STRADO LED M

GENERAL CARD



TECHNICAL PARAMETERS

Version:	M
Material of the body:	powder coated aluminium
Diffuser material:	tempered glass
Ingress protection:	IP66
Impact resistance:	IK10
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Rated power of the luminaire [W]*:	8 - 157
Luminous flux [lm]*:	1075 - 20125
Luminous efficacy [lm/W]:	101 - 165
Energy efficiency class:	B - E
Electrical protection class:	I; II
Colour temperature [K]:	2200 - 6500
Color rendering index (Ra) >:	> 70; > 80
Tilt angle adjustment [°]:	-20 to +20
Exchangeable source:	yes
Technical Warranty:	5 with the possibility of extension to 10

CHARACTERISTICS

STRADO LED is a new family of LED road luminaires. It uses directional multi-lens matrices, made of PMMA, with each lens having the same optics, ensuring that the luminous characteristics remain constant over time. Components from renowned manufacturers and state-of-the-art LED panels contribute to the very high luminous efficacy achieved at the output of the luminaire - reaching 165 lm/W. The upper part of the body has a separate electrical cavity in the body, which allows for efficient cooling of all power supply components, independently of the light module. The lower surface of the luminaire is finished entirely with toughened glass, providing high aesthetic qualities. The luminaire has an outgoing cable with a quick-release connector, which allows fast, convenient and reliable installation without opening the luminaire. Using standard tools, it is possible to service the luminaire, allowing any component to be replaced without soldering. The body and fixture are made of die-cast aluminium, powder-coated grey, and have a very high IP66 ingress protection rating and IK10 mechanical impact resistance. Standard features: fully programmable DALI driver; available functions for maintaining constant luminous flux during CLO and autonomous 5-step power reduction; NTC protection against accidental overheating of the luminaire; filter to prevent condensation; outgoing cable with quick-connector. Additional options: NEMA, ZHAGA connectors on the top of the luminaire; interfacing with control systems; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; painting in any RAL colour. Certifications: CE, RoHS, ENEC, ENEC+, Zhaga D4i.

APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate objects such as: highways, expressways, national, provincial, county, municipal, city, neighborhood, area lighting. Optics are also available to illuminate: pedestrian crossings, sidewalks and bicycle paths.

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AVAILABLE VERSIONS

Click index >>, to see details

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
8	1325	165	B	4000	70	II	RM7	yes	>> 411403
10	1650	165	B	4000	70	II	RM7	yes	>> 411410
12	1850	154	C	4000	70	II	RM7	yes	>> 411427
14	2150	153	C	4000	70	II	RM7	yes	>> 411434
15	2250	150	C	4000	70	II	RM7	yes	>> 411441
18	2925	162	B	4000	70	II	RM7	yes	>> 411458
20	3075	153	C	4000	70	II	RM7	yes	>> 411465
21	3450	164	B	4000	70	II	RM7	yes	>> 411472
26	4325	166	B	4000	70	II	RM7	yes	>> 411489
30	4850	161	B	4000	70	II	RM7	yes	>> 411496
31	5075	163	B	4000	70	II	RM7	yes	>> 411502
32	5250	164	B	4000	70	II	RM7	yes	>> 411519
34	5600	164	B	4000	70	II	RM7	yes	>> 411526
35	5775	165	B	4000	70	II	RM7	yes	>> 411533
36	5975	165	B	4000	70	II	RM7	yes	>> 411540
39	6350	162	B	4000	70	II	RM7	yes	>> 411564
43	6975	162	B	4000	70	II	RM7	yes	>> 411571
49	7950	162	B	4000	70	II	RM7	yes	>> 411588
52	8425	162	B	4000	70	II	RM7	yes	>> 411595
54	8750	162	B	4000	70	II	RM7	yes	>> 411601
59	9525	161	B	4000	70	II	RM7	yes	>> 411618
63	10150	161	B	4000	70	II	RM7	yes	>> 411625
69	11050	160	B	4000	70	II	RM7	yes	>> 411632
76	12100	159	B	4000	70	II	RM7	yes	>> 411649
78	12375	158	B	4000	70	II	RM7	yes	>> 411656
85	13425	157	C	4000	70	II	RM7	yes	>> 411663
89	13975	157	C	4000	70	II	RM7	yes	>> 411670
94	14850	157	C	4000	70	II	RM7	yes	>> 411687
98	15875	161	B	4000	70	II	RM7	yes	>> 411694
110	16875	153	C	4000	70	II	RM7	yes	>> 411700
118	17950	152	C	4000	70	II	RM7	yes	>> 411717
126	19000	150	C	4000	70	II	RM7	yes	>> 411724
140	20700	147	C	4000	70	II	RM7	yes	>> 411731

