

STRADO LED S

GENERAL CARD



TECHNICAL PARAMETERS

Version:	S
Material of the body:	powder coated aluminium
Diffuser material:	toughened glass
Ingress protection:	IP66
Impact resistance:	IK08
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
Colour rendering index:	> 70; > 80
Beam angle adjustment [°]:	-20° to +20°
Warranty [years]:	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 IK08 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



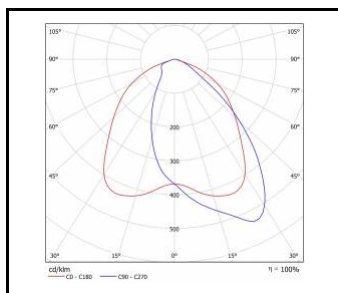
Click index >>, to see details

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Index
8	1250	156	C	4000	> 70	II	RM7	yes	>> 408007
10	1550	155	C	4000	> 70	II	RM7	yes	>> 408014
12	1825	152	C	4000	> 70	II	RM7	yes	>> 408021
14	2100	150	C	4000	> 70	II	RM7	yes	>> 408038
15	2225	148	C	4000	> 70	II	RM7	yes	>> 408045
16	2525	158	B	4000	> 70	II	RM7	yes	>> 408137
18	2850	158	B	4000	> 70	II	RM7	yes	>> 408052
21	3200	152	C	4000	> 70	II	RM7	yes	>> 408144
23	3225	140	C	4000	> 70	II	RM7	yes	>> 408069
24	3650	152	C	4000	> 70	II	RM7	yes	>> 408151
25	3475	139	C	4000	> 70	II	RM7	yes	>> 408076
26	3950	152	C	4000	> 70	II	RM7	yes	>> 408168
28	3875	138	C	4000	> 70	II	RM7	yes	>> 408083
29	4350	150	C	4000	> 70	II	RM7	yes	>> 408175
30	4050	135	D	4000	> 70	II	RM7	yes	>> 408090
31	4650	150	C	4000	> 70	II	RM7	yes	>> 408182
33	4375	133	D	4000	> 70	II	RM7	yes	>> 408106
34	5025	148	C	4000	> 70	II	RM7	yes	>> 408199
35	4675	134	D	4000	> 70	II	RM7	yes	>> 408113
36	5400	150	C	4000	> 70	II	RM7	yes	>> 408205
37	5075	137	C	4000	> 70	II	RM7	yes	>> 408120
39	5725	147	C	4000	> 70	II	RM7	yes	>> 408212
44	6325	144	C	4000	> 70	II	RM7	yes	>> 408229
47	6700	143	C	4000	> 70	II	RM7	yes	>> 408236
50	7100	142	C	4000	> 70	II	RM7	yes	>> 408243
52	7675	148	C	4000	> 70	II	RM7	yes	>> 408250
61	8325	137	C	4000	> 70	II	RM7	yes	>> 408267
65	8825	136	D	4000	> 70	II	RM7	yes	>> 408274
70	9400	134	D	4000	> 70	II	RM7	yes	>> 408281
76	10375	137	C	4000	> 70	II	RM7	yes	>> 408298
80	10450	131	D	4000	> 70	II	RM7	yes	>> 408304
84	10900	130	D	4000	> 70	II	RM7	yes	>> 408311
89	11375	128	D	4000	> 70	II	RM7	yes	>> 408328
99	12300	124	D	4000	> 70	II	RM7	yes	>> 408335
109	13200	121	D	4000	> 70	II	RM7	yes	>> 408342

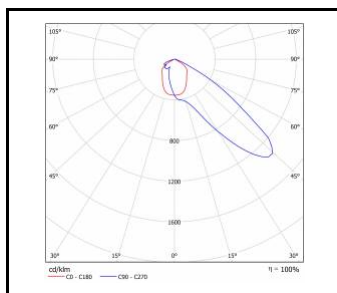
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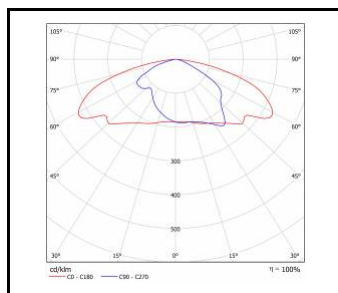
LUMINOUS INTENSITY DISTRIB. CURVE



