STRADO LED S

GENERAL CARD



TECHNICAL PARAMETERS

Version:	S
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 - 109
Luminous flux [lm]*:	1075 - 13200
Luminous efficacy [lm/W]:	103 - 158
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

Strado LED S

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	1225	153	C	4000	70	II	RM7	yes	>> 408007
10	1550	155	C	4000	70	II	RM7	yes	>> 408014
12	1850	154	C	4000	70	II	RM7	yes	>> 408021
14	2150	153	C	4000	70	II	RM7	yes	>> 408038
15	2250	150	C	4000	70	II	RM7	yes	>> 408045
16	2475	154	C	4000	70	II	RM7	yes	>> 408137
18	2800	155	C	4000	70	II	RM7	yes	>> 408052
21	3175	151	C	4000	70	II	RM7	yes	>> 408144
23	3450	150	C	4000	70	II	RM7	yes	>> 408069
24	3575	148	C	4000	70	II	RM7	yes	>> 408151
25	4125	165	B	4000	70	II	RM7	yes	>> 408076
26	4275	164	B	4000	70	II	RM7	yes	>> 408168
28	4575	163	B	4000	70	II	RM7	yes	>> 408083
29	4725	162	B	4000	70	II	RM7	yes	>> 408175
30	4875	162	B	4000	70	II	RM7	yes	>> 408090
31	5025	162	B	4000	70	II	RM7	yes	>> 408182
33	5350	162	B	4000	70	II	RM7	yes	>> 408106
34	5525	162	B	4000	70	II	RM7	yes	>> 408199
35	5650	161	B	4000	70	II	RM7	yes	>> 408113
36	5800	161	B	4000	70	II	RM7	yes	>> 408205
37	5950	160	B	4000	70	II	RM7	yes	>> 408120
39	6275	160	B	4000	70	II	RM7	yes	>> 408212
44	6925	157	C	4000	70	II	RM7	yes	>> 408229
47	7350	156	C	4000	70	II	RM7	yes	>> 408236
50	7800	156	C	4000	70	II	RM7	yes	>> 408243
52	8075	155	C	4000	70	II	RM7	yes	>> 408250
61	9300	152	C	4000	70	II	RM7	yes	>> 408267
65	9875	151	C	4000	70	II	RM7	yes	>> 408274
70	10525	150	C	4000	70	II	RM7	yes	>> 408281
76	11350	149	C	4000	70	II	RM7	yes	>> 408298
80	11775	147	C	4000	70	II	RM7	yes	>> 408304
84	12100	144	C	4000	70	II	RM7	yes	>> 408311
89	12625	141	C	4000	70	II	RM7	yes	>> 408328

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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
99	13750	138	C	4000	70	II	RM7	yes	>> 408335
109	14475	132	D	4000	70	II	RM7	yes	>> 408342

Strado LED S 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
8	1300	162	B	4000	70	II	RM7HE	yes	>> 841279
10	1625	162	B	4000	70	II	RM7HE	yes	>> 841286
12	1950	162	B	4000	70	II	RM7HE	yes	>> 841293
14	2275	162	B	4000	70	II	RM7HE	yes	>> 841309
15	2400	160	B	4000	70	II	RM7HE	yes	>> 841316
16	2625	164	B	4000	70	II	RM7HE	yes	>> 841323
18	2975	165	B	4000	70	II	RM7HE	yes	>> 841330
21	3375	160	B	4000	70	II	RM7HE	yes	>> 841347
23	3650	158	B	4000	70	II	RM7HE	yes	>> 841354
24	3800	158	B	4000	70	II	RM7HE	yes	>> 841361
25	4525	181	A	4000	70	II	RM7HE	yes	>> 841378
26	4700	180	A	4000	70	II	RM7HE	yes	>> 841385
28	5050	180	A	4000	70	II	RM7HE	yes	>> 841392
29	5200	179	A	4000	70	II	RM7HE	yes	>> 841408
30	5375	179	A	4000	70	II	RM7HE	yes	>> 841415
31	5575	179	A	4000	70	II	RM7HE	yes	>> 841422
33	5900	178	B	4000	70	II	RM7HE	yes	>> 841439
34	6075	178	B	4000	70	II	RM7HE	yes	>> 841446
35	6250	178	B	4000	70	II	RM7HE	yes	>> 841453
36	6425	178	B	4000	70	II	RM7HE	yes	>> 841460
37	6575	177	B	4000	70	II	RM7HE	yes	>> 841477
39	6900	176	B	4000	70	II	RM7HE	yes	>> 841484
44	7525	171	B	4000	70	II	RM7HE	yes	>> 841491
47	8075	171	B	4000	70	II	RM7HE	yes	>> 841507
50	8575	171	B	4000	70	II	RM7HE	yes	>> 841514
52	8875	170	B	4000	70	II	RM7HE	yes	>> 841521
61	10250	168	B	4000	70	II	RM7HE	yes	>> 841538
65	10800	166	B	4000	70	II	RM7HE	yes	>> 841545
70	11550	165	B	4000	70	II	RM7HE	yes	>> 841552
76	12375	162	B	4000	70	II	RM7HE	yes	>> 841569
80	12475	155	C	4000	70	II	RM7HE	yes	>> 841576
84	12875	153	C	4000	70	II	RM7HE	yes	>> 841583
89	13375	150	C	4000	70	II	RM7HE	yes	>> 841590