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
157	22675	144	C	4000	70	II	RM7	yes	>> 411748

STRADO LED M HE

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
20	3375	168	B	4000	70	II	RM7HE	yes	>> 841682
21	3575	170	B	4000	70	II	RM7HE	yes	>> 841699
31	5350	172	B	4000	70	II	RM7HE	yes	>> 841729
32	5450	170	B	4000	70	II	RM7HE	yes	>> 841736
35	6000	171	B	4000	70	II	RM7HE	yes	>> 841750
36	6200	172	B	4000	70	II	RM7HE	yes	>> 841767
39	6725	172	B	4000	70	II	RM7HE	yes	>> 841774
43	7375	171	B	4000	70	II	RM7HE	yes	>> 841781
49	8150	166	B	4000	70	II	RM7HE	yes	>> 841798
52	8925	171	B	4000	70	II	RM7HE	yes	>> 841804
59	10150	172	B	4000	70	II	RM7HE	yes	>> 841828
63	10700	169	B	4000	70	II	RM7HE	yes	>> 841835
69	11500	166	B	4000	70	II	RM7HE	yes	>> 841842
76	12525	164	B	4000	70	II	RM7HE	yes	>> 841859
85	13975	164	B	4000	70	II	RM7HE	yes	>> 841873
89	14425	162	B	4000	70	II	RM7HE	yes	>> 841880
94	15300	162	B	4000	70	II	RM7HE	yes	>> 841897
98	15975	163	B	4000	70	II	RM7HE	yes	>> 841903
118	18625	157	C	4000	70	II	RM7HE	yes	>> 841927
126	19675	156	C	4000	70	II	RM7HE	yes	>> 841934
140	21400	152	C	4000	70	II	RM7HE	yes	>> 841941
157	23525	149	C	4000	70	II	RM7HE	yes	>> 841958

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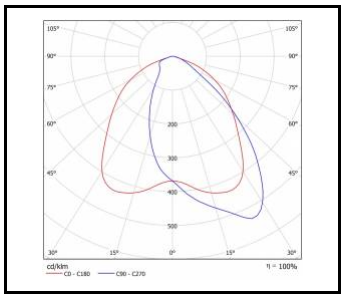
LUMINOUS INTENSITY DISTRIB. CURVE



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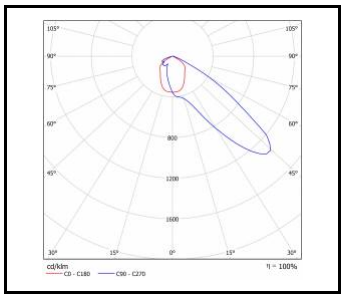

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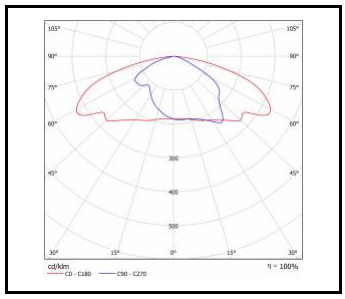

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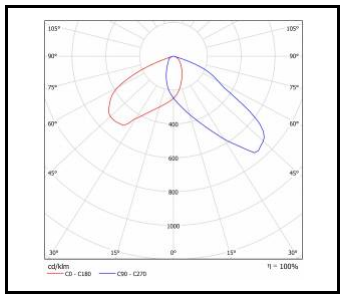

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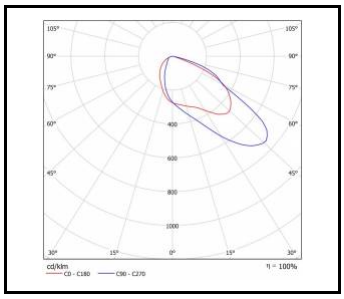

