

STRADO LED M

GENERAL CARD



TECHNICAL PARAMETERS

Version:	M; M ZHAGA
Material of the body:	powder coated aluminium
Diffuser material:	toughened 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
Colour rendering index:	> 70; > 80
Tilt angle adjustment [°]:	-20° to +20°
Technical Warranty:	5 with the possibility of extension to 10
Socket type:	ZHAGA

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

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	>> 411403
10	1550	155	C	4000	> 70	II	RM7	yes	>> 411410
12	1825	152	C	4000	> 70	II	RM7	yes	>> 411427
14	2100	150	C	4000	> 70	II	RM7	yes	>> 411434
15	2225	148	C	4000	> 70	II	RM7	yes	>> 411441
18	2850	158	B	4000	> 70	II	RM7	yes	>> 411458
20	3225	161	B	5700	> 70	II	RW10	yes	>> 411465/WLC
20	3300	165	B	4000	> 70	II	RM7	yes	>> 411465
21	3200	152	C	4000	> 70	II	RM7	yes	>> 411472
26	3950	152	C	4000	> 70	II	RM7	yes	>> 411489
30	4750	158	B	4000	> 70	II	RM7	yes	>> 411496
31	4650	150	C	4000	> 70	II	RM7	yes	>> 411502
32	5250	164	B	4000	> 70	II	RM7	yes	>> 411519
34	5400	159	B	4000	> 70	II	RM7	yes	>> 411526
35	5675	162	B	4000	> 70	II	RM7	yes	>> 411533
36	5400	150	C	4000	> 70	II	RM7	yes	>> 411540
39	6375	164	B	4000	> 70	II	RM7	yes	>> 411564
43	6975	162	B	4000	> 70	II	RM7	yes	>> 411571
49	7900	161	B	4000	> 70	II	RM7	yes	>> 411588
52	7675	148	C	4000	> 70	II	RM7	yes	>> 411595
54	8475	157	C	4000	> 70	II	RM7	yes	>> 411601
59	9350	159	B	4000	> 70	II	RM7	yes	>> 411618
63	9925	158	B	4000	> 70	II	RM7	yes	>> 411625
69	10825	157	C	4000	> 70	II	RM7	yes	>> 411632
76	10375	137	C	4000	> 70	II	RM7	yes	>> 411649
78	11500	147	C	4000	> 70	II	RM7	yes	>> 411656
85	12350	145	C	4000	> 70	II	RM7	yes	>> 411663
85	12350	145	C	4000	> 70	II	RM14		>> 411663/DS
89	12925	145	C	4000	> 70	II	RM7	yes	>> 411670
94	13650	145	C	4000	> 70	II	RM7	yes	>> 411687
94	13650	145	C	4000	> 70	II	RM7	yes	>> 411687/MIE
98	14225	145	C	4000	> 70	II	RM7	yes	>> 411694
110	14950	136	D	4000	> 70	II	RM7	yes	>> 411700
118	15725	133	D	4000	> 70	II	RM7	yes	>> 411717
126	16875	134	D	4000	> 70	II	RM7	yes	>> 411724

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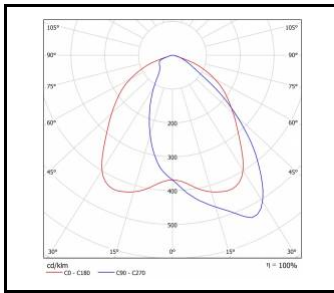
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140	18500	132	D	4000	> 70	II	RM7	yes	>> 411731
157	20125	128	D	4000	> 70	II	RM7	yes	>> 411748

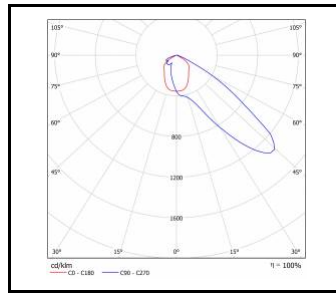
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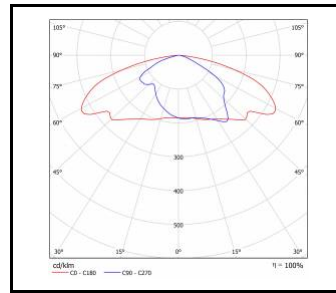
LUMINOUS INTENSITY DISTRIB. CURVE



