

# STRADO LED XS

GENERAL CARD



## TECHNICAL PARAMETERS

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

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## 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	<a href="#">&gt;&gt; 872730</a>
10	1250	125	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872747</a>
12	1775	148	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872754</a>
14	2000	143	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872761</a>
15	2200	147	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872778</a>
16	2425	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872785</a>
18	2700	150	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872792</a>
21	3200	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872808</a>
23	3575	155	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872815</a>
24	3650	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872839</a>
25	3800	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872822</a>
26	3950	152	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872853</a>
28	4300	154	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872846</a>
29	4475	154	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872877</a>
30	4525	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872860</a>
31	4675	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872891</a>
33	4975	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872884</a>
34	5125	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872914</a>
35	5250	150	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872907</a>
36	5400	150	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872938</a>
37	5575	151	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872921</a>

# 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	<a href="#">&gt;&gt; 872945</a>
44	6025	137	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872952</a>
47	6425	137	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872969</a>
50	6825	137	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872976</a>
52	7050	136	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872983</a>
54	7500	139	4000	> 70	IK09		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 872990</a>

## 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	<a href="#">&gt;&gt; 870507</a>
10	1250	125	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870514</a>
12	1775	148	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870521</a>
14	2000	143	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870538</a>
15	2200	147	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870545</a>
16	2425	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870552</a>
18	2700	150	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870569</a>
21	3200	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870576</a>
23	3575	155	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870583</a>
24	3650	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870590</a>
25	3800	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870606</a>
26	3950	152	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870613</a>
28	4300	154	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870620</a>
29	4475	154	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870637</a>
30	4525	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870644</a>
31	4675	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870651</a>

# STRADO LED XS

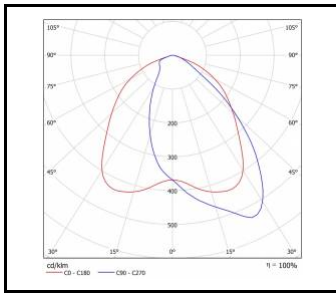
## GENERAL CARD

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	<a href="#">&gt;&gt; 870668</a>
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35	5250	150	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870682</a>
36	5400	150	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870699</a>
37	5575	151	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870705</a>
39	5525	142	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870712</a>
44	6025	137	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870729</a>
47	6425	137	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870736</a>
50	6825	137	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870743</a>
52	7050	136	4000	> 70	IK10		yes	Yes + 5-stage power reduction	NTC + ESD	<a href="#">&gt;&gt; 870750</a>
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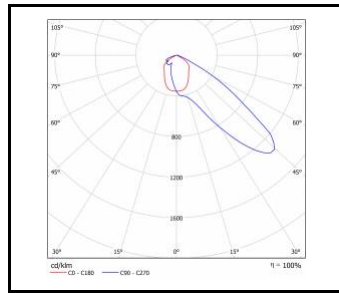
# STRADO LED XS