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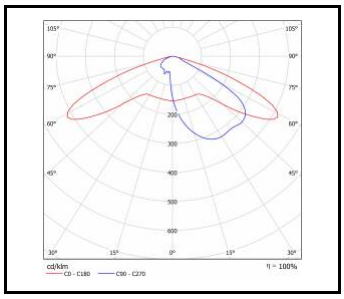

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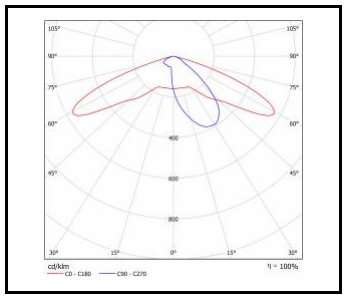

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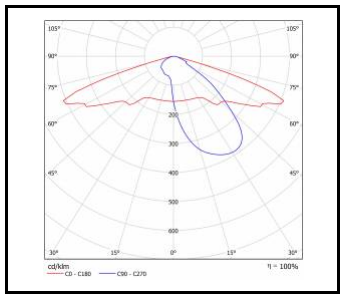

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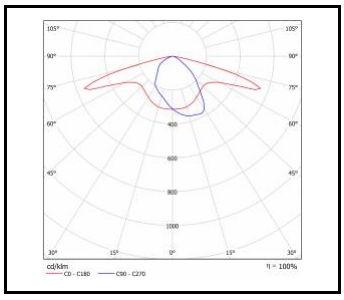

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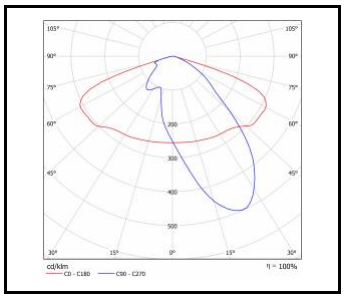

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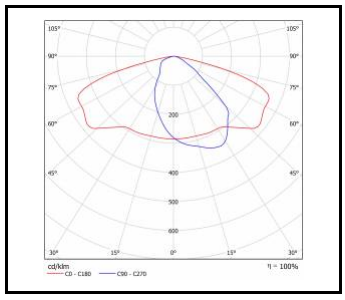

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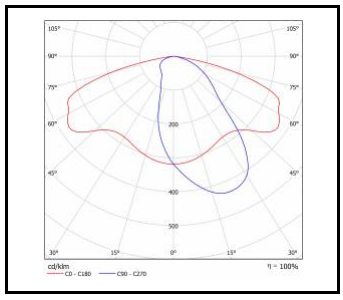

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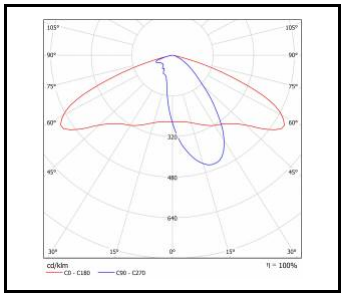

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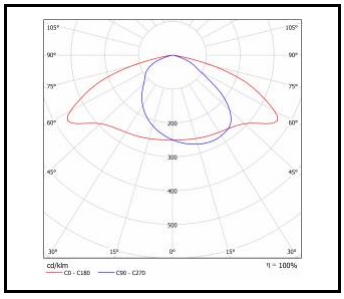

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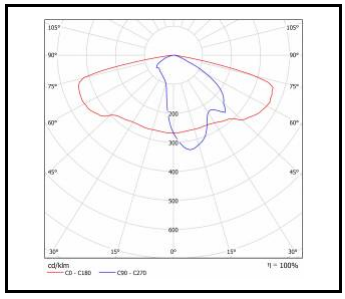

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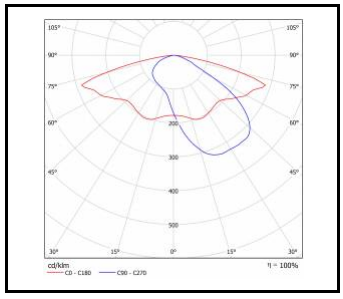

