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]*:	1250 - 7900
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	II
Optics:	RM7; RM7HE
Control:	5-stage power reduction
Colour of the body:	gray RAL 9006
Luminous efficacy [lm/W]:	141.00 - 168.00
Energy efficiency class:	B; C
Material of the body:	powder coated aluminium
Diffuser type:	transparent
Diffuser material:	tempered glass
Optics material:	PMMA; PMMA + PC
SDCM:	4; 5
DIMM 1-10V:	yes

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]	Color rendering index (Ra) >	Optics	Impact resistance	DIMM DALI	Vandalproof	Index
8	1250	156	4000	70	RM7	IK09		yes	>> 872730
10	1550	155	4000	70	RM7	IK09		yes	>> 872747
12	1800	150	4000	70	RM7	IK09		yes	>> 872754
14	2050	146	4000	70	RM7	IK09		yes	>> 872761
15	2250	150	4000	70	RM7	IK09		yes	>> 872778
16	2450	153	4000	70	RM7	IK09		yes	>> 872785
18	2775	154	4000	70	RM7	IK09		yes	>> 872792
21	3225	153	4000	70	RM7	IK09		yes	>> 872808
23	3600	156	4000	70	RM7	IK09		yes	>> 872815
24	3700	154	4000	70	RM7	IK09		yes	>> 872839
25	3825	153	4000	70	RM7	IK09		yes	>> 872822
26	3975	152	4000	70	RM7	IK09		yes	>> 872853
28	4350	155	4000	70	RM7	IK09		yes	>> 872846
29	4500	155	4000	70	RM7	IK09		yes	>> 872877
30	4600	153	4000	70	RM7	IK09		yes	>> 872860
31	4725	152	4000	70	RM7	IK09		yes	>> 872891
33	5000	151	4000	70	RM7	IK09		yes	>> 872884
34	5150	151	4000	70	RM7	IK09		yes	>> 872914
35	5300	151	4000	70	RM7	IK09		yes	>> 872907
36	5450	156	4000	70	RM7	IK09		yes	>> 872938
37	5600	151	4000	70	RM7	IK09		yes	>> 872921
39	5800	148	4000	70	RM7	IK09		yes	>> 872945
44	6475	147	4000	70	RM7	IK09		yes	>> 872952
47	6750	143	4000	70	RM7	IK09		yes	>> 872969
50	7125	142	4000	70	RM7	IK09		yes	>> 872976
52	7400	142	4000	70	RM7	IK09		yes	>> 872983
54	7625	141	4000	70	RM7	IK09		yes	>> 872990

STRADO LED XS IK10

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Color rendering index (Ra) >	Optics	Impact resistance	DIMM DALI	Vandalproof	Index
8	1250	156	4000	70	RM7	IK10		yes	>> 870507
10	1550	155	4000	70	RM7	IK10		yes	>> 870514
12	1800	150	4000	70	RM7	IK10		yes	>> 870521