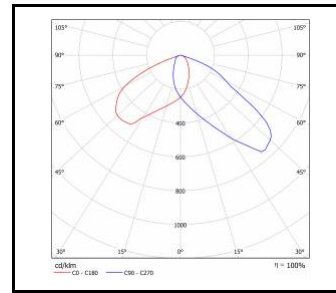
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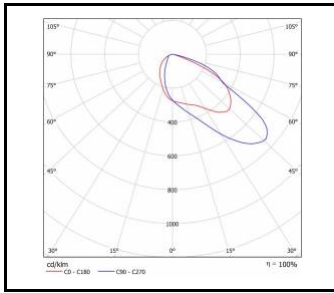
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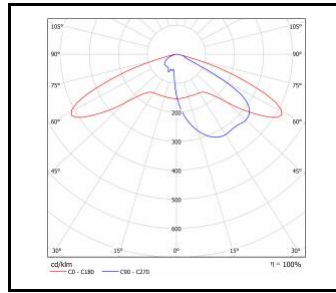
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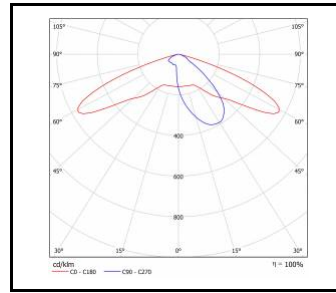
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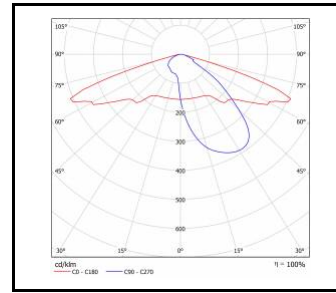
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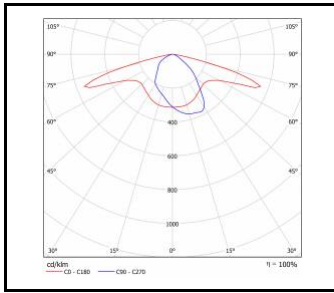
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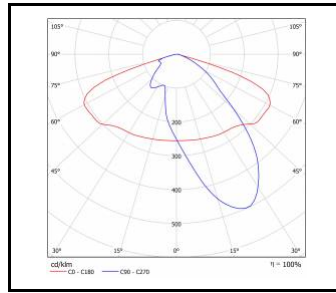
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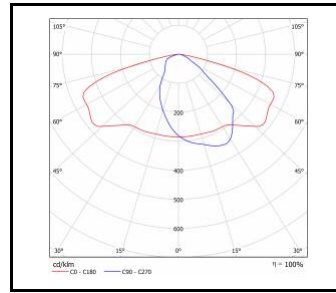
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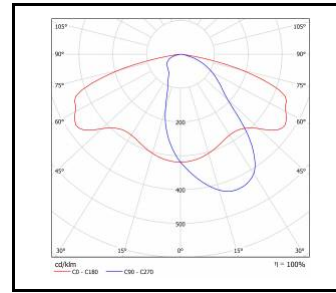
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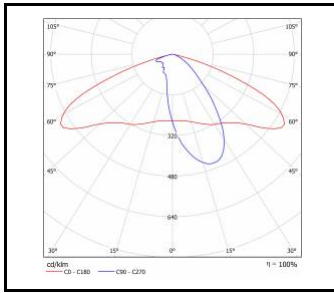
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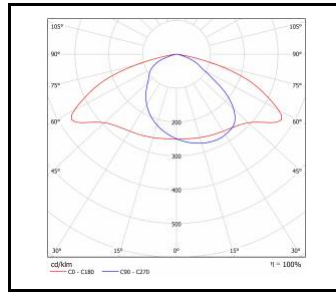
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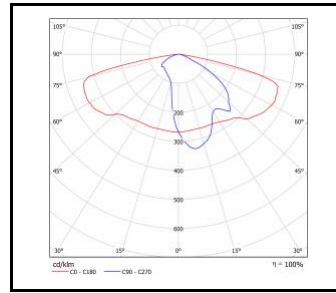
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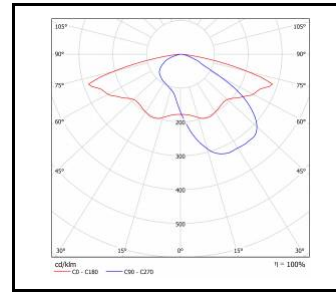
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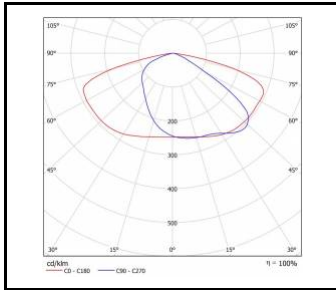
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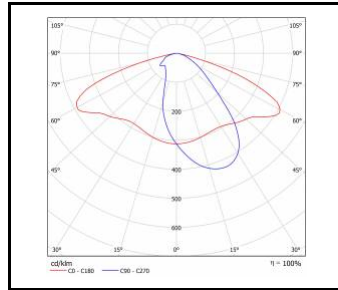
RM19

