

STRADO LED XS

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK09; IK10
Rated power of the luminaire [W]*:	8.00 - 54.00
Luminous flux [lm]*:	975 - 7500
Colour temperature [K]:	4000
Colour rendering index:	> 70
Electrical protection class:	II
Optics:	RM7
Control:	Yes + 5-stage power reduction
Colour of the body:	grey
Luminous efficacy [lm/W]:	122.00 - 155.00
Energy efficiency class:	C; D
Material of the body:	aluminium
Diffuser type:	transparent
Diffuser material:	toughened glass
Optics material:	PMMA
SDCM:	≤ 4

CHARACTERISTICS

Strado LED XS 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 155 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 IK09, 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, Zhaga D4i, ENEC, ENEC+.

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.

STRADO LED XS

GENERAL CARD

AVAILABLE VERSIONS



Click index >>, to see details

STRADO LED XS IK09

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Colour rendering index	Impact resistance	DIMM DALI	Vandalproof	Control	Protection type	Index
8	975	122	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872730
10	1250	125	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872747
12	1775	148	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872754
14	2000	143	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872761
15	2200	147	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872778
16	2425	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872785
18	2700	150	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872792
21	3200	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872808
23	3575	155	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872815
24	3650	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872839
25	3800	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872822
26	3950	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872853
28	4300	154	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872846
29	4475	154	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872877
30	4525	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872860
31	4675	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872891
33	4975	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872884
34	5125	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872914
35	5250	150	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872907
36	5400	150	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872938
37	5575	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872921

STRADO LED XS

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Colour rendering index	Impact resistance	DIMM DALI	Vandalproof	Control	Protection type	Index
39	5525	142	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872945
44	6025	137	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872952
47	6425	137	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872969
50	6825	137	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872976
52	7050	136	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872983
54	7500	139	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	>> 872990

STRADO LED XS IK10

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Colour rendering index	Impact resistance	DIMM DALI	Vandalproof	Control	Protection type	Index
8	975	122	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870507
10	1250	125	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870514
12	1775	148	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870521
14	2000	143	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870538
15	2200	147	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870545
16	2425	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870552
18	2700	150	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870569
21	3200	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870576
23	3575	155	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870583
24	3650	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870590
25	3800	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870606
26	3950	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870613
28	4300	154	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870620
29	4475	154	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870637
30	4525	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870644
31	4675	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870651

STRADO LED XS

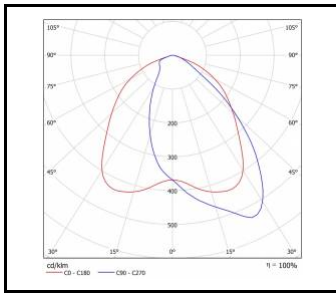
GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Colour rendering index	Impact resistance	DIMM DALI	Vandalproof	Control	Protection type	Index
33	4975	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870668
34	5125	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870675
35	5250	150	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870682
36	5400	150	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870699
37	5575	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870705
39	5525	142	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870712
44	6025	137	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870729
47	6425	137	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870736
50	6825	137	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870743
52	7050	136	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870750
54	7500	139	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	>> 870767

