

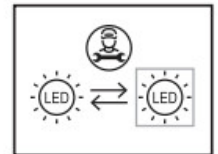
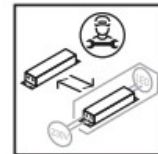
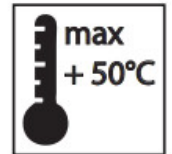
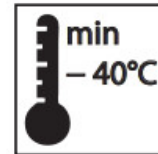
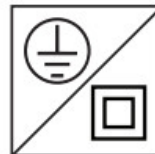


VIZULO ORB 2 Orris Top entry LED luminaire Instruction Manual

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VIZULO Orris Top entry LED luminaire





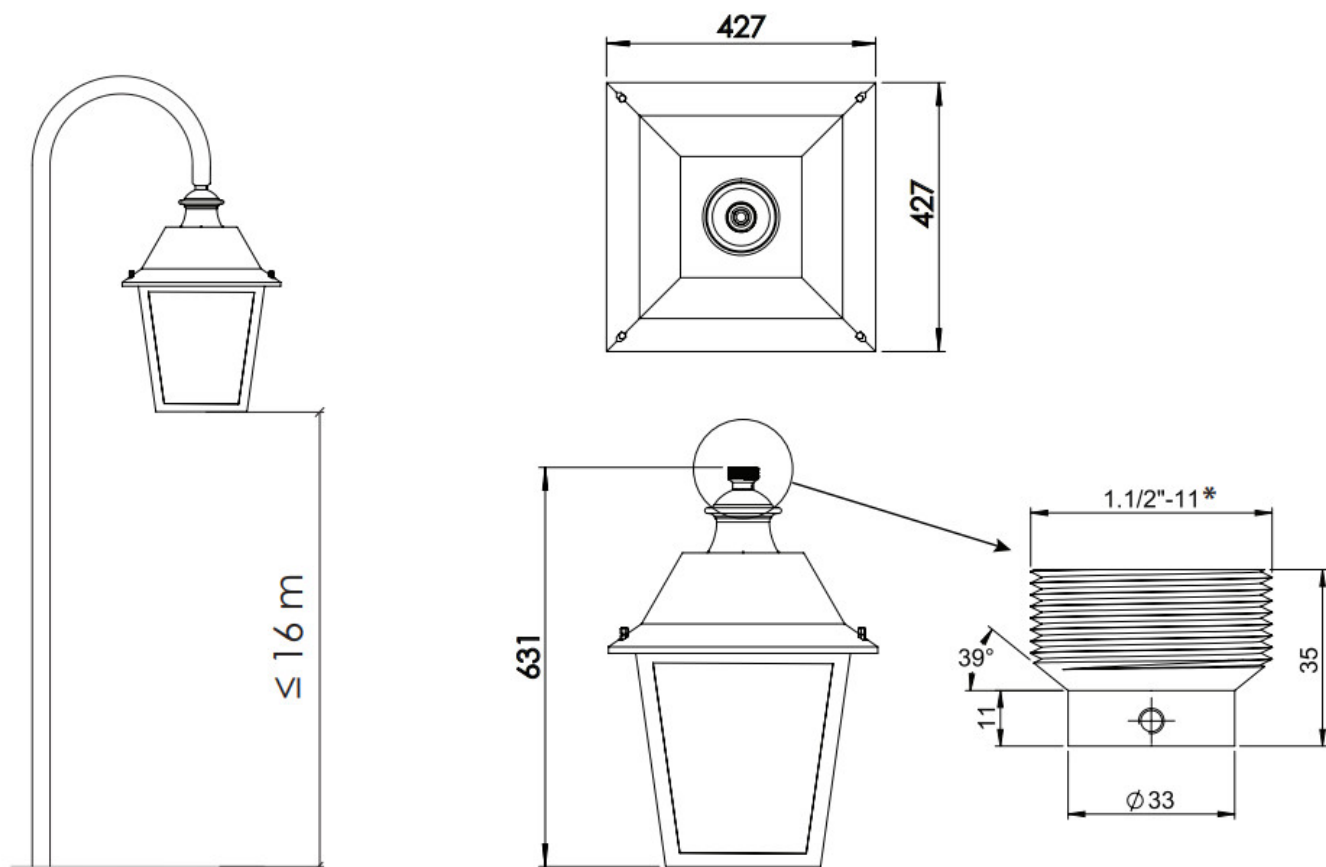
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Mounting instruction

