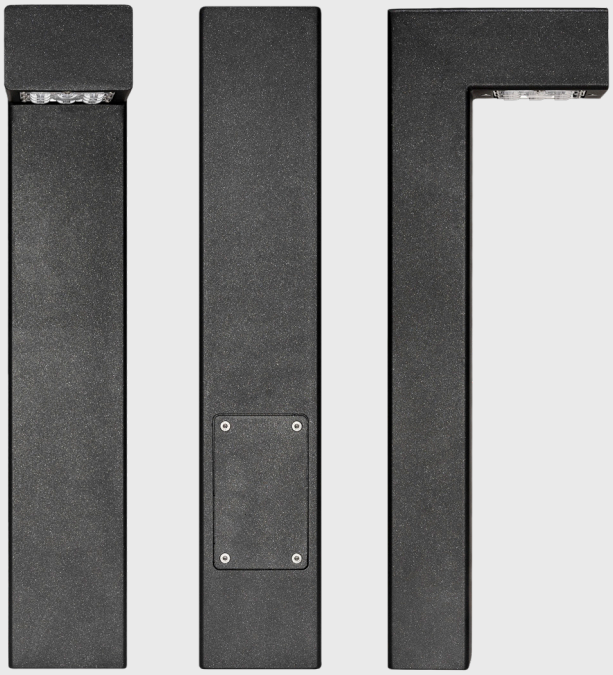
VIZULO

Heron



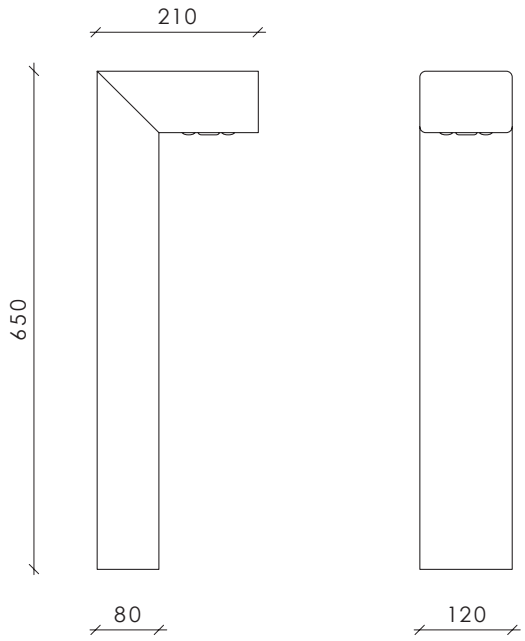
Heron 65 cm



powder coated version



galvanized version



RAL9006

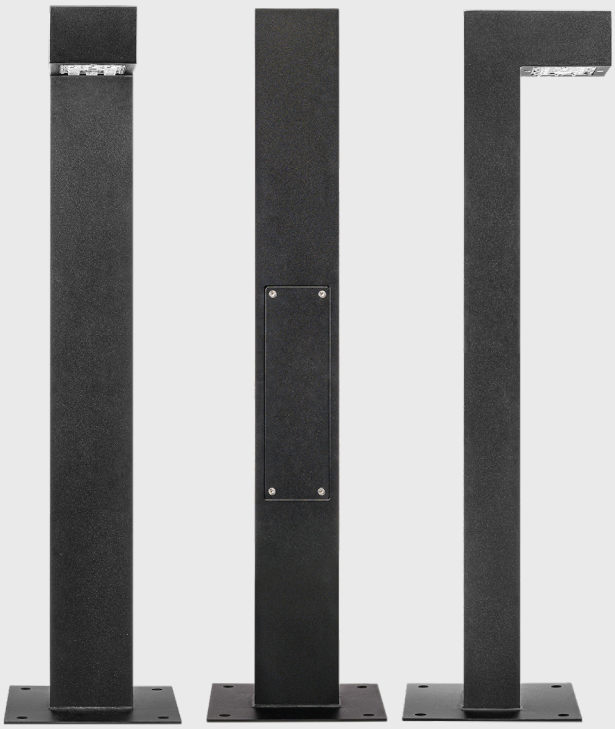
GALVANIZED

DB703

RAL9005

Other colors
available on request

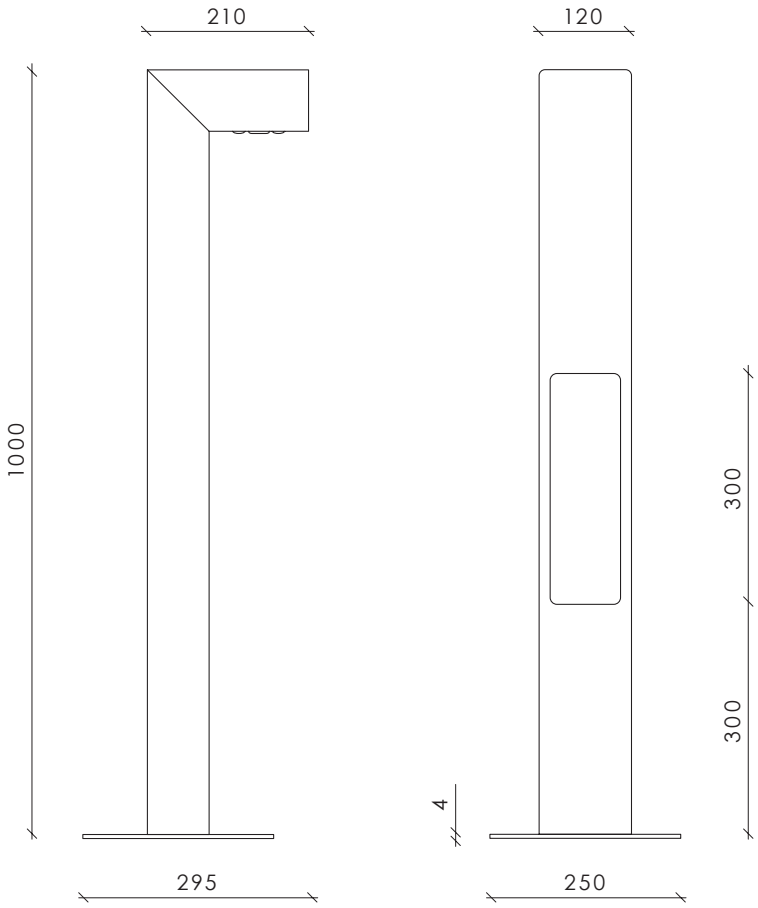
Heron 100 cm

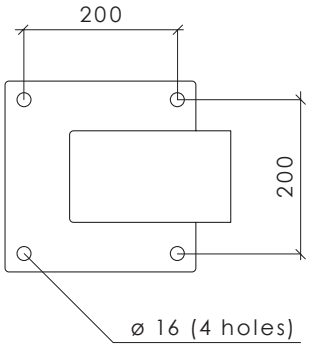


powder coated
version



galvanized
version





RAL9006

GALVANIZED

DB703

RAL9005

Other colors
available on request

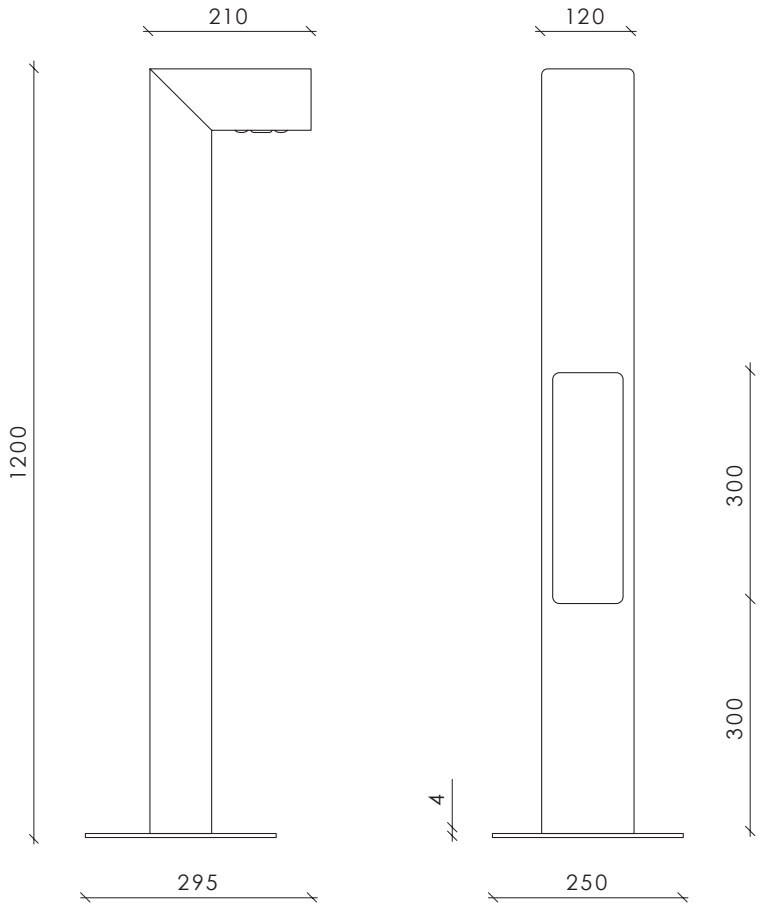
Heron 120 cm

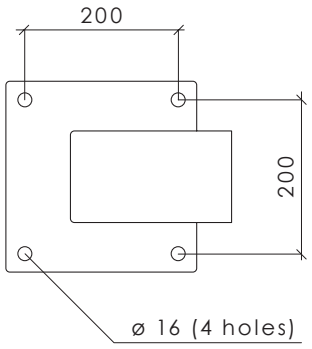


powder coated version



galvanized version





RAL9006

GALVANIZED

DB703

RAL9005

Other colors
available on request

Technical information

V	220 - 240
Hz	50 - 60
W	8 - 26
lm	913 - 3350 [1]
lm/W	106 - 135