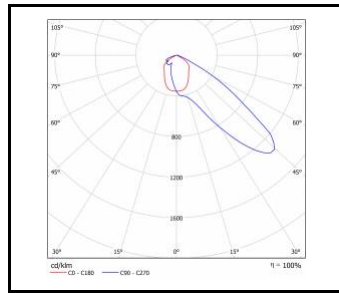
STRADO LED XS

GENERAL CARD

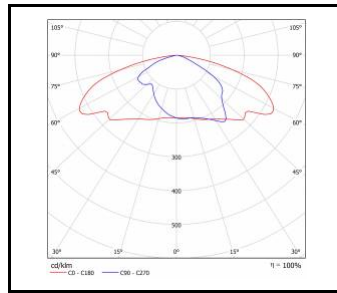
LUMINOUS INTENSITY DISTRIB. CURVE



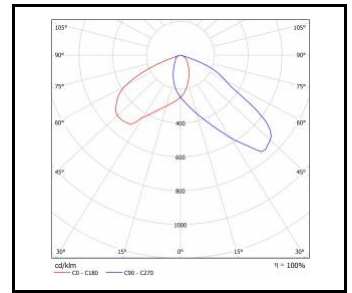
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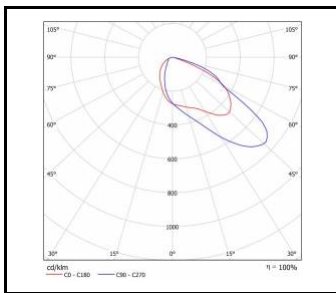
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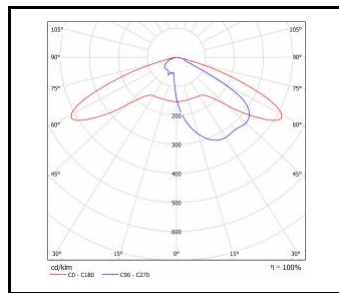
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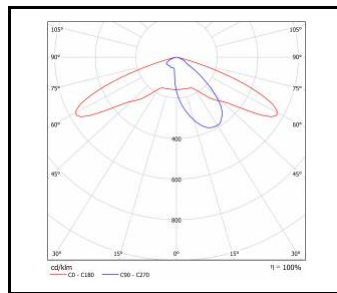
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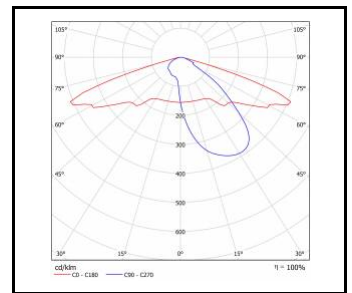
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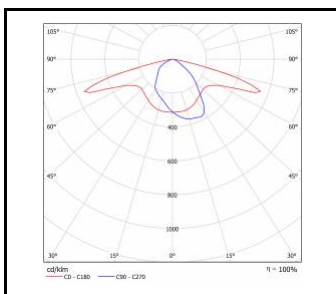
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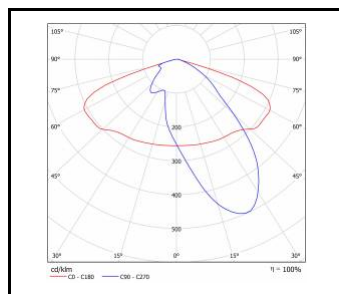
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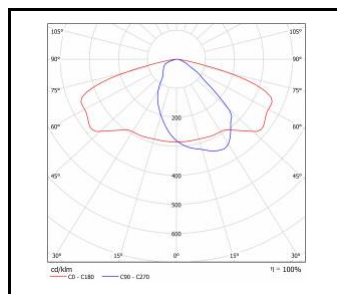
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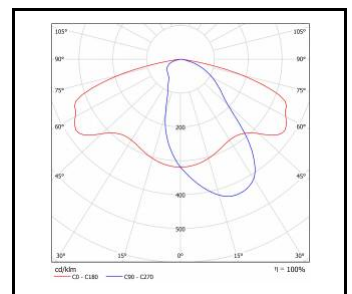
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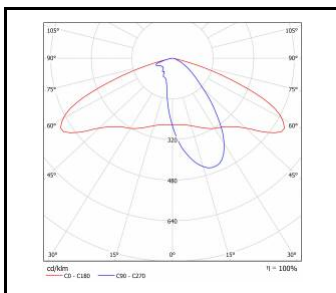
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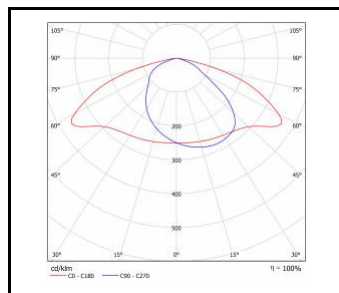
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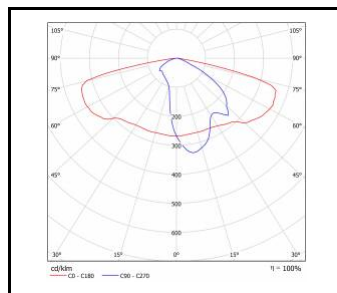
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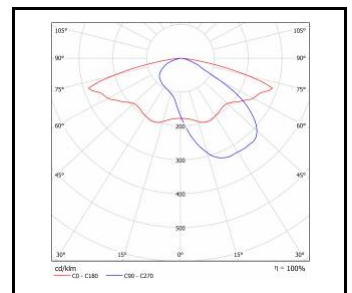
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RM17