Dimensions

SCd = 0.07 m²

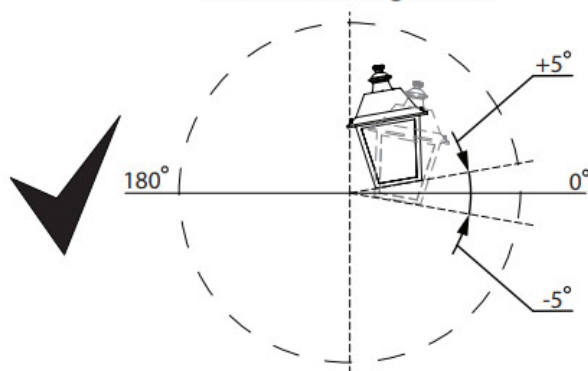


Netto Weight

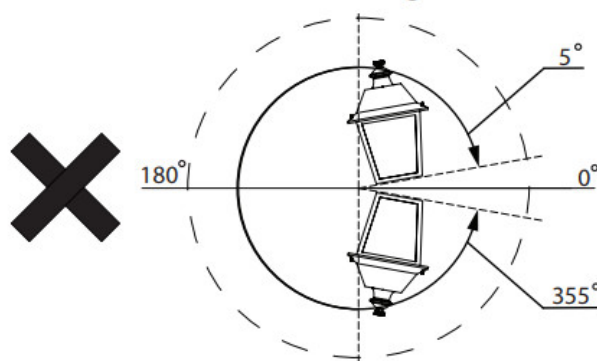
ORB 000 000 000 0000 00 001 5.51 kg

ORB 000 000 000 0000 00 002 5.59 kg

Acceptable luminaire mounting angle
relative to the ground.

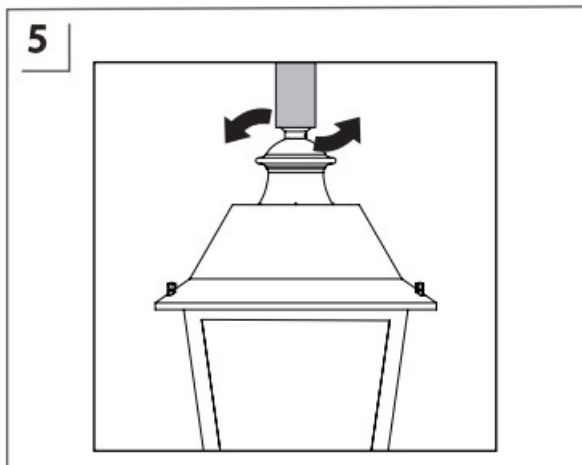
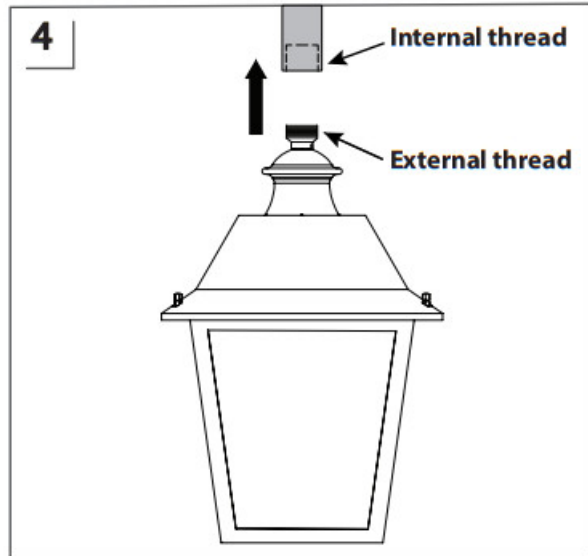
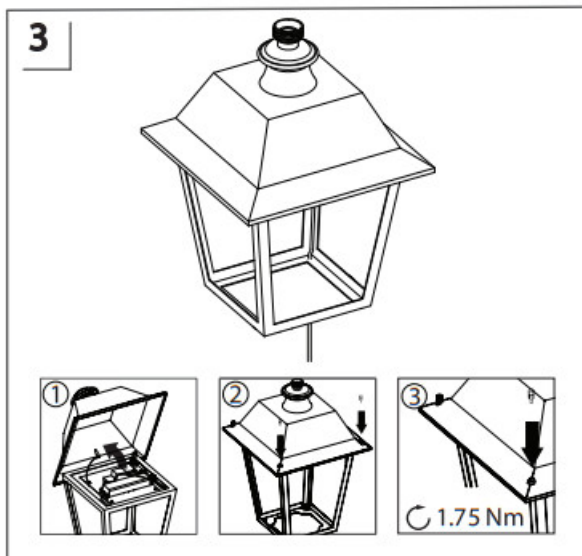
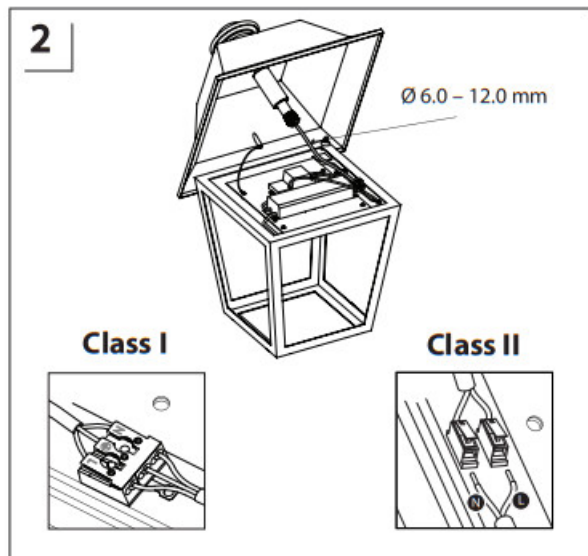
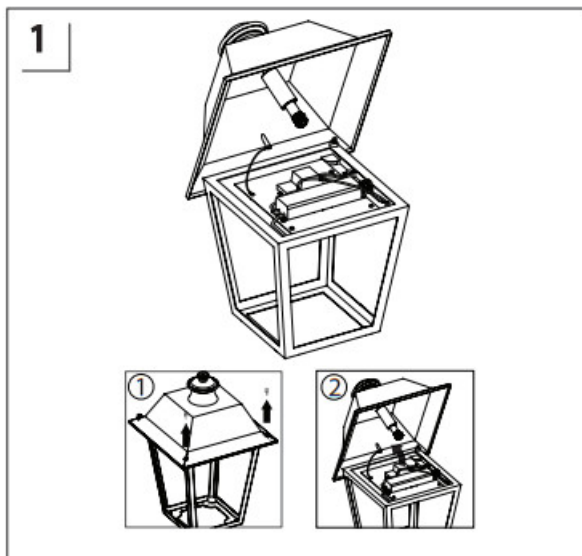