STRADO LED XS

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Color rendering index (Ra) >	Optics	Impact resistance	DIMM DALI	Vandalproof	Index
14	2050	146	4000	70	RM7	IK10		yes	>> 870538
15	2250	150	4000	70	RM7	IK10		yes	>> 870545
16	2450	153	4000	70	RM7	IK10		yes	>> 870552
18	2775	154	4000	70	RM7	IK10		yes	>> 870569
21	3225	153	4000	70	RM7	IK10		yes	>> 870576
23	3600	156	4000	70	RM7	IK10		yes	>> 870583
24	3700	154	4000	70	RM7	IK10		yes	>> 870590
25	3825	153	4000	70	RM7	IK10		yes	>> 870606
26	3975	152	4000	70	RM7	IK10		yes	>> 870613
28	4350	155	4000	70	RM7	IK10		yes	>> 870620
29	4500	155	4000	70	RM7	IK10		yes	>> 870637
30	4600	153	4000	70	RM7	IK10		yes	>> 870644
31	4725	152	4000	70	RM7	IK10		yes	>> 870651
33	5000	151	4000	70	RM7	IK10		yes	>> 870668
34	5150	151	4000	70	RM7	IK10		yes	>> 870675
35	5300	151	4000	70	RM7	IK10		yes	>> 870682
36	5400	150	4000	70	RM7	IK10		yes	>> 870699
37	5600	151	4000	70	RM7	IK10		yes	>> 870705
39	5800	148	4000	70	RM7	IK10		yes	>> 870712
44	6475	147	4000	70	RM7	IK10		yes	>> 870729
47	6750	143	4000	70	RM7	IK10		yes	>> 870736
50	7125	142	4000	70	RM7	IK10		yes	>> 870743
52	7400	142	4000	70	RM7	IK10		yes	>> 870750
54	7625	141	4000	70	RM7	IK10		yes	>> 870767
8	1300	162	4000	70	RM7HE	IK10	yes		>> 841002
10	1650	165	4000	70	RM7HE	IK10	yes		>> 841019
12	2025	168	4000	70	RM7HE	IK10	yes		>> 841026
14	2350	167	4000	70	RM7HE	IK10	yes		>> 841033
15	2450	163	4000	70	RM7HE	IK10	yes		>> 841040
16	2675	167	4000	70	RM7HE	IK10	yes		>> 841057
18	3025	168	4000	70	RM7HE	IK10	yes		>> 841064
21	3500	166	4000	70	RM7HE	IK10	yes		>> 841071
23	3775	164	4000	70	RM7HE	IK10	yes		>> 841088
24	3975	165	4000	70	RM7HE	IK10	yes		>> 841095
25	4125	165	4000	70	RM7HE	IK10	yes		>> 841101
26	4275	164	4000	70	RM7HE	IK10	yes		>> 841118
28	4600	164	4000	70	RM7HE	IK10	yes		>> 841125
29	4750	163	4000	70	RM7HE	IK10	yes		>> 841132

STRADO LED XS

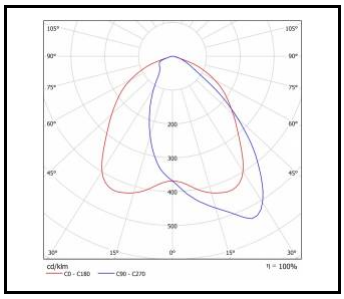
GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Colour temperature [K]	Color rendering index (Ra) >	Optics	Impact resistance	DIMM DALI	Vandalproof	Index
30	4900	163	4000	70	RM7HE	IK10	yes		>> 841149
31	5000	161	4000	70	RM7HE	IK10	yes		>> 841156
33	5300	160	4000	70	RM7HE	IK10	yes		>> 841163
34	5450	160	4000	70	RM7HE	IK10	yes		>> 841170
35	5575	159	4000	70	RM7HE	IK10	yes		>> 841187
36	5775	160	4000	70	RM7HE	IK10	yes		>> 841194
39	6175	158	4000	70	RM7HE	IK10	yes		>> 841217
44	6625	150	4000	70	RM7HE	IK10	yes		>> 841224
47	6925	147	4000	70	RM7HE	IK10	yes		>> 841231
50	7375	147	4000	70	RM7HE	IK10	yes		>> 841248
52	7600	146	4000	70	RM7HE	IK10	yes		>> 841255
54	7900	146	4000	70	RM7HE	IK10	yes		>> 841262

STRADO LED XS

GENERAL CARD

LUMINOUS INTENSITY DISTRIB. CURVE



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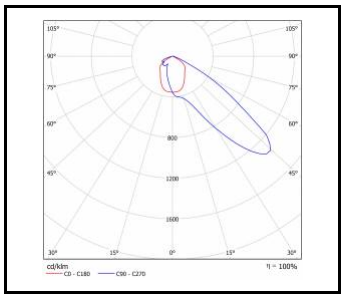

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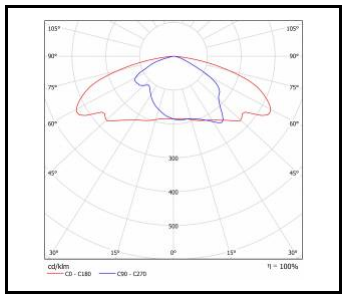

