

# STRADO LED M

GENERAL CARD



## TECHNICAL PARAMETERS

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



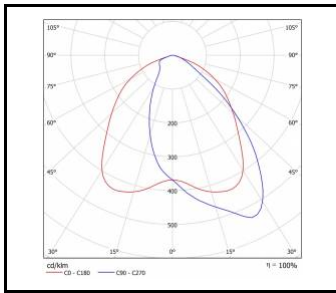
Click index >>, to see details

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	<a href="#">&gt;&gt; 411403</a>
10	1550	155	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411410</a>
12	1825	152	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411427</a>
14	2100	150	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411434</a>
15	2225	148	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411441</a>
18	2850	158	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411458</a>
20	3300	165	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411465</a>
21	3200	152	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411472</a>
26	3950	152	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411489</a>
30	4750	158	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411496</a>
31	4650	150	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411502</a>
32	5250	164	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411519</a>
34	5400	159	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411526</a>
35	5675	162	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411533</a>
36	5400	150	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411540</a>
39	6375	164	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411564</a>
43	6975	162	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411571</a>
49	7900	161	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411588</a>
52	7675	148	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411595</a>
54	8475	157	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411601</a>
59	9350	159	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411618</a>
63	9925	158	B	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411625</a>
69	10825	157	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411632</a>
76	10375	137	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411649</a>
78	11500	147	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411656</a>
85	12350	145	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411663</a>
89	12925	145	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411670</a>
94	13650	145	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411687</a>
98	14225	145	C	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411694</a>
110	14950	136	D	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411700</a>
118	15725	133	D	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411717</a>
126	16875	134	D	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411724</a>
140	18500	132	D	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411731</a>
157	20125	128	D	4000	> 70	II	RM7	yes	<a href="#">&gt;&gt; 411748</a>

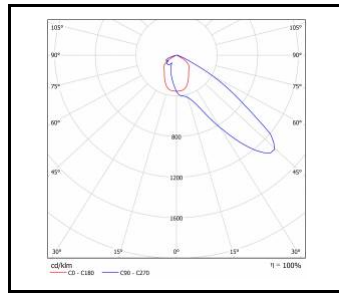
# STRADO LED M

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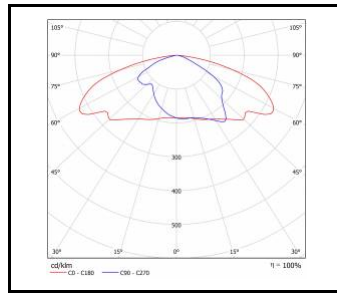
### LUMINOUS INTENSITY DISTRIB. CURVE



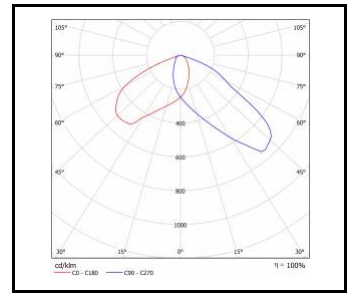
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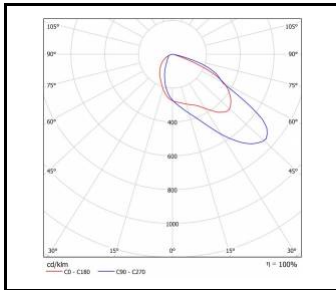
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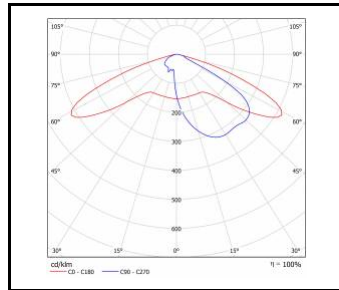
ASW



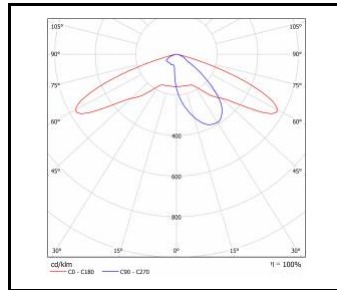
PL1



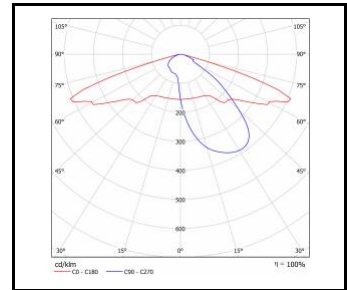
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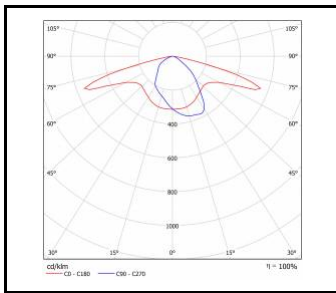
RM10



