ASTRA LED S

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Rated power of the luminaire [W]*:	12.00 - 34.00
Luminous flux [lm]*:	1700 - 5500
Colour temperature [K]:	3000; 4000; 5700
Color rendering index (Ra) >:	80
Electrical protection class:	I; II
Optics:	AR2; AR5
Colour of the body:	grey
Luminous efficacy [lm/W]:	128.00 - 183.00
Energy efficiency class:	A; B; C; D
Material of the body:	PP+15% GF; PP+FG
Diffuser type:	matrix led; transparent
Diffuser material:	PC
Optics material:	PC
SDCM:	3; 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.

ASTRA LED S

GENERAL CARD

AVAILABLE VERSIONS

Click index >>, to see details

ASTRA LED S

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	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

ASTRA LED S PRO

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	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

ASTRA LED S

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	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
12	2050	171	B	3000	80	I	AR2	yes	>> 782008
12	2050	171	B	3000	80	I	AR2		>> 782015
12	2050	171	B	3000	80	II	AR2	yes	>> 782022
12	2050	171	B	3000	80	II	AR2		>> 782039
12	2050	171	B	3000	80	I	AR5	yes	>> 782046
12	2050	171	B	3000	80	I	AR5		>> 782053
12	2050	171	B	3000	80	II	AR5	yes	>> 782060
12	2050	171	B	3000	80	II	AR5		>> 782077
12	2100	175	B	4000	80	I	AR2	yes	>> 782084
12	2100	175	B	4000	80	I	AR2		>> 782091
12	2100	175	B	4000	80	II	AR2	yes	>> 782107
12	2100	175	B	4000	80	II	AR2		>> 782114
12	2100	175	B	5700	80	I	AR2	yes	>> 782169
12	2100	175	B	5700	80	I	AR2		>> 782176
12	2100	175	B	5700	80	II	AR2	yes	>> 782183
12	2100	175	B	5700	80	II	AR2		>> 782190
12	2200	183	A	4000	80	I	AR5	yes	>> 782121
12	2200	183	A	4000	80	I	AR5		>> 782138
12	2200	183	A	4000	80	II	AR5	yes	>> 782145
12	2200	183	A	4000	80	II	AR5		>> 782152
12	2200	183	A	5700	80	I	AR5	yes	>> 782206
12	2200	183	A	5700	80	I	AR5		>> 782213
12	2200	183	A	5700	80	II	AR5	yes	>> 782220
12	2200	183	A	5700	80	II	AR5		>> 782237
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

ASTRA LED S

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
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
20	3300	165	B	3000	80	I	AR2	yes	>> 782244
20	3300	165	B	3000	80	I	AR2		>> 782251
20	3300	165	B	3000	80	II	AR2	yes	>> 782268
20	3300	165	B	3000	80	II	AR2		>> 782275
20	3300	165	B	3000	80	I	AR5	yes	>> 782282
20	3300	165	B	3000	80	I	AR5		>> 782299
20	3300	165	B	3000	80	II	AR5	yes	>> 782305
20	3300	165	B	3000	80	II	AR5		>> 782312
20	3400	170	B	4000	80	I	AR2	yes	>> 782329
20	3400	170	B	4000	80	I	AR2		>> 782336
20	3400	170	B	4000	80	II	AR2	yes	>> 782343
20	3400	170	B	4000	80	II	AR2		>> 782350
20	3400	170	B	5700	80	I	AR2	yes	>> 782404
20	3400	170	B	5700	80	I	AR2		>> 782411
20	3400	170	B	5700	80	II	AR2	yes	>> 782428
20	3400	170	B	5700	80	II	AR2		>> 782435
20	3500	175	B	4000	80	I	AR5	yes	>> 782367
20	3500	175	B	4000	80	I	AR5		>> 782374

ASTRA LED S

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
20	3500	175	B	4000	80	II	AR5	yes	>> 782381
20	3500	175	B	4000	80	II	AR5		>> 782398
20	3500	175	B	5700	80	I	AR5	yes	>> 782442
20	3500	175	B	5700	80	I	AR5		>> 782459
20	3500	175	B	5700	80	II	AR5	yes	>> 782466
20	3500	175	B	5700	80	II	AR5		>> 782473
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
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
25	3900	156	C	3000	80	I	AR2	yes	>> 782480
25	3900	156	C	3000	80	I	AR2		>> 782497
25	3900	156	C	3000	80	II	AR2	yes	>> 782503
25	3900	156	C	3000	80	II	AR2		>> 782510
25	3900	156	C	3000	80	I	AR5	yes	>> 782527
25	3900	156	C	3000	80	I	AR5		>> 782534
25	3900	156	C	3000	80	II	AR5	yes	>> 782541
25	3900	156	C	3000	80	II	AR5		>> 782558