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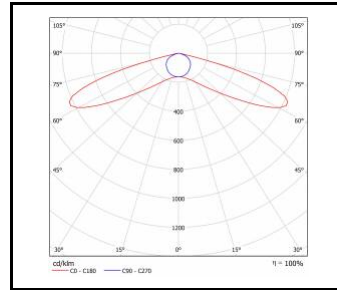
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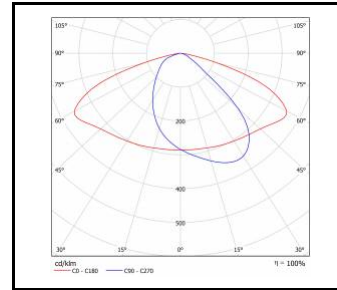
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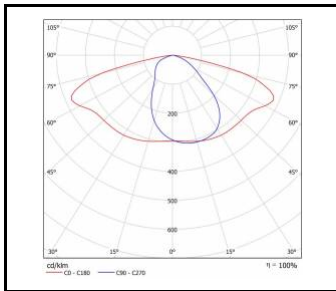
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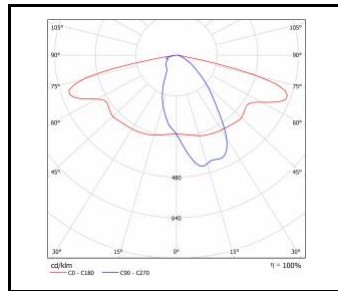
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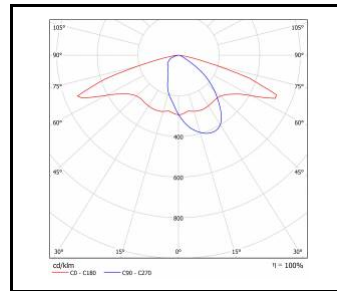
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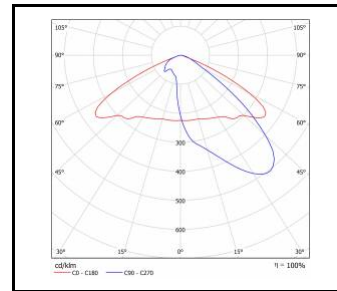
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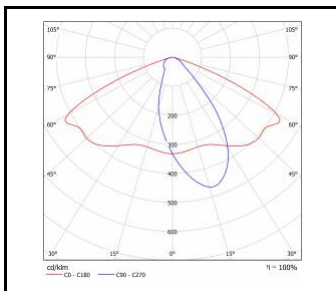
RM8+