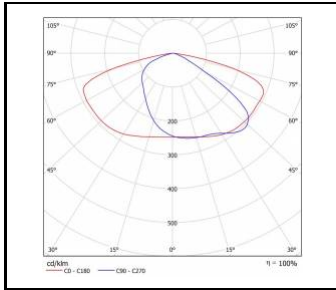
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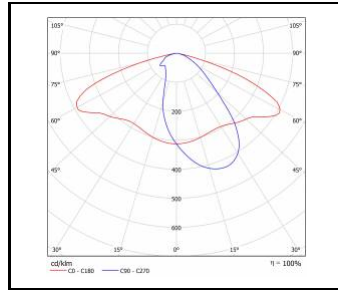
RM19

STRADO LED XS

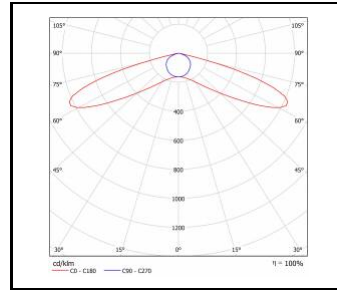
GENERAL CARD



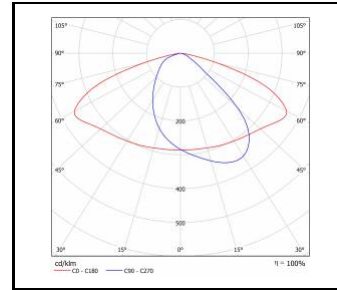
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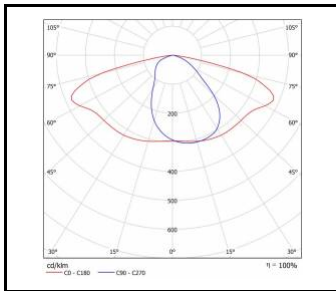
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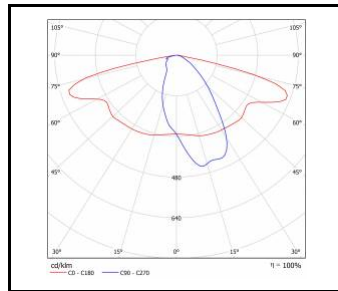
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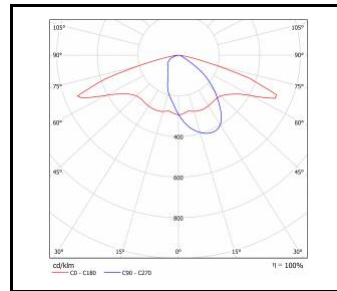
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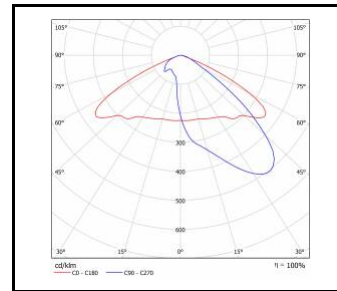
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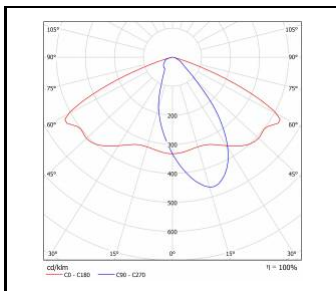
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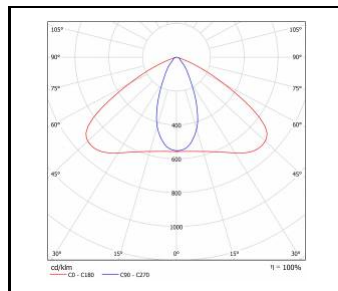
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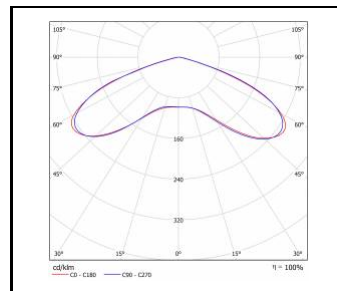
RMW