## GENERAL CARD

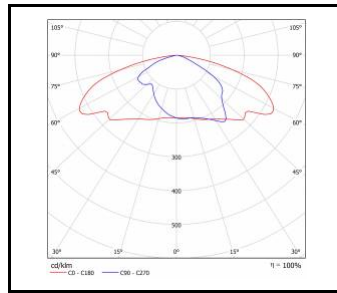
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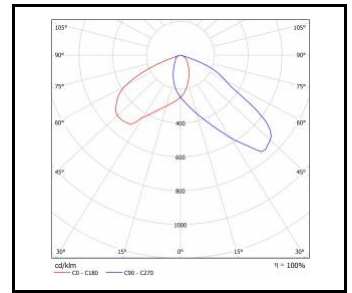
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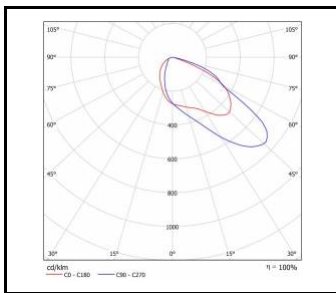
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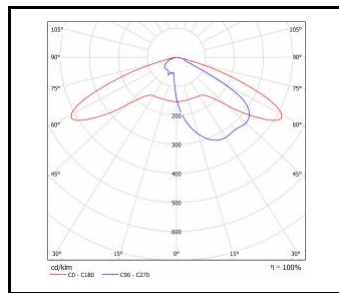
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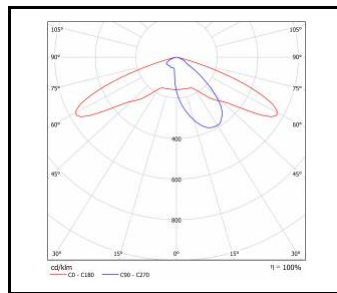
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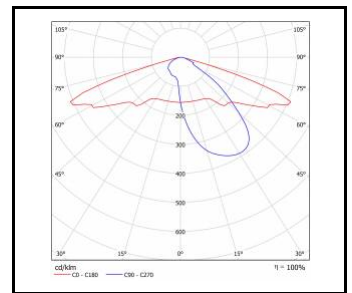
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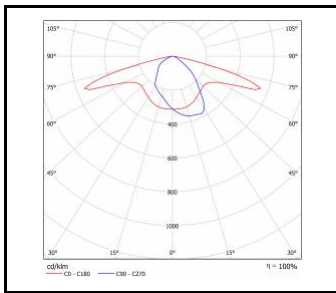
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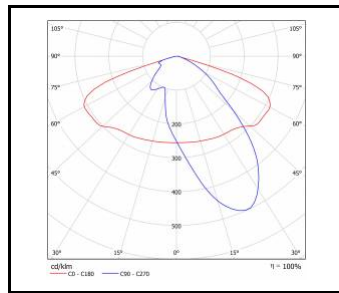
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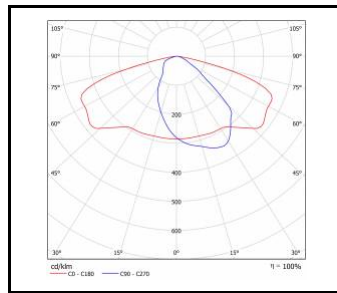
RM11+



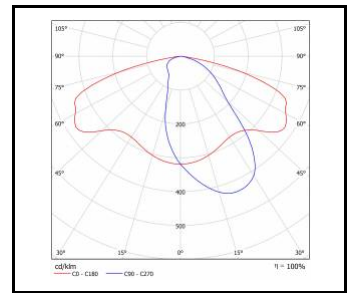
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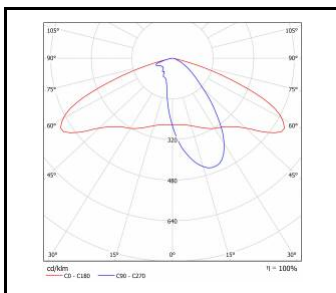
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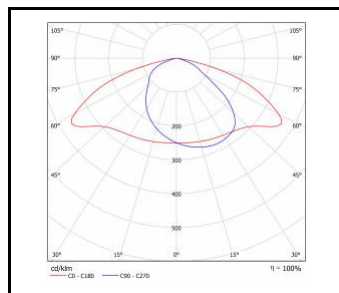
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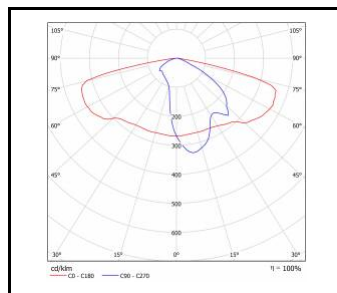
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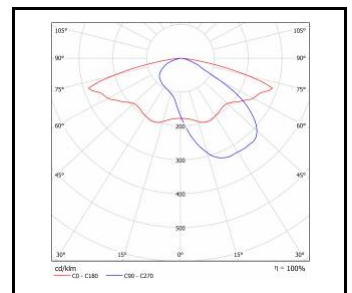
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RM17