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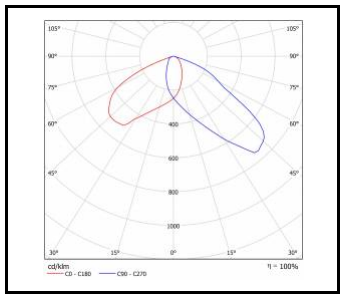

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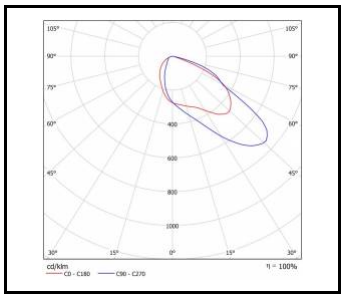

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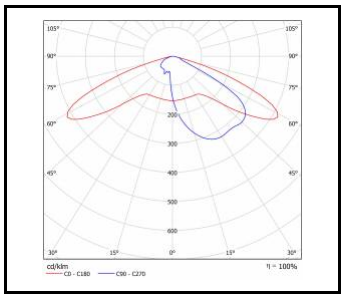

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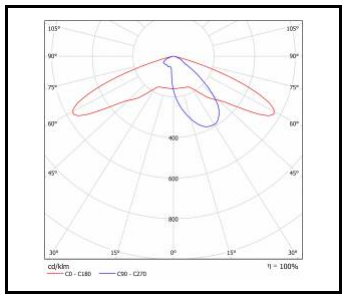

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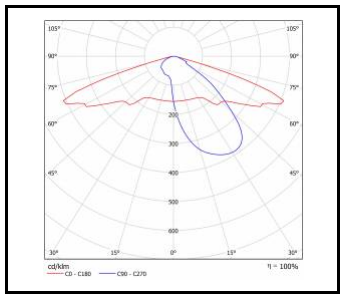

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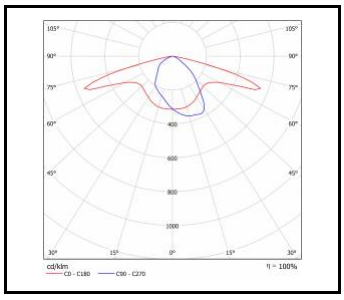

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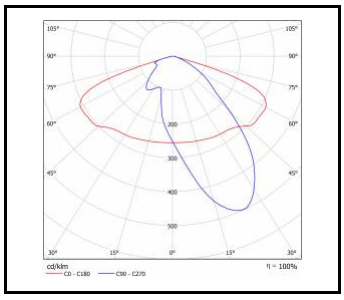

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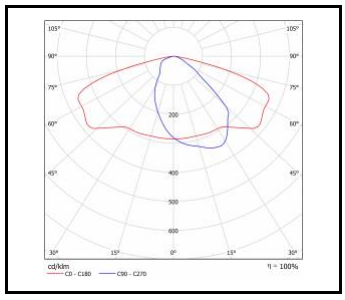

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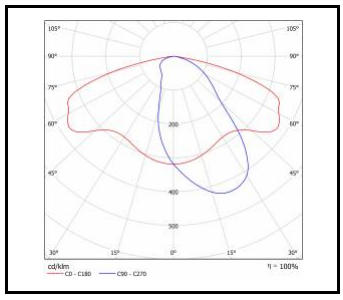

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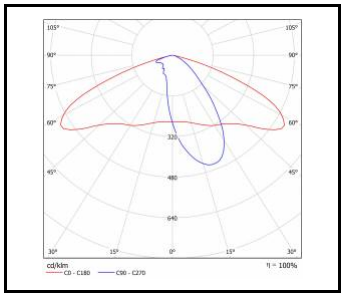

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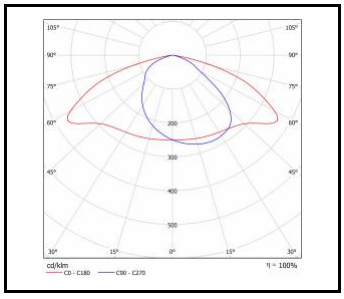

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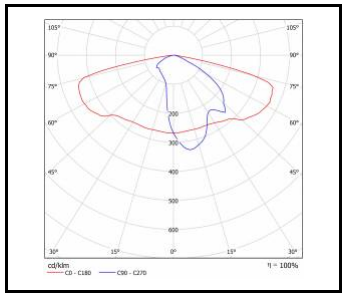