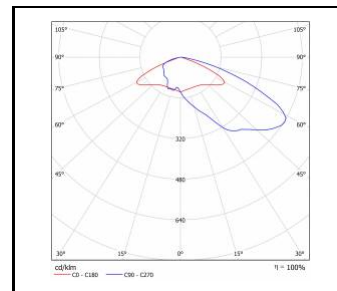
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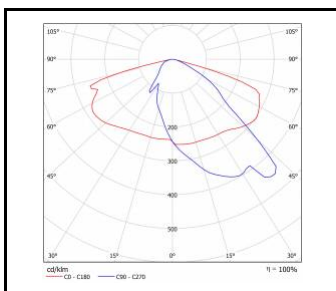
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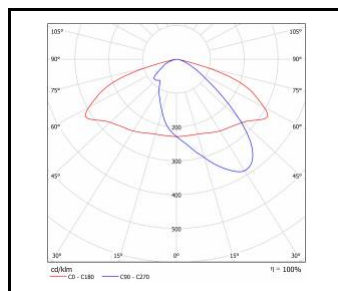
RP



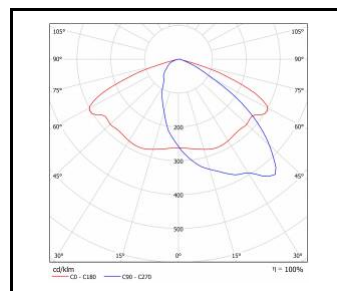
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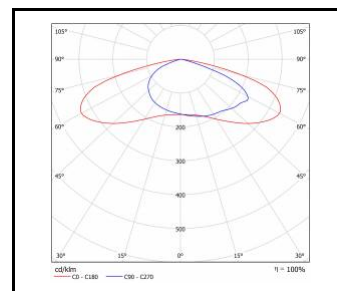
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RW3



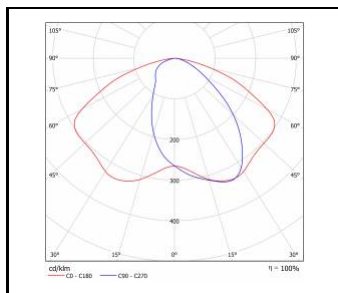
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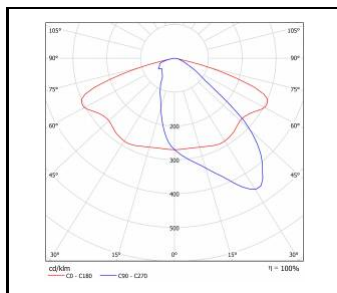
RW5

STRADO LED XS

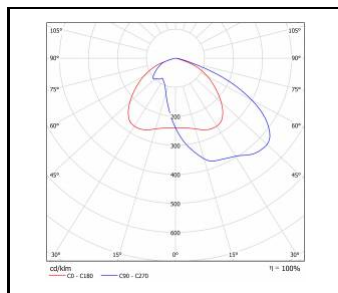
GENERAL CARD



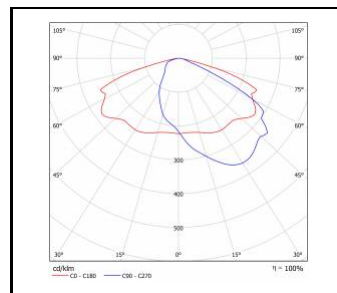
RW6



RW7



RW8



RW9

STRADO LED XS

GENERAL CARD

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: 76/2024