RM19

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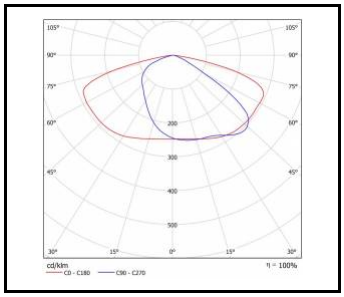

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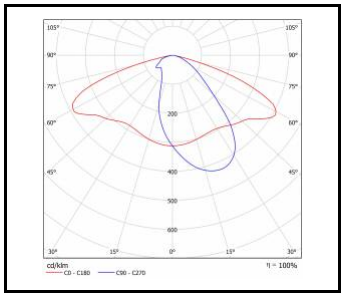

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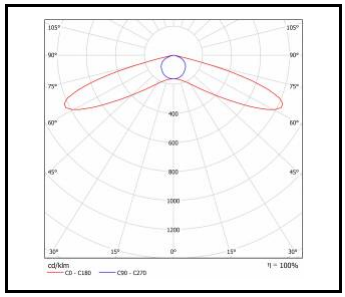

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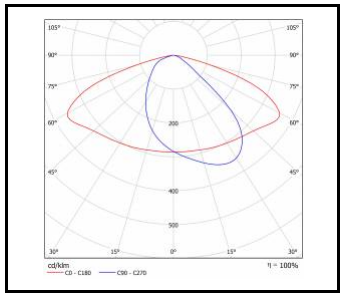

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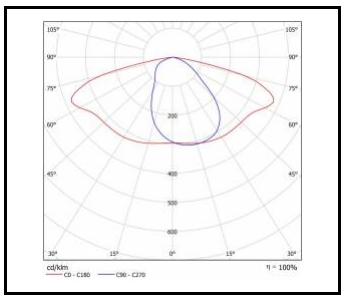

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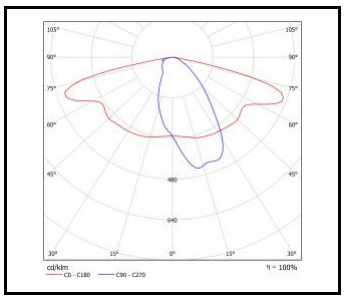

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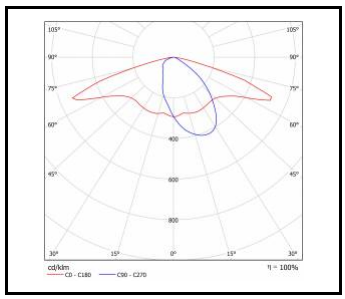

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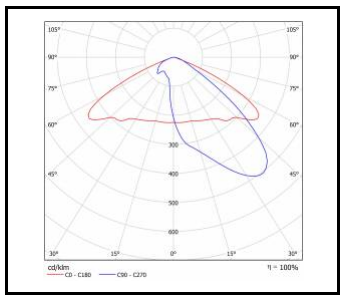

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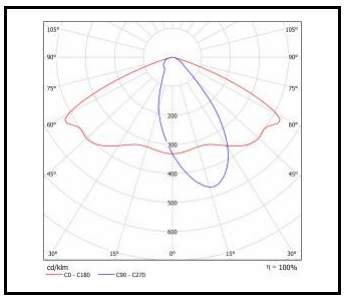

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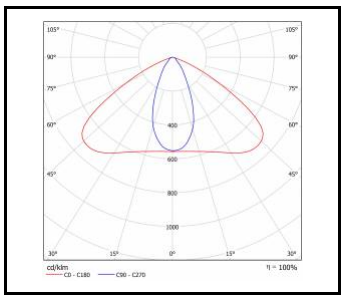

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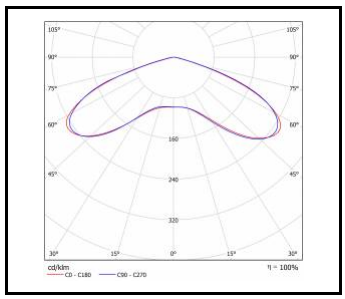

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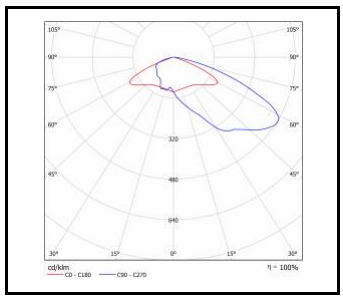