K	2700 / 3000 / 4000 [2]
°C	-40 to +40
CRI	>80 / >90 [2]

Body:	Extruded aluminium / Steel
Dimming:	DALI / Midnight dimming / Step dimming / Mains dimming
Initial chromaticity:	MacAdam 5
Lifetime:	100 000 h (L98B10) at Ta = 25 °C*
Warranty:	5 years
Installation:	IP connector
Mounting:	On flange
Intelligent Control:	Stand-alone / Group / CMS
Sensor:	Motion / Motion + Daylight / Daylight
Surge protection:	1 / 2 / 4 / 10 kV [3
Nature friendly:	PC Amber / Red / 1800 K
Corrosion protection:	Up to C5
Neto weight:	Up to 4.8 kg [4 Up to 15 kg [5

[1] Lumen output indicated at CRI > 70

[2] 1800 / 2200 / 5000 / 5700 / 6500 K available on request along with other not listed CRI and CCT

[3] 10 kV (L-N; L/N-PE) surge protection device available on request

[4] Aluminium version

[5] Galvanized (steel) version

* This value is only informative and may change according to selected article. LED Lifetime is strongly depending from LEDs current and junction temperature – increase in LED current and luminaire power lead to increase of junction temperature and as consequence lifetime decrease. Thus, luminaire models with lower power, lower current (and lower junction temperature) will have higher lifetime than standard models. And high power and high current luminaire models may have negative lifetime deviation comparing to standard models. To receive precise value please contact VIZULO export representatives.

Technical parameters for final product can differ from typical data by 7% due to special conditions of LED manufacturing processes

Eco modules

* Data for L01 optic.