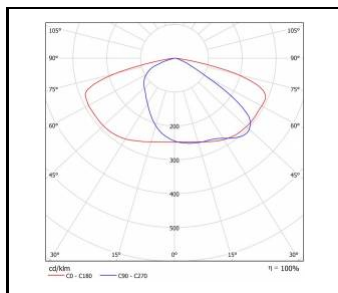
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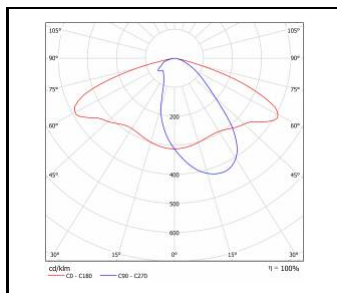
RM19

# STRADO LED XS

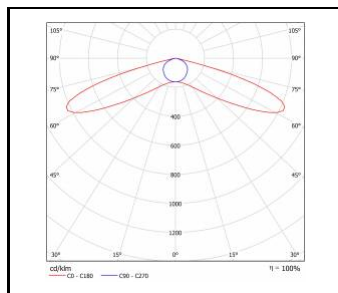
## GENERAL CARD



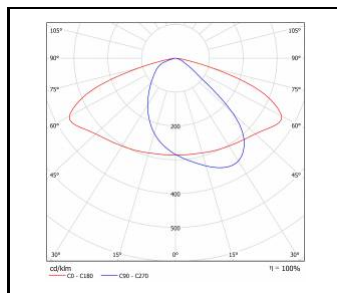
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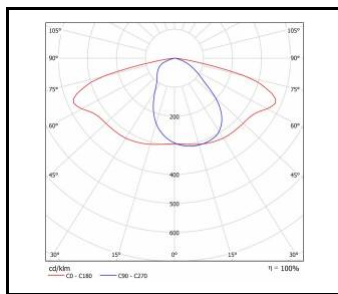
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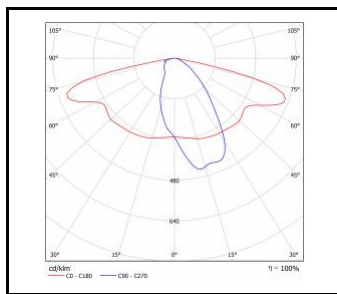
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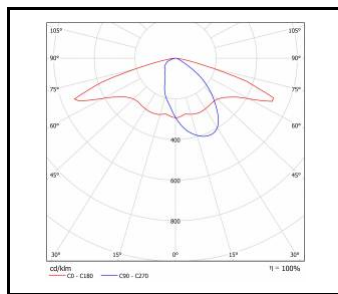
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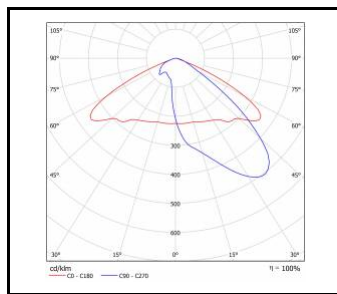
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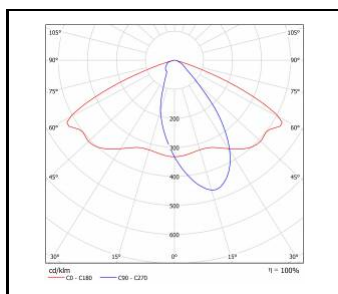
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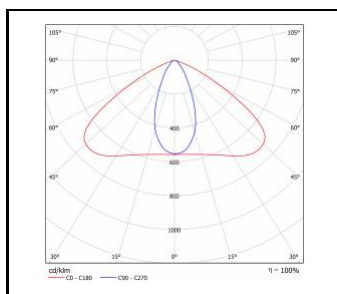
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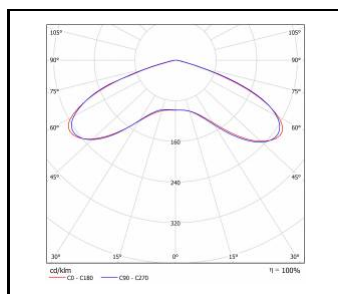
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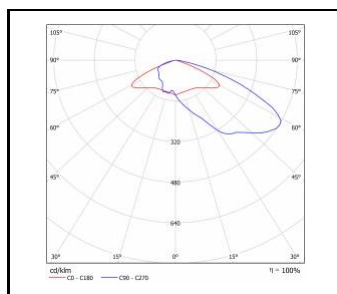
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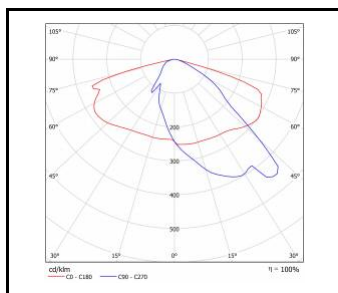
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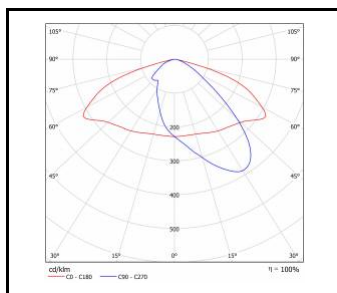
RP