Unacceptable luminaire mounting angle
relative to the ground.

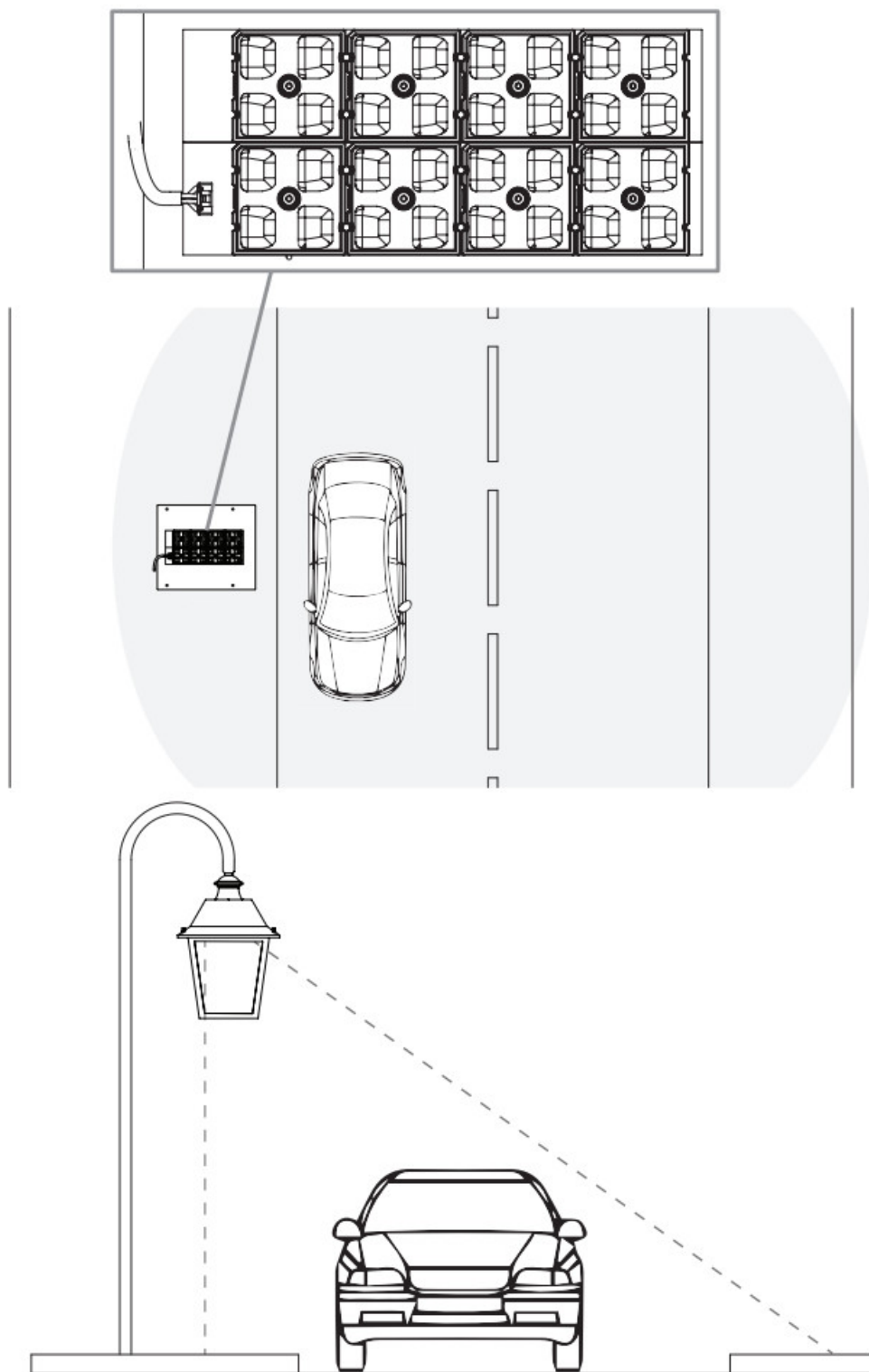


These limitations only apply when mounting the luminaire outdoors!

Mounting



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.

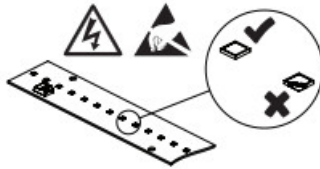


Caution, risk of electrical shock



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, 100-211W	80 A (225 μ s)	4	6	8	10	12	16	20	6	10	13	16	20	25	32
108-128 LED, 135-288W	130 A (268 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
128-160 LED, 200-380W	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, 20-38W	25 A (236 μ s)	12	16	20	26	32	41	52	20	26	33	43	53	68	86
8-12 LED, 30-57W	32 A (335 μ s)	6	8	10	13	16	20	26	10	13	16	21	26	33	42
12-24 LED, 45-96W	42 A (238 μ s)	6	8	10	13	16	20	26	10	13	17	22	27	35	44
24-32 LED, 70-144W	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 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, 8-26W	15 A (316 μ s)	16	21	25	33	41	52	66	26	35	41	55	68	88	110
12-20 LED, 20-43W	20 A (346 μ s)	11	14	17	22	27	35	44	18	23	28	36	45	57	72
20-28 LED, 30-64W	28 A (270 μ s)	10	13	16	20	25	32	40	16	21	26	33	41	52	66
28-48 LED, 45-96W	38 A (280 μ s)	6	8	10	13	16	20	26	10	13	16	21	26	33	42

48-64 LED, 70-144W	56 A (277 μ s)	3	4	5	6	7	9	12	5	6	8	10	12	16	20
64-108 LED, 100-211W	85 A (215 μ s)	3	4	5	6	7	9	12	5	6	8	10	12	16	20
108-128 LED, 135-288W	112 A (277 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
128-160 LED, 200-380W	170 A (215 μ s)	1	2	2	3	3	4	6	2	3	4	5	6	8	10