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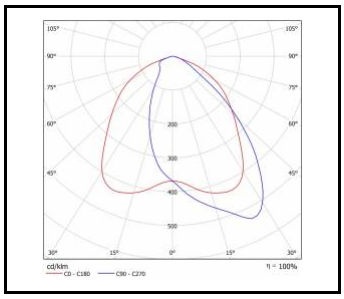
Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
99	14575	147	C	4000	70	II	RM7HE	yes	>> 841606
109	15375	141	C	4000	70	II	RM7HE	yes	>> 841613

STRADO LED S

GENERAL CARD

LUMINOUS INTENSITY DISTRIB. CURVE



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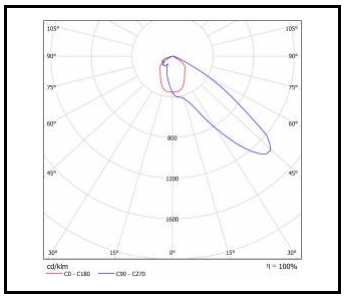

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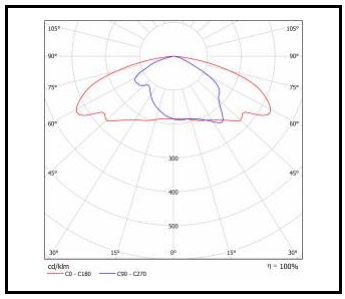

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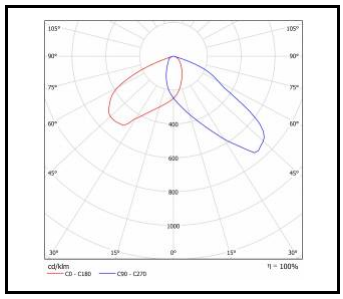

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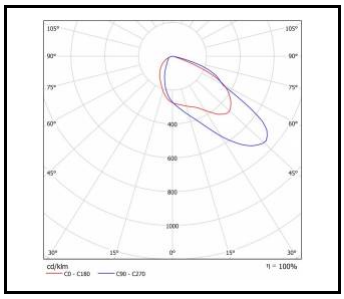

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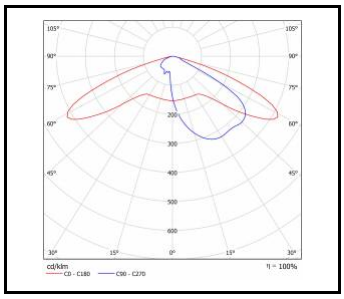

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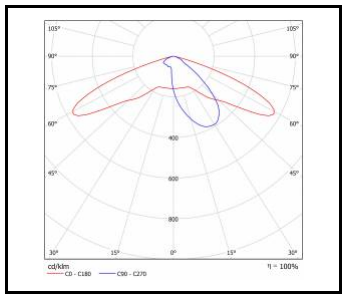

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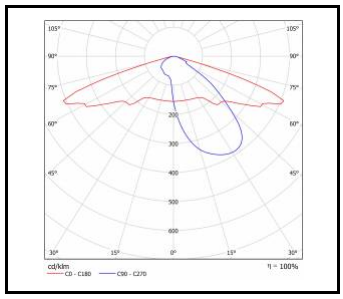

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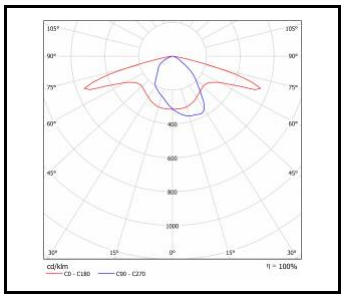

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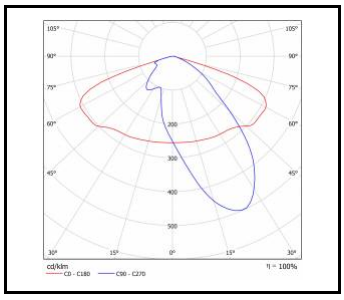

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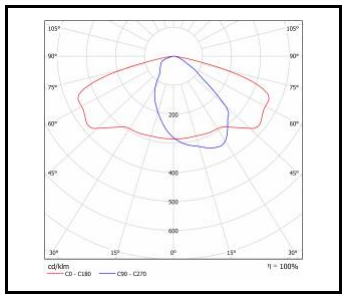