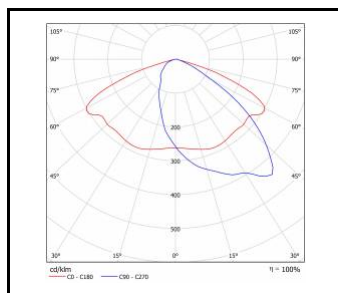
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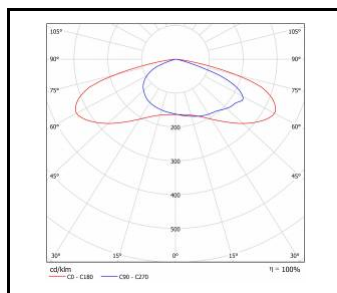
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RW3



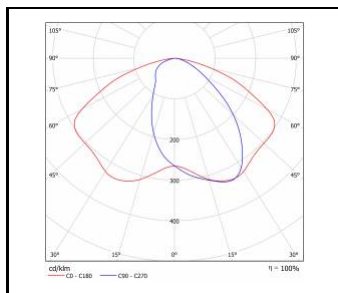
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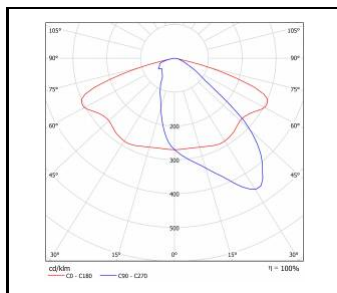
RW5

# STRADO LED XS

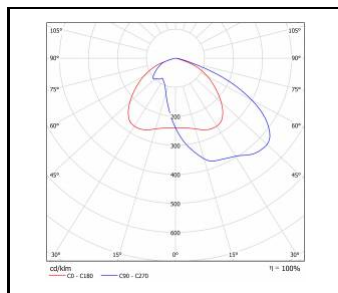
## GENERAL CARD



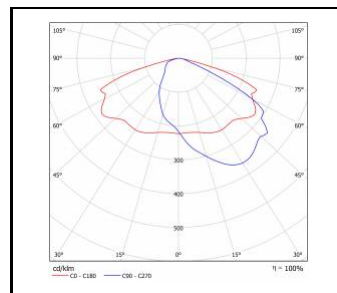
RW6



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