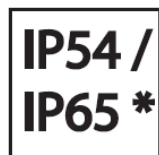
108-128 LED, 1 35-288W	112 A (277 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
128-160 LED, 2 00-380W	170 A (215 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
Eco		B 10 A	B1 3A	B1 6A	B2 0A	B25 A	B3 2A	B4 0A	C1 0A	C1 3A	C1 6A	C2 0A	C2 5A	C3 2A	C4 0A
4-4 LED, 9-20W	15 A (316 μ s)	16	21	25	33	41	52	66	26	35	41	55	68	88	110
4-8 LED, 20-39 W	20 A (346 μ s)	11	14	17	22	27	35	44	18	23	28	36	45	57	72
8-12 LED, 30-57 W	28 A (270 μ s)	10	13	16	20	25	32	40	16	21	26	33	41	52	66
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32-52 LED, 100- 211W	85 A (215 μ s)	3	4	5	6	7	9	12	5	6	8	10	12	16	20
52-64 LED, 135- 288W	112 A (277 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
64-96 LED, 200- 380W	170 A (215 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10

Terms of use and maintenance

Before luminaire is turned on, it should be mounted according with this mounting instruction or any other applicable regulations.

Mounting instructions

Mounting of luminaire must be performed by a qualified person according with the following instructions:



- The warranty of luminaire does not apply if the mounting of luminaire has been performed in precipitation (rain, snow, hail).
- The warranty of luminaire does not apply if a control system unauthorized by VIZULO or an inapplicable LED

driver has been used to drive the luminaire.

- The warranty of luminaire does not apply if it has been used in an unsuitable ambient temperature or has been supplied by voltage outside of the specified range.
- The warranty of luminaire does not apply if the LED driver program has been changed in any way.
- The warranty of the luminaire does not apply if the logged history data of the LED driver has been deleted without the permission of VIZULO.
- The warranty of luminaire does not apply, if it has been mounted in unspecified angles or upside down (luminaire glass directed up), or it has been completely submerged under water.

Safety instructions

Any actions with the luminaire must be performed by a qualified person, who is certified according with national regulations and requirements.

To prevent any accidents person installing the luminaire must follow national safety requirements and following instructions:

- The label containing technical parameters of the luminaire has to be studied before the work on it has begun.
- Any luminaire build or design changes are prohibited.
- The luminaire must be used in good technical condition and according with this instruction.
- Only VIZULO authorized spare parts and accessories can be used to repair the luminaire.
- The repair of luminaire has to be performed by a qualified and certified person.

Maintenance and repair

Luminaire has to be disconnected from the electrical grid before it is opened and/or repaired!

- The person working with the luminaire must follow national regulations and legislations that apply to the maintenance and testing of electrical or electronic appliances.
- The luminaire may need to be cleaned depending on its environment. Only a damp cloth or a sponge may be used to clean the luminaire. Use only household detergents diluted by water.
- Only VIZULO authorized spare parts may be used for the luminaire.
- Instruction for changing spare parts must be requested from VIZULO and studied before the repair is attempted.
- LED modules, lens and LED drivers can be changed on an installed luminaire, but it is advised to perform this task indoors to avoid water entering the luminaire.
- Spare parts (lens, LED modules and drivers) should be ordered from the information available on the luminaire label.

Documents / Resources

