

ASTRA LED S

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Rated power of the luminaire [W]*:	12.00 - 34.00
Luminous flux [lm]*:	1700 - 5300
Colour temperature [K]:	3000; 4000; 5700
Colour rendering index:	>80
Electrical protection class:	I; II
Optics:	AR2; AR5
Colour of the body:	grey
Luminous efficacy [lm/W]:	128.00 - 164.00
Energy efficiency class:	B; C; D
Material of the body:	PP+15% GF; PP+GF
Diffuser type:	clear; matrix led
Diffuser material:	PC
Optics material:	PC
SDCM:	≤ 4
Impact resistance:	IK08

CHARACTERISTICS

LED road luminaire with high luminous efficiency and energy-saving integrated LED module. Self-cleaning body made of polypropylene (PP) with fibreglass (FG), handle made of aluminium. The luminaire uses directional lens matrices (made of polycarbonate PC). The luminaire is characterised by a high IP66 ingress protection rating and mechanical impact resistance. The integrated bracket, which is adjustable in increments of 5 degrees, allows adjustment from: -5° to +15° (top, on pole); -5° to +15° (side, on boom). Supplied with 0.7m of H07RN-F cable as standard.

APPLICATION

Road luminaire suitable for illumination of: streets and municipal, local, internal and neighbourhood roads, cycle paths, alleys, pavements, car parks, squares, private properties and all open spaces.

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AVAILABLE VERSIONS



Click index >>, to see details

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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
13	1700	131	D	3000	>80	I	AR2		>> 433696
13	1700	131	D	3000	>80	II	AR2		>> 433733
13	1800	138	C	4000	>80	I	AR2		>> 433504
13	1800	138	C	4000	>80	II	AR2		>> 433542
21	2750	133	D	3000	>80	I	AR2		>> 433702
21	2750	133	D	3000	>80	II	AR2		>> 433740
21	2900	140	C	4000	>80	I	AR2		>> 433511
21	2900	140	C	4000	>80	II	AR2		>> 433559
24	3200	131	D	3000	>80	I	AR2		>> 433719
24	3350	138	C	4000	>80	I	AR2		>> 433528
25	3200	131	D	3000	>80	II	AR2		>> 433757
25	3350	138	C	4000	>80	II	AR2		>> 433566
31	4050	128	D	3000	>80	I	AR2		>> 433726
31	4050	128	D	3000	>80	II	AR2		>> 433764
31	4250	135	C	4000	>80	I	AR2		>> 433535
31	4250	135	C	4000	>80	II	AR2		>> 433573

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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
12	1850	154	C	3000	>80	I	AR2	yes	>> 436673
12	1850	154	C	3000	>80	I	AR2		>> 436161
12	1850	154	C	3000	>80	II	AR2	yes	>> 436710
12	1850	154	C	3000	>80	II	AR2		>> 436208
12	1850	154	C	3000	>80	I	AR5	yes	>> 436758
12	1850	154	C	3000	>80	I	AR5		>> 436246
12	1850	154	C	3000	>80	II	AR5	yes	>> 436796
12	1850	154	C	3000	>80	II	AR5		>> 436284
12	1970	164	B	4000	>80	I	AR2	yes	>> 436512
12	1970	164	B	4000	>80	I	AR2		>> 436000
12	1970	164	B	4000	>80	II	AR2	yes	>> 436550
12	1970	164	B	4000	>80	II	AR2		>> 436048
12	1970	164	B	4000	>80	I	AR5	yes	>> 436598
12	1970	164	B	4000	>80	I	AR5		>> 436086

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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
12	1970	164	B	4000	>80	II	AR5	yes	>> 436635
12	1970	164	B	4000	>80	II	AR5		>> 436123
12	1970	164	B	5700	>80	I	AR2	yes	>> 436833
12	1970	164	B	5700	>80	I	AR2		>> 436321
12	1970	164	B	5700	>80	II	AR2	yes	>> 436871
12	1970	164	B	5700	>80	II	AR2		>> 436369
12	1970	164	B	5700	>80	I	AR5	yes	>> 436918
12	1970	164	B	5700	>80	I	AR5		>> 436406
12	1970	164	B	5700	>80	II	AR5	yes	>> 436956
12	1970	164	B	5700	>80	II	AR5		>> 436444
20	3000	150	C	3000	>80	I	AR2	yes	>> 436680
20	3000	150	C	3000	>80	I	AR2		>> 436178
20	3000	150	C	3000	>80	II	AR2	yes	>> 436727
20	3000	150	C	3000	>80	II	AR2		>> 436215
20	3000	150	C	3000	>80	I	AR5	yes	>> 436765
20	3000	150	C	3000	>80	I	AR5		>> 436253
20	3000	150	C	3000	>80	II	AR5	yes	>> 436802
20	3000	150	C	3000	>80	II	AR5		>> 436291
20	3200	160	B	4000	>80	I	AR2	yes	>> 436529
20	3200	160	B	4000	>80	I	AR2		>> 436017
20	3200	160	B	4000	>80	II	AR2	yes	>> 436567
20	3200	160	B	4000	>80	II	AR2		>> 436055
20	3200	160	B	4000	>80	I	AR5	yes	>> 436604
20	3200	160	B	4000	>80	I	AR5		>> 436093
20	3200	160	B	4000	>80	II	AR5	yes	>> 436642
20	3200	160	B	4000	>80	II	AR5		>> 436130
20	3200	160	B	5700	>80	I	AR2	yes	>> 436840
20	3200	160	B	5700	>80	I	AR2		>> 436338
20	3200	160	B	5700	>80	II	AR2	yes	>> 436888
20	3200	160	B	5700	>80	II	AR2		>> 436376
20	3200	160	B	5700	>80	I	AR5	yes	>> 436925
20	3200	160	B	5700	>80	I	AR5		>> 436413
20	3200	160	B	5700	>80	II	AR5	yes	>> 436963
20	3200	160	B	5700	>80	II	AR5		>> 436451
25	3600	144	C	3000	>80	I	AR2	yes	>> 436697
25	3600	144	C	3000	>80	I	AR2		>> 436185
25	3600	144	C	3000	>80	II	AR2	yes	>> 436734
25	3600	144	C	3000	>80	II	AR2		>> 436222