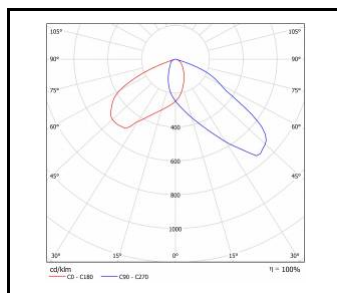
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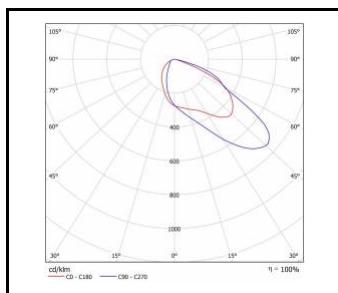
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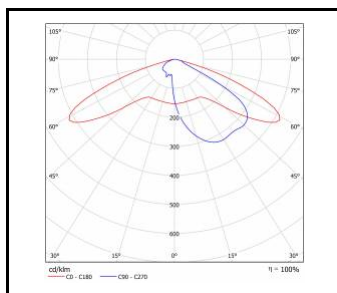
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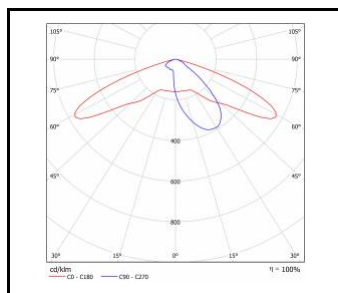
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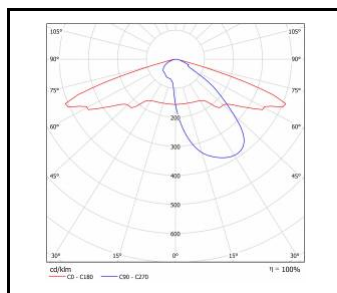
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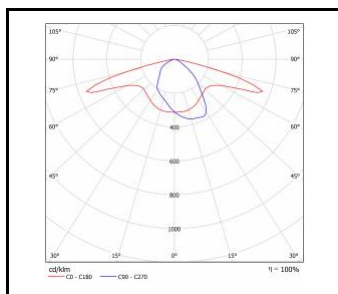
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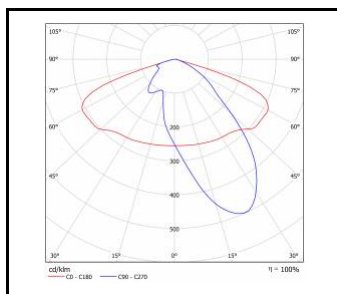
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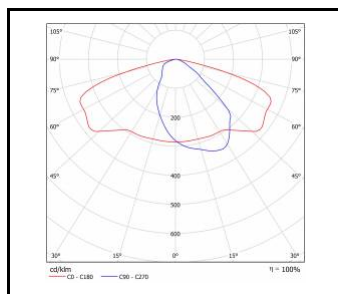
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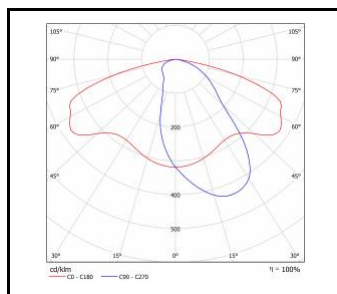
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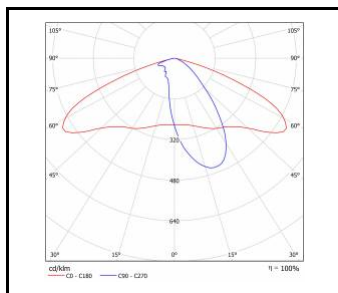
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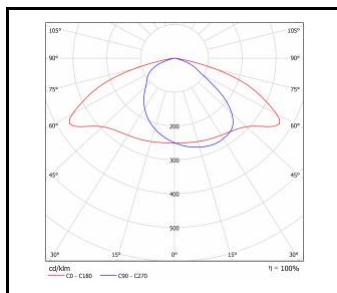
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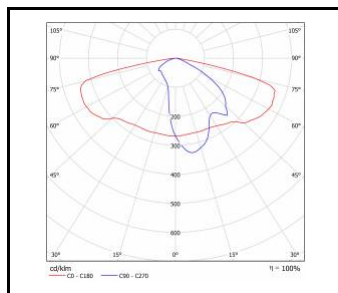
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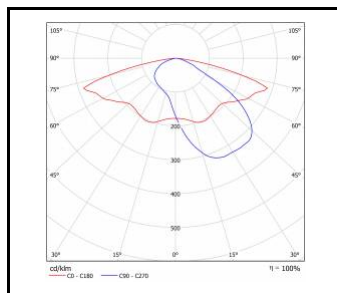
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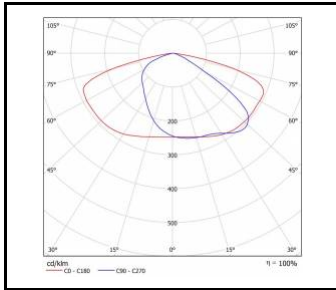
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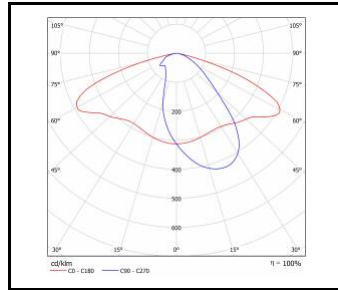
RM19