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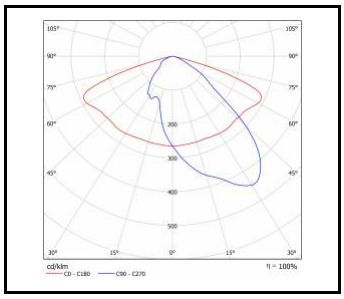

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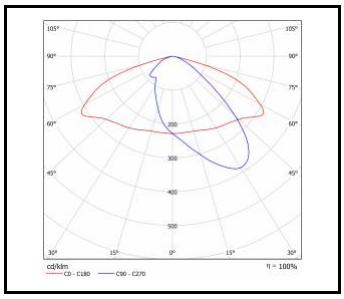

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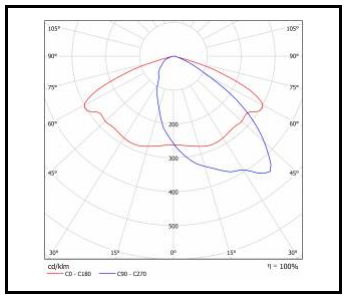

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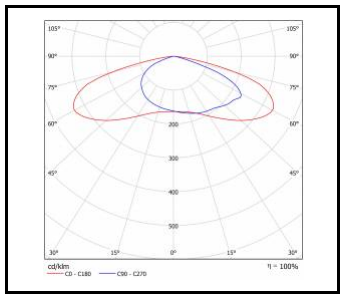

RW5

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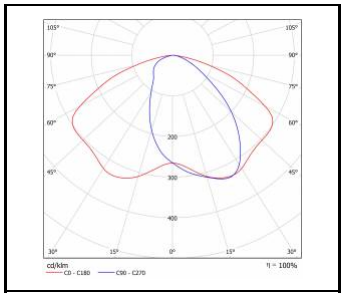

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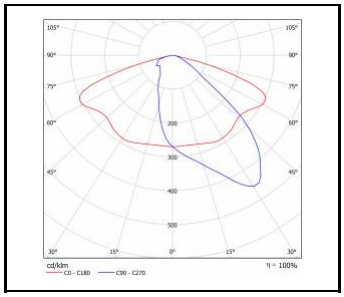

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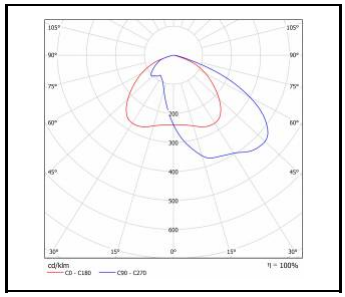

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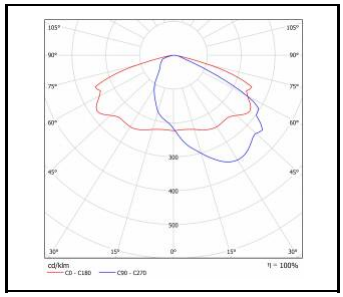


RW9

STRADO LED M

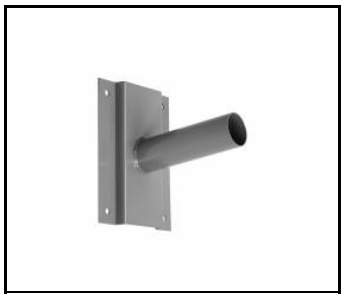
GENERAL CARD

ACCESSORIES AVAILABLE

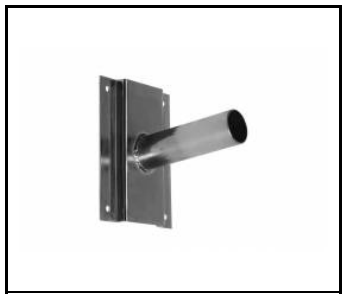
index	Name
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT
	wall holder (grey)
842108	Backshield T (back) Strado LED M RAL9006
842115	Backshield P (right) Strado LED M RAL9006
842122	Backshield L (left) Strado LED M RAL9006
	wall holder (galvanized)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)



wall holder (grey) (314056)



wall holder (galvanized) (314049)

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 86/2023

LENA LIGHTING

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