

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 |

ASTRA LED S PRO

| 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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|-----------------------------------|---------------------|--------------------------|-------------------------|------------------------|------------------------|-----------------------------|--------|-----------|---------------------------------|
| 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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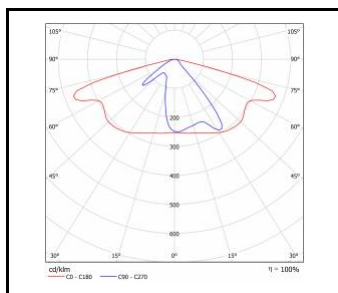
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|-----------------------------------|---------------------|--------------------------|-------------------------|------------------------|------------------------|-----------------------------|--------|-----------|---------------------------------|
| 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 |

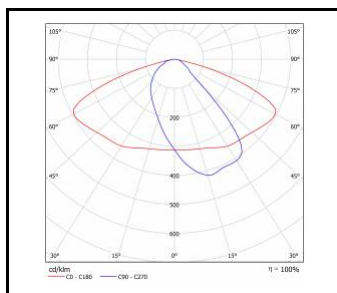
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LUMINOUS INTENSITY DISTRIB. CURVE



AR2



AR5

Card creation date: 13 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: 16/2024; 42/2024