STRADO LED S

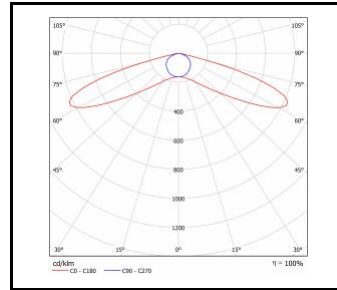
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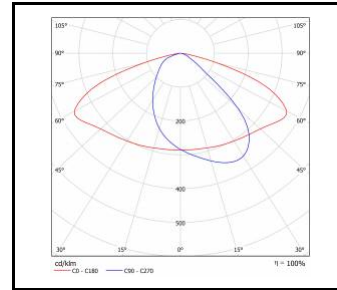
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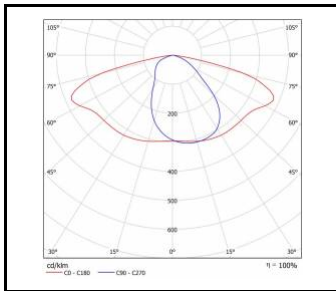
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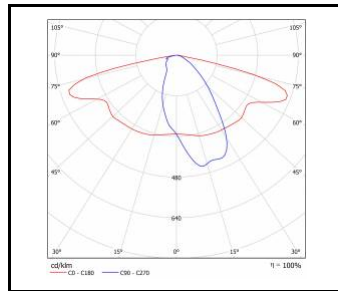
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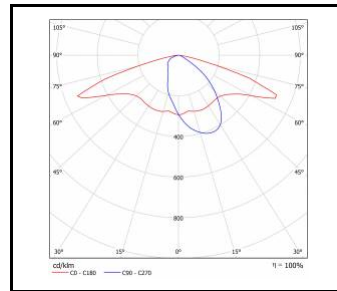
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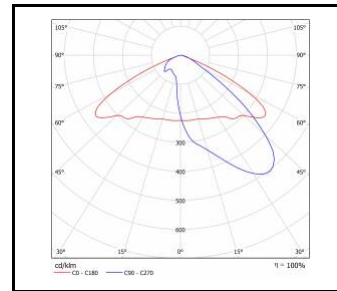
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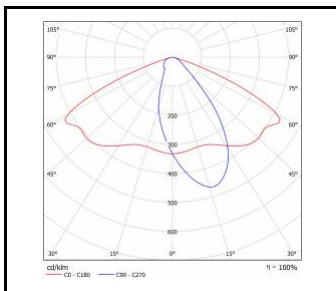
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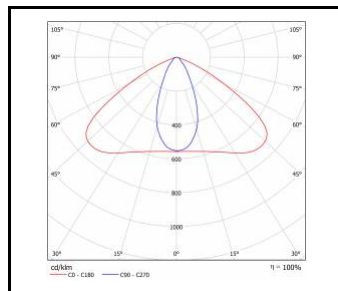
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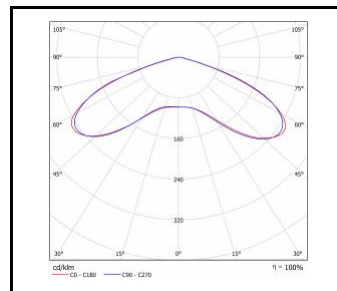
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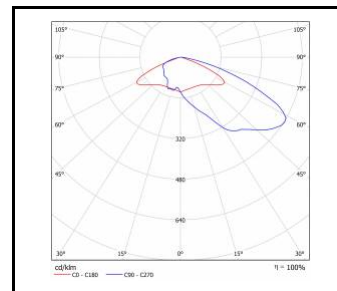
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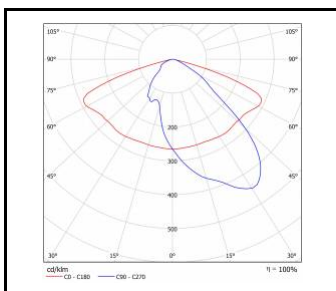