Eco		B10A	B13A	B16A	B20A	B25A	B32A	B40A	C10A	C13A	C16A	C20A	C25A	C32A	C40A
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, 20-39W	20 A (346 μ s)	11	14	17	22	27	35	44	18	23	28	36	45	57	72
8-12 LED, 30-57W	28 A (270 μ s)	10	13	16	20	25	32	40	16	21	26	33	41	52	66
12-24 LED, 45-96W	38 A (280 μ s)	6	8	10	13	16	20	26	10	13	16	21	26	33	42
24-32 LED, 70-144W	56 A (277 μ s)	3	4	5	6	7	9	12	5	6	8	10	12	16	20
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 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 specied 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 unspiced 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 electrical grid before it is opened and/or repaired!

- The person working with the luminaire must follow national regulations and legislations that apply to 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 indoor to avoid water entering the luminaire.
- Spare parts (lens, LED modules and drivers) should be ordered from the information available on the luminaire label.

VIZULO

30.05.2022

SIA VIZULO

Laucu Lejas, Iecava, Latvia, LV-3913

www.vizulo.com

Documents / Resources

 <p>VIZULO ORB 2 Orris Top entry LED luminaire</p> <p>Technical specifications: 100-240V AC, 15W, IP65, 230lm, 2700K, 180° beam angle.</p> <p>vizULO</p>	<p>VIZULO ORB 2 Orris Top entry LED luminaire [pdf] Instruction Manual</p> <p>ORB 2 Orris Top entry LED luminaire, ORB 2, Orris Top entry LED luminaire, Top entry LED luminaire, entry LED luminaire, LED luminaire, luminaire</p>
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References

- [Vizulo](#)