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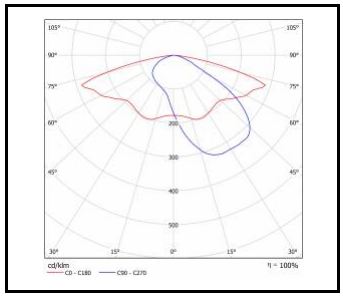
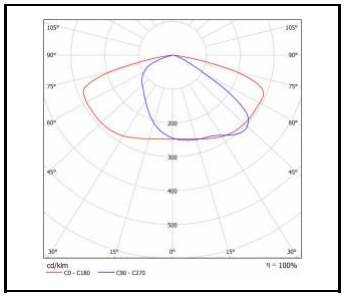


RM19

STRADO LED XS

GENERAL CARD



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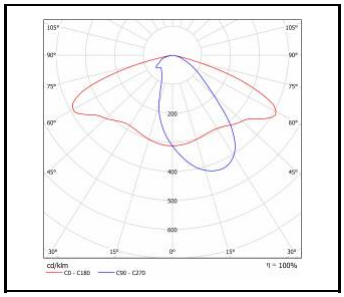

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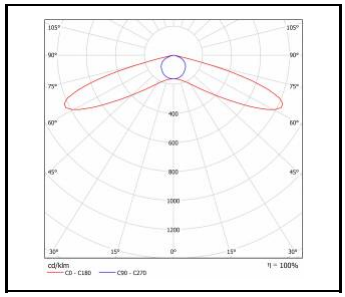

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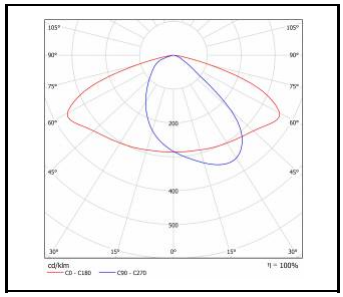

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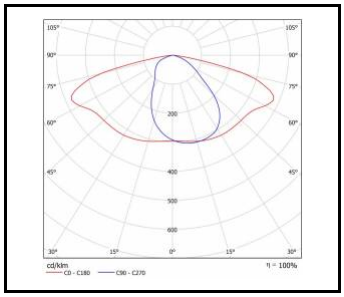

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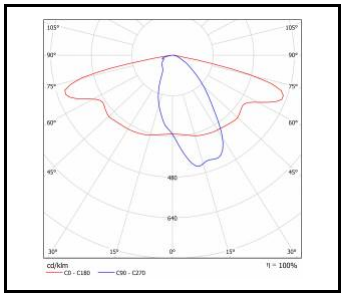

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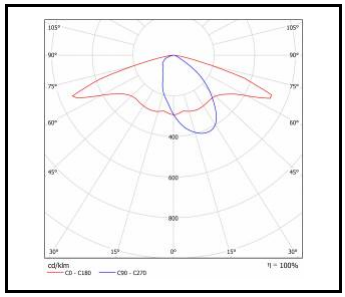

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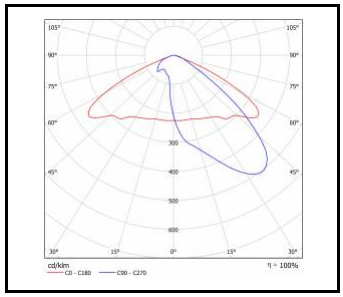

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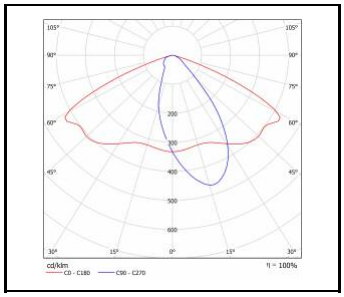

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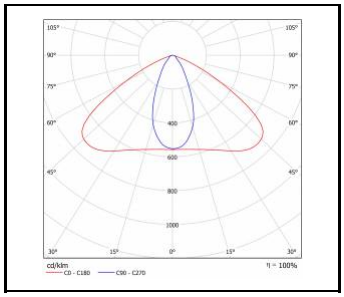