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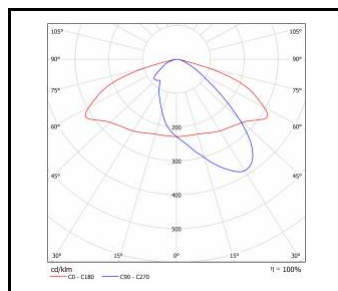
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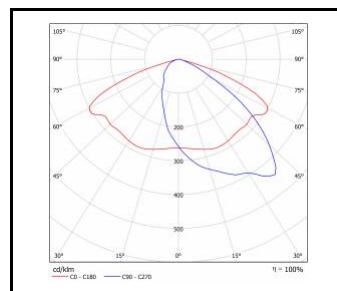
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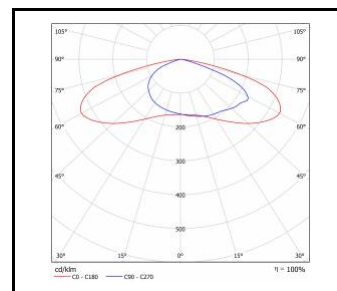
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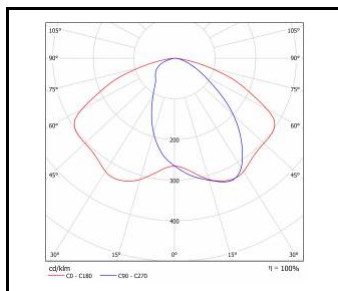
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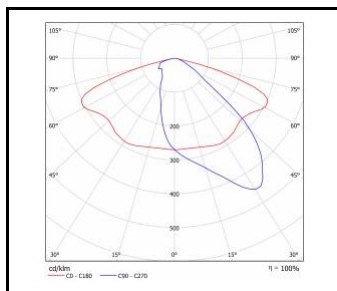
RW5

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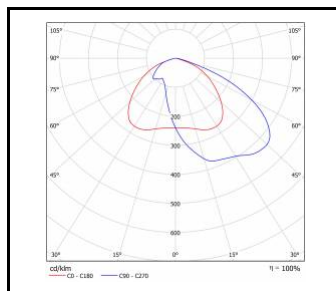
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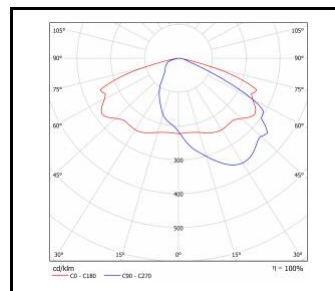
RW6



RW7



RW8



RW9

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ACCESSORIES AVAILABLE

index	Name
	wall holder (galvanized)
	wall holder (grey)



wall holder (galvanized) (314049)



wall holder (grey) (314056)

Card creation date: 31 October 2023

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 85/2023