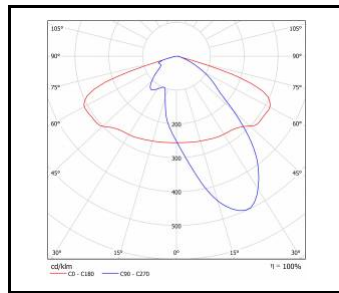
RM11



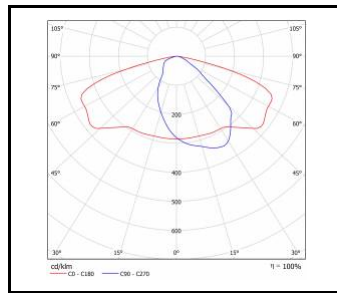
RM11+



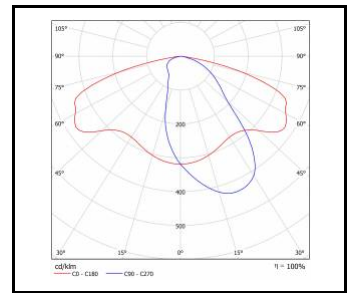
RM12



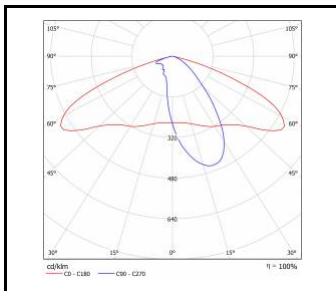
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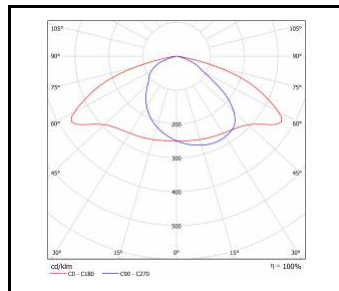
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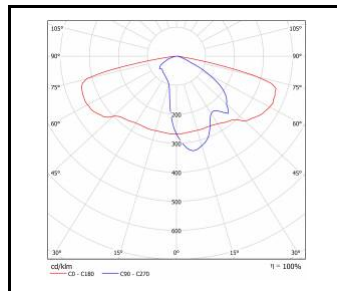
RM15



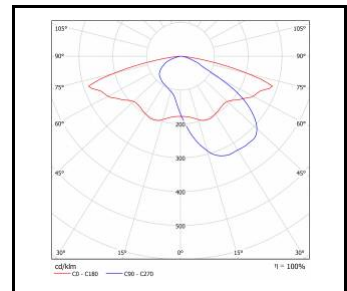
RM16



RM17



RM18+

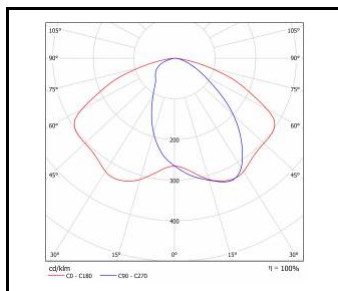


RM19

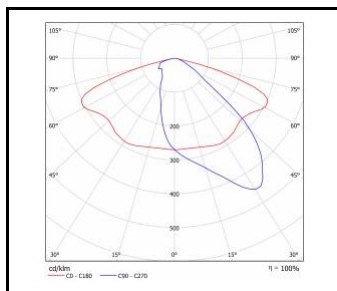


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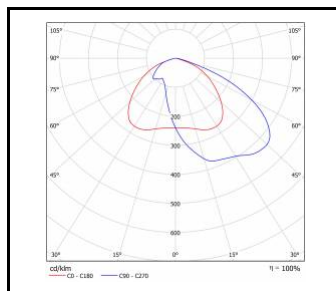
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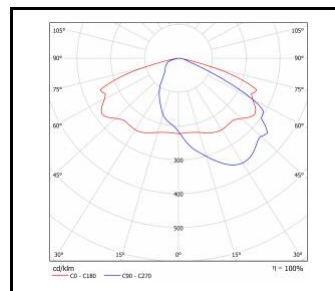
RW6



RW7



RW8



RW9

# STRADO LED M

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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: 29 November 2024

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