ASTRA LED S

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
25	4000	160	B	4000	80	I	AR5	yes	>> 782602
25	4000	160	B	4000	80	I	AR5		>> 782619
25	4000	160	B	4000	80	II	AR5	yes	>> 782626
25	4000	160	B	4000	80	II	AR5		>> 782633
25	4000	160	B	5700	80	I	AR5	yes	>> 782688
25	4000	160	B	5700	80	I	AR5	yes	>> 782695
25	4000	160	B	5700	80	II	AR5	yes	>> 782701
25	4000	160	B	5700	80	II	AR5	yes	>> 782718
25	4100	164	B	4000	80	I	AR2	yes	>> 782565
25	4100	164	B	4000	80	I	AR2		>> 782572
25	4100	164	B	4000	80	II	AR2	yes	>> 782589
25	4100	164	B	4000	80	II	AR2		>> 782596
25	4100	164	B	5700	80	I	AR2	yes	>> 782640
25	4100	164	B	5700	80	I	AR2		>> 782657
25	4100	164	B	5700	80	II	AR2	yes	>> 782664
25	4100	164	B	5700	80	II	AR2		>> 782671
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	5100	150	C	3000	80	I	AR2	yes	>> 782725
34	5100	150	C	3000	80	I	AR2	yes	>> 782732
34	5100	150	C	3000	80	II	AR2	yes	>> 782749
34	5100	150	C	3000	80	II	AR2	yes	>> 782756
34	5100	150	C	3000	80	I	AR5	yes	>> 782763
34	5100	150	C	3000	80	I	AR5		>> 782770
34	5100	150	C	3000	80	II	AR5	yes	>> 782787
34	5100	150	C	3000	80	II	AR5		>> 782794
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

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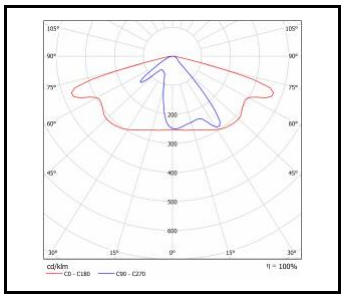
GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
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
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
34	5300	156	C	4000	80	I	AR2	yes	>> 782800
34	5300	156	C	4000	80	I	AR2		>> 782817
34	5300	156	C	4000	80	II	AR2	yes	>> 782824
34	5300	156	C	4000	80	II	AR2		>> 782831
34	5300	156	C	5700	80	I	AR2	yes	>> 782886
34	5300	156	C	5700	80	I	AR2		>> 782893
34	5300	156	C	5700	80	II	AR2	yes	>> 782909
34	5300	156	C	5700	80	II	AR2		>> 782916
34	5500	162	B	4000	80	I	AR5	yes	>> 782848
34	5500	162	B	4000	80	I	AR5		>> 782855
34	5500	162	B	4000	80	II	AR5	yes	>> 782862
34	5500	162	B	4000	80	II	AR5		>> 782879
34	5500	162	B	5700	80	I	AR5	yes	>> 782923
34	5500	162	B	5700	80	I	AR5		>> 782930
34	5500	162	B	5700	80	II	AR5	yes	>> 782947
34	5500	162	B	5700	80	II	AR5		>> 782954

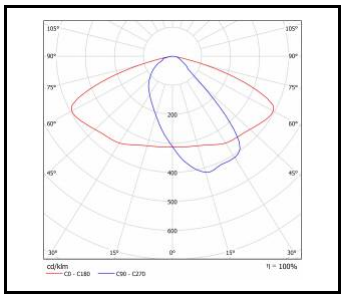
ASTRA LED S

GENERAL CARD

LUMINOUS INTENSITY DISTRIB. CURVE



AR2



AR5

ASTRA LED S

GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
UL00214	Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED
598357	Pole adapter 80/60 ALU



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)



Pole adapter 80/60 ALU (598357)

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: 16/2024; 42/2024

LENA LIGHTING

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