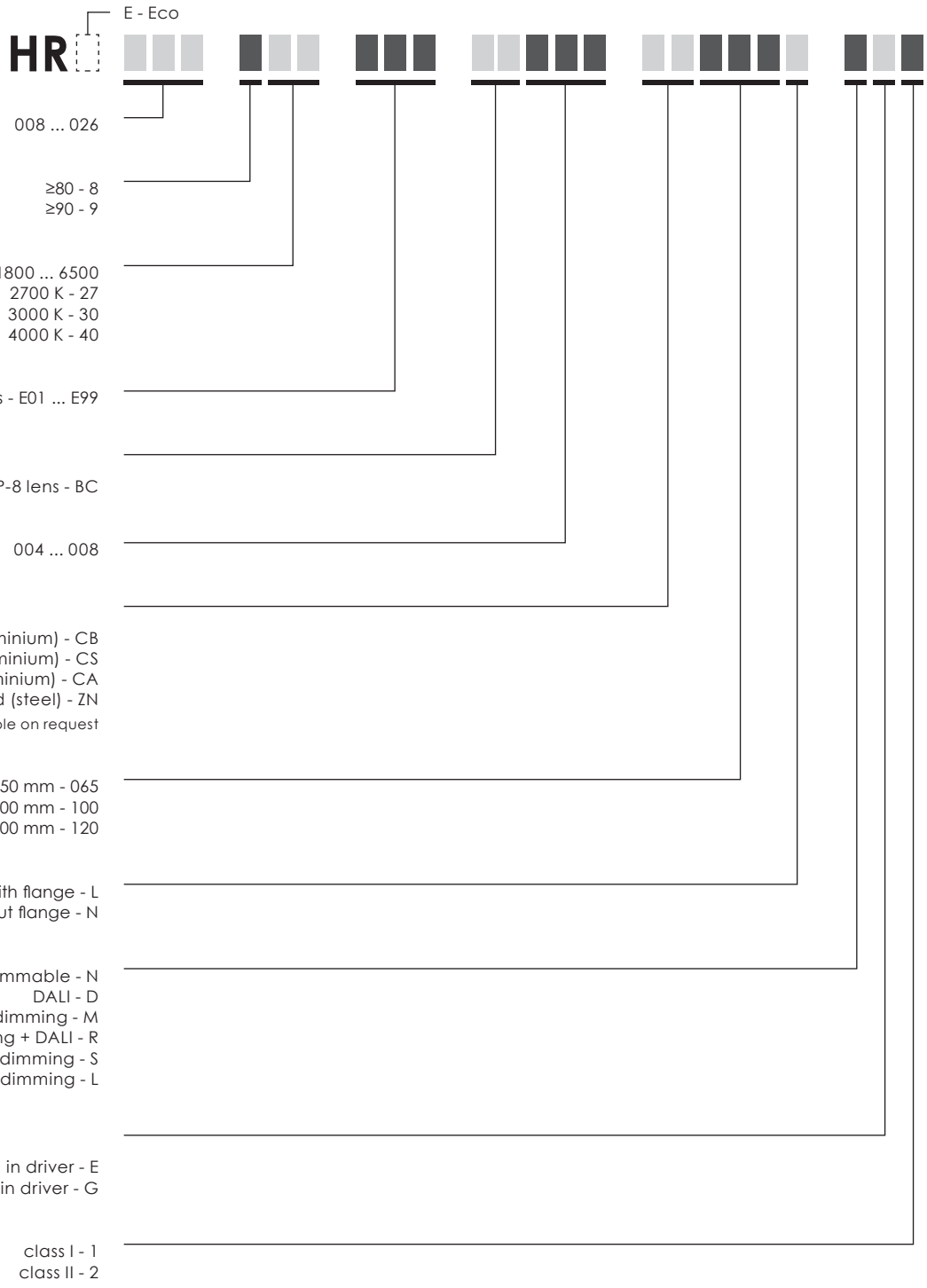
Check VIZULO members section for additional information

4000 K | CRI 70

Number of LED's		4			8	
Nominal current, mA	270	520	700	270	370	490
Power, W	8	15	20	15	20	26
Luminous Flux, lm	990	1780	2290	2020	2670	3350
Efficacy, lm/W	124	119	115	135	134	129
Power factor, PF		Up to 0.95			Up to 0.95	

Luminaire efficacy	2700 K	8 - 26 W	913 - 3090 lm	106 - 125 lm/W
	3000 K	8 - 26 W	990 - 3350 lm	115 - 135 lm/W
	5000 K	8 - 26 W	990 - 3350 lm	115 - 135 lm/W
	5700 K	8 - 26 W	990 - 3350 lm	115 - 135 lm/W

Model name principles



Power [W] 008 ... 026

Color rendering index
≥80 - 8
≥90 - 9

Color temperature [K] 1800 ... 6500
Standard values:
2700 K - 27
3000 K - 30
4000 K - 40

Lens type IP-8 lens - E01 ... E99

LED module type
8 LEDs, type IP-8 lens - BC

LED quantity 004 ... 008

Coating
black RAL 9005 (aluminium) - CB
silver RAL 9006 (aluminium) - CS
asphalt DB 703 (aluminium) - CA
galvanized (steel) - ZN
other colors available on request

Height
650 mm - 065
1000 mm - 100
1200 mm - 120

Mounting
with flange - L
without flange - N

Dimming
non dimmable - N
DALI - D
midnight dimming - M
midnight dimming + DALI - R
step dimming - S
mains dimming - L