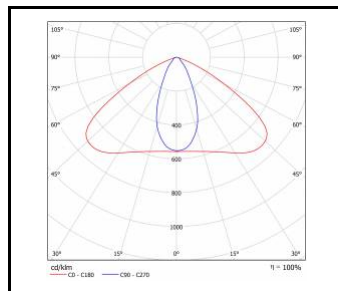
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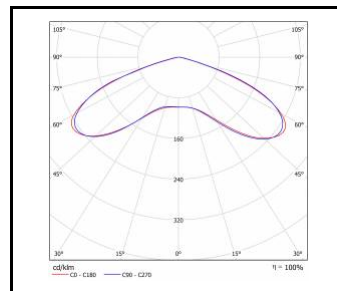
RMW



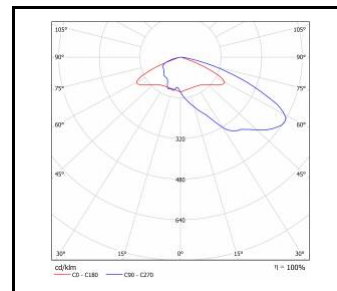
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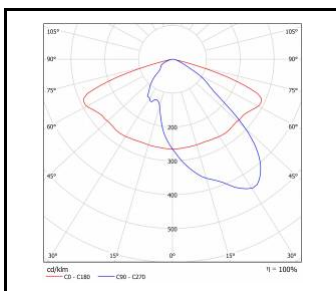
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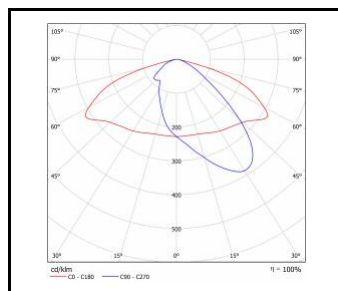
RP



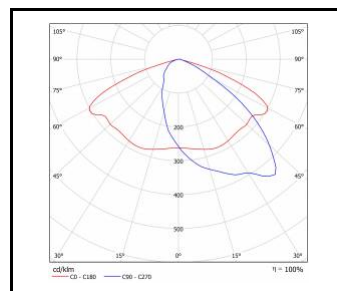
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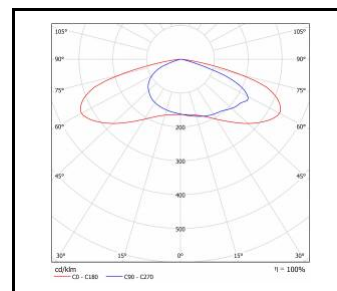
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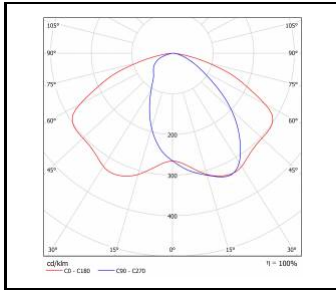
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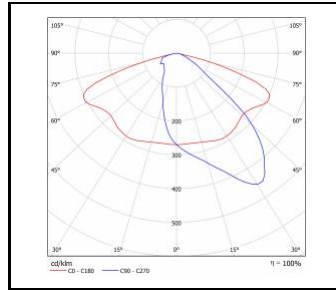
RW5

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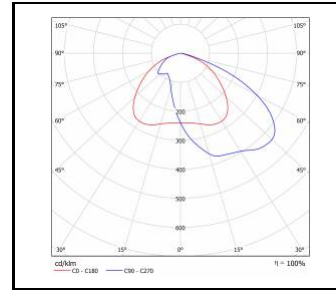
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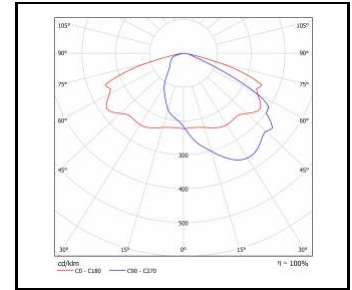
RW6



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: 06 March 2025

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: 86/2023