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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
25	3600	144	C	3000	>80	I	AR5	yes	>> 436772
25	3600	144	C	3000	>80	I	AR5		>> 436260
25	3600	144	C	3000	>80	II	AR5	yes	>> 436819
25	3600	144	C	3000	>80	II	AR5		>> 436307
25	3870	155	C	4000	>80	I	AR2	yes	>> 436536
25	3870	155	C	4000	>80	I	AR2		>> 436024
25	3870	155	C	4000	>80	II	AR2	yes	>> 436574
25	3870	155	C	4000	>80	II	AR2		>> 436062
25	3870	155	C	4000	>80	I	AR5	yes	>> 436611
25	3870	155	C	4000	>80	I	AR5		>> 436109
25	3870	155	C	4000	>80	II	AR5	yes	>> 436659
25	3870	155	C	4000	>80	II	AR5		>> 436147
25	3870	155	C	5700	>80	I	AR2	yes	>> 436857
25	3870	155	C	5700	>80	I	AR2		>> 436345
25	3870	155	C	5700	>80	II	AR2	yes	>> 436895
25	3870	155	C	5700	>80	II	AR2		>> 436383
25	3870	155	C	5700	>80	I	AR5	yes	>> 436932
25	3870	155	C	5700	>80	I	AR5		>> 436420
25	3870	155	C	5700	>80	II	AR5	yes	>> 436970
25	3870	155	C	5700	>80	II	AR5		>> 436468
34	4950	146	C	3000	>80	I	AR2	yes	>> 436703
34	4950	146	C	3000	>80	I	AR2		>> 436192
34	4950	146	C	3000	>80	II	AR2	yes	>> 436741
34	4950	146	C	3000	>80	II	AR2		>> 436239
34	4950	146	C	3000	>80	I	AR5	yes	>> 436789
34	4950	146	C	3000	>80	I	AR5		>> 436277
34	4950	146	C	3000	>80	II	AR5	yes	>> 436826
34	4950	146	C	3000	>80	II	AR5		>> 436314
34	5300	156	C	4000	>80	I	AR2	yes	>> 436543
34	5300	156	C	4000	>80	I	AR2		>> 436031
34	5300	156	C	4000	>80	II	AR2	yes	>> 436581
34	5300	156	C	4000	>80	II	AR2		>> 436079
34	5300	156	C	4000	>80	I	AR5	yes	>> 436628
34	5300	156	C	4000	>80	I	AR5		>> 436116
34	5300	156	C	4000	>80	II	AR5	yes	>> 436666
34	5300	156	C	4000	>80	II	AR5		>> 436154
34	5300	156	C	5700	>80	I	AR2	yes	>> 436864
34	5300	156	C	5700	>80	I	AR2		>> 436352

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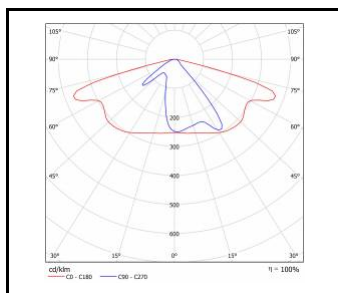
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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Index
34	5300	156	C	5700	>80	II	AR2	yes	>> 436901
34	5300	156	C	5700	>80	II	AR2		>> 436390
34	5300	156	C	5700	>80	I	AR5	yes	>> 436949
34	5300	156	C	5700	>80	I	AR5		>> 436437
34	5300	156	C	5700	>80	II	AR5	yes	>> 436987
34	5300	156	C	5700	>80	II	AR5		>> 436475

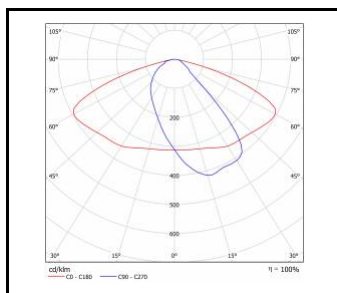
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LUMINOUS INTENSITY DISTRIB. CURVE



AR2



AR5

Card creation date: 14 May 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: 16/2024; 42/2024



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