Surge protector
4 kV integrated in driver - E
6 kV ... 10 kV integrated in driver - G

Insulation
class I - 1
class II - 2

EXAMPLE HRE 008 730 E93 BC004 CB100L NG2

LED modules

Type	Max module QTY	Min LED QTY per module	Max LED QTY per module	Max LED QTY per luminaire	LED step	LED type	Lens type	LED module
BC	1	4	8	8	2	Eco	type IP-8 E01...EZ9	

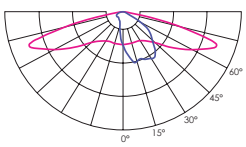
Cable core count

Socket	Dimming	Model number abbreviation	Input cable core count - Class I	Input cable core count - Class II
None	None	N	3	2
None	DALI	D	5	4
None	Midnight dimming	M	3	2
None	Midnight dimming + DALI	R	5	4
None	Step dimming	S	5 [1]	4 [1]
None	Mains dimming	L	3	2

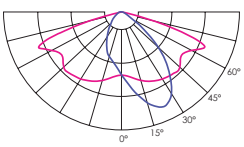
[1] 1 core unused

Optics

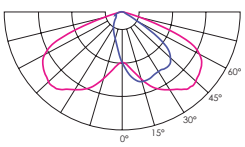
E22



E63



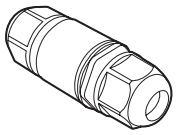
E93



Accessories

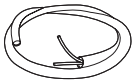
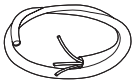
IP68 rated wire cable connector

2 wire cable connector ..... *Art. 70000676*
3 wire cable connector ..... *Art. 70000677*
4 wire cable connector ..... *Art. 70000725*
5 wire cable connector ..... *Art. 70000678*



Pre-installed cable sets
For internal power supply *

* Custom cable lengths available on request



Cable length [m]	2 x 1.5 mm²	3 x 1.5 mm²	4 x 1.5 mm²	5 x 1.5 mm²
0.5	*Art. 70100184*	*Art. 70100179*	*Art. 70100402*	*Art. 70100409*
1	*Art. 70100156*	*Art. 70100193*	*Art. 70000527*	*Art. 70100220*
1.5	*Art. 70100391*	*Art. 70100258*	*Art. 70100403*	*Art. 70100410*
2	*Art. 70100202*	*Art. 70100177*	*Art. 70000515*	*Art. 70100262*
2.5	*Art. 70100392*	*Art. 70100213*	*Art. 70100404*	*Art. 70100411*
3	*Art. 70100166*	*Art. 70100178*	*Art. 70000529*	*Art. 70100217*
4	*Art. 70100172*	*Art. 70100144*	*Art. 70000530*	*Art. 70100189*
5	*Art. 70100173*	*Art. 70100146*	*Art. 70000531*	*Art. 70100185*
6	*Art. 70100099*	*Art. 70000512*	*Art. 70000532*	*Art. 70000370*
7	*Art. 70100174*	*Art. 70100182*	*Art. 70000533*	*Art. 70100201*
8	*Art. 70100152*	*Art. 70000630*	*Art. 70000534*	*Art. 70100212*
9	*Art. 70100176*	*Art. 70000381*	*Art. 70000535*	*Art. 70100192*
10	*Art. 70100153*	*Art. 70000631*	*Art. 70000536*	*Art. 70000387*
11	*Art. 70100191*	*Art. 70100143*	*Art. 70000537*	*Art. 70000388*
12	*Art. 70100167*	*Art. 70100147*	*Art. 70000538*	*Art. 70100200*
13	*Art. 70100186*	*Art. 70100187*	*Art. 70000539*	*Art. 70100412*
14	*Art. 70100204*	*Art. 70100164*	*Art. 70000540*	*Art. 70100165*
15	*Art. 70100380*	*Art. 70100030*	*Art. 70000541*	*Art. 70100183*
20	*Art. 70100393*	*Art. 70100397*	*Art. 70100405*	*Art. 70100413*
25	*Art. 70100276*	*Art. 70100398*	*Art. 70100406*	*Art. 70100414*

Certification

CE – conformity with European Union's health, safety and environmental protection standards

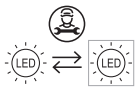
The CE mark is placed on products to state conformity with the relevant EU health, safety and environmental protection standards. In case of electronic products, the standards are, for example, the Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive, Waste Electrical and Electronic Equipment (WEEE) directive, the Electromagnetic Compatibility (EMC) directive etc. The mark ensures that the product can be sold anywhere in the European Economic Area (EEA).