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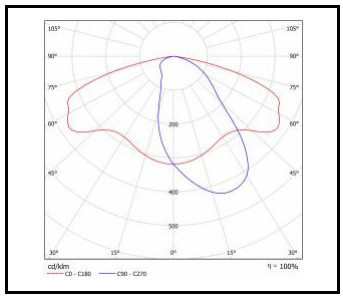

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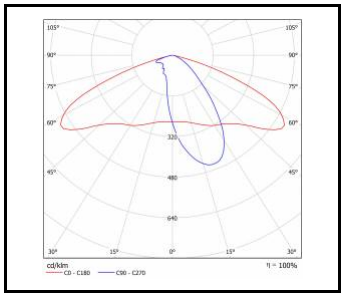

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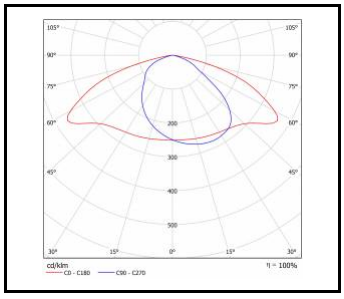

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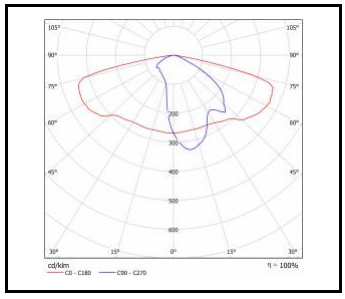

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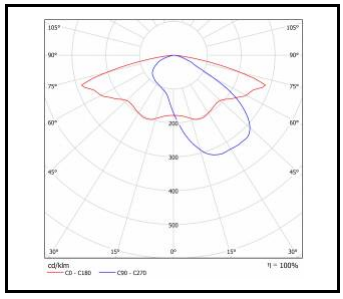

RM19

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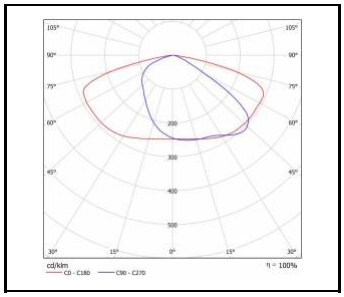

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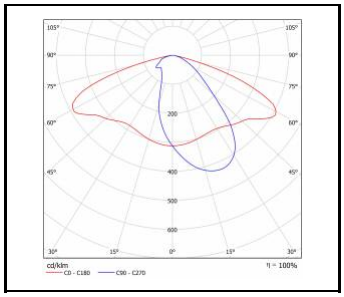

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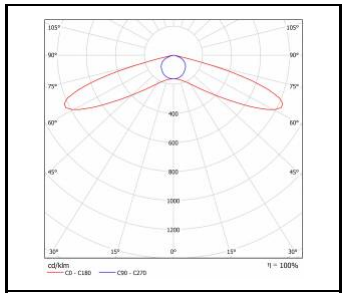

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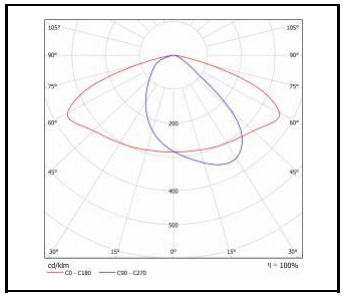

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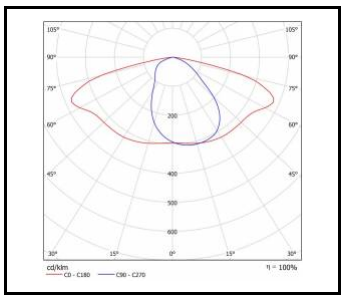

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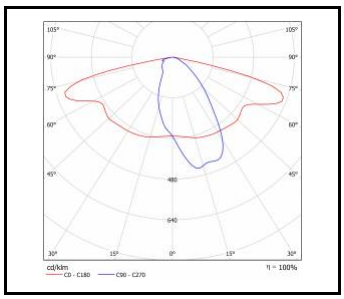

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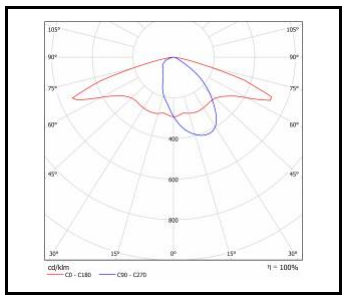

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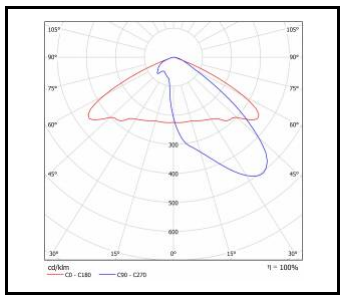