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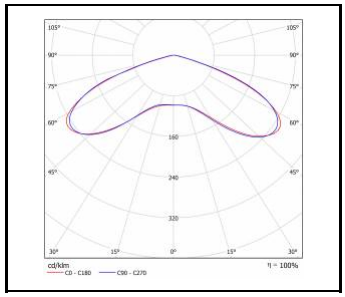

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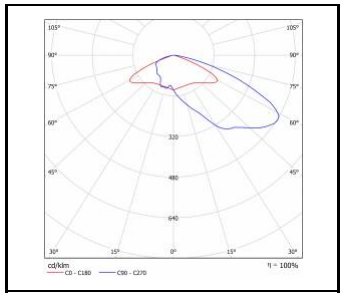

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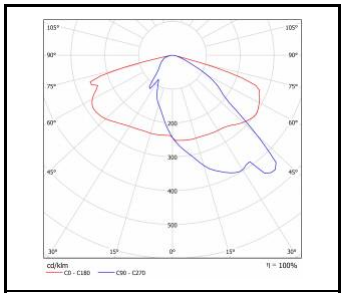

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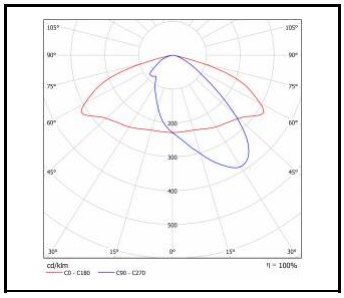

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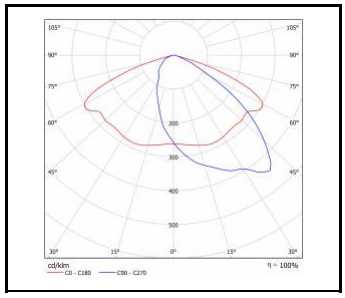

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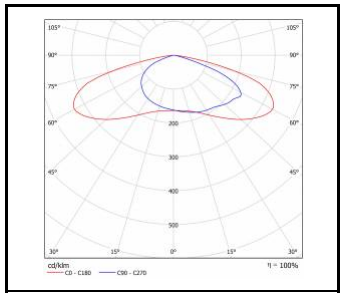
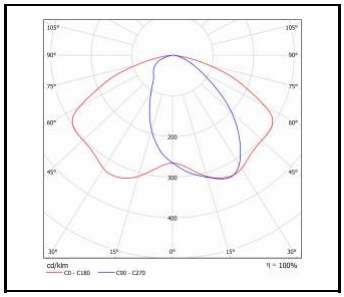


RW5

STRADO LED XS

GENERAL CARD



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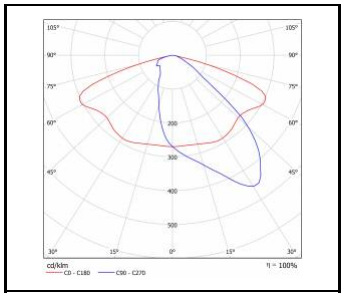

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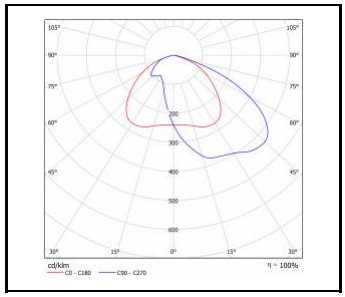

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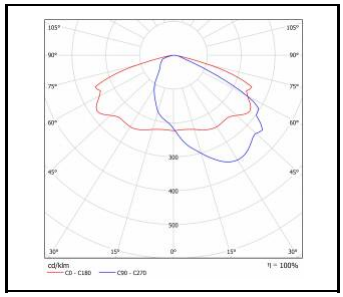

RW9

STRADO LED XS

GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT
842184	Backshield L (left) Strado LED XS RAL9006
842177	Backshield P (right) Strado LED XS RAL9006
842160	Backshield T (back) Strado LED XS RAL9006
	wall holder (grey)
	wall holder (galvanized)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)



wall holder (grey) (314056)



wall holder (galvanized) (314049)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 76/2024

LENA LIGHTING

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