UKCA - conformity with the relevant essential requirements of Great Britain

UKCA is a product mark intended to demonstrate compliance with the directives set by Great Britain (England, Scotland and Wales). It is analogous to the European Union's CE marking, meaning that depending on the type of product the applicable regulations are different. In case of LED lighting, the relevant requirements are compliance with the Electromagnetic Compatibility Regulations, the Electrical Equipment (Safety) Regulations, the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations and the Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations.

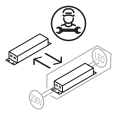
RoHS – compliance with European Union's RoHS directive

The RoHS (Restriction of Hazardous Substances in Electrical and Electronic Equipment) directive restricts (with exceptions) the use of ten hazardous materials in the manufacture of various types of electronic and electrical equipment. The aim of the directive is to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste.



LED module replaceable by a professional

This pictogram shows that the LED modules included in the luminaire are only replaceable by a professional. This labeling is a requirement folowing the introdution of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



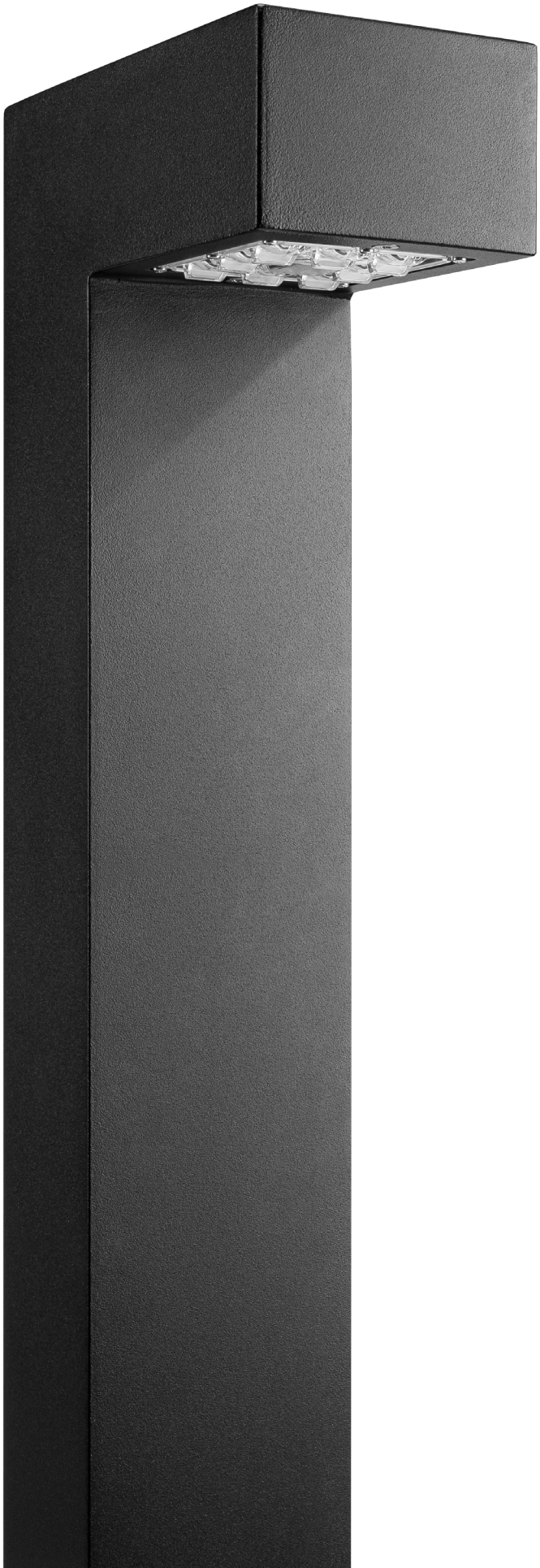
LED driver replaceable by a professional

This pictogram shows that the LED driver included in the luminaire is only replaceable by a professional. This labeling is a requirement folowing the introdution of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.

References



↘
Heron,
Latvia



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