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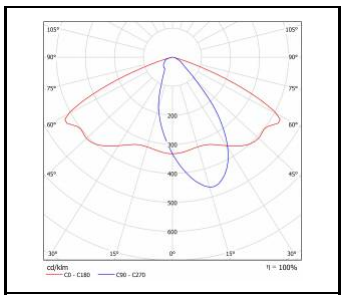

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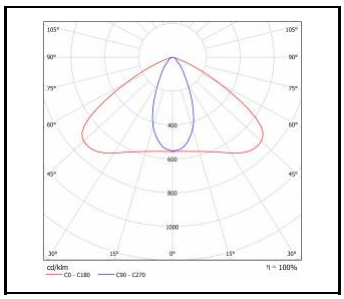

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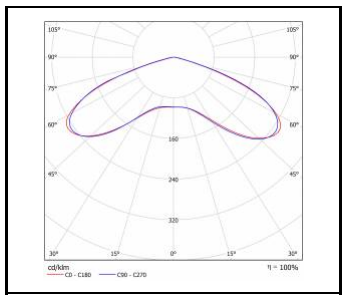

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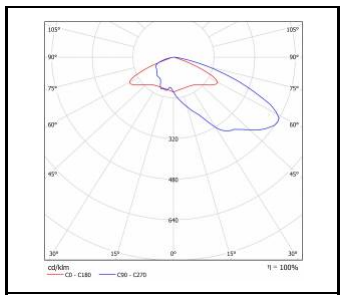

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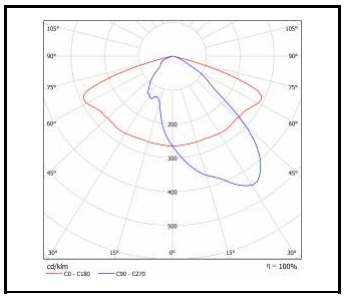

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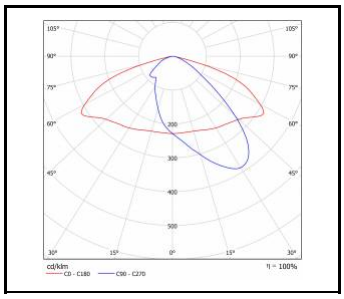

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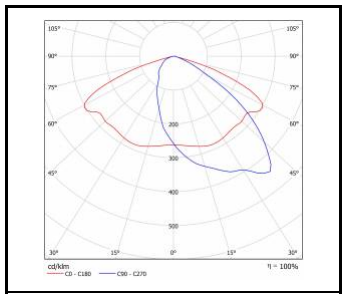

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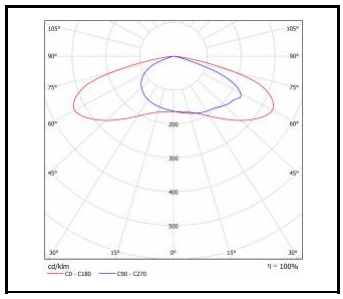

RW5

STRADO LED S

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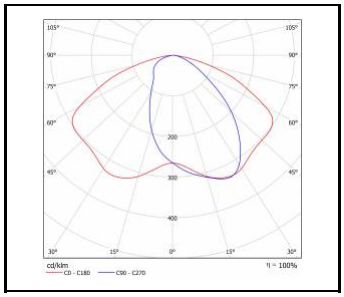

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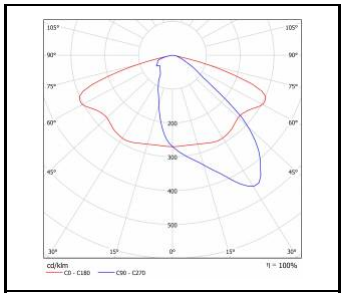

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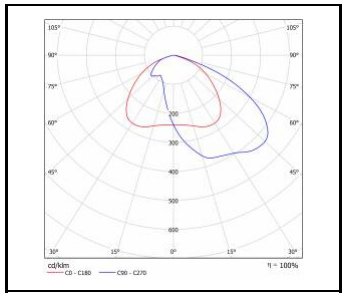

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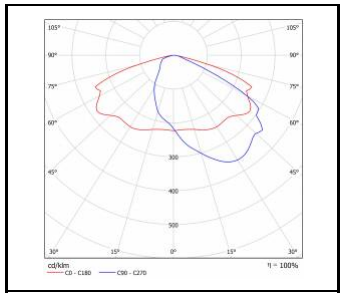

RW9

STRADO LED S

GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT
	wall holder (grey)
842139	Backshield T (back) Strado LED S RAL9006
842146	Backshield P (right) Strado LED S RAL9006
842153	Backshield L (left) Strado LED S 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: 85/2023

LENA LIGHTING

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