

PRODUCT CODE: **G7012**

STREETLED 24 - 350mA & 450mA

Luminance level ≥ 0.75 Cd/sqm / Height of posts at 6m



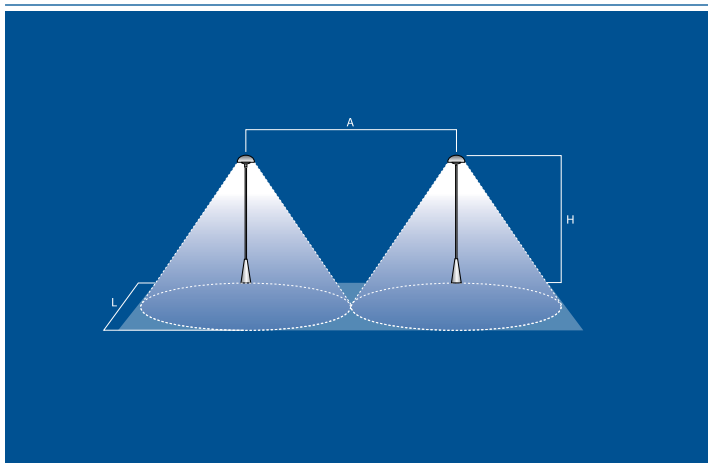
Energy saving illumination systems based on power led technology.

The STREETLED 24 - cold white 350mA & 450mA fixture are typical for the ME4b class roads, installed at 6m height featuring a carriageway 4 meter's width or less and 22m post to post.

Manufactured with stainless steel and pressure dye cast aluminium, a warranty for high heat dissipation rates which ensures a very long life and efficiency of the LED components. The STREETLED 24 fixtures can apply for all the road classed ME5 single lane, with an maximum coverage of 25 m. The ratio between the distance of the posts and their height is more than 4 (much higher than the minimum value allowed for new installations, i.e. 3.7).

The lamp is suitable to solar cell and backup battery application as the minimum low voltage power supply is 12V.

- **Energy saving 40% to 80%**
- **Average life of LEDs higher than 100,000 hours**
- **Negligible maintenance required**
- **High quality of light, uniformity and better visual perception of details thanks to the LEDs high CRI level (>80)**
- **Easy to dim, each fixture is provided with internal devices for connecting to remote control systems**
- **Less power absorbed means low CO₂ emissions from the energy providers**



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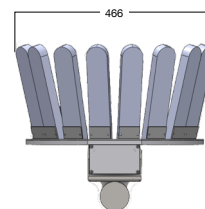
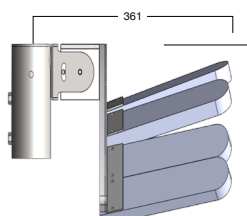
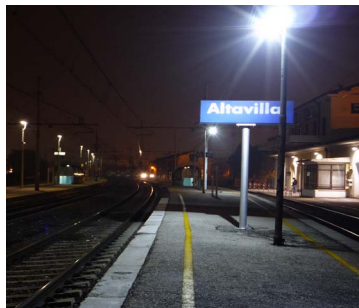
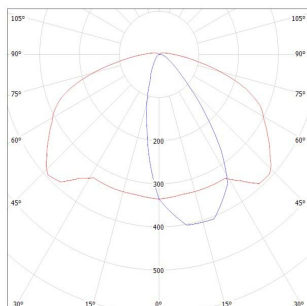
(based on maintenance factor 0.9)

	350mA	450mA
H = Height of installation	6 m	6 m
A = Space post to post	22 m	25 m
L = Width of the road	4 m	4 m
Candles per square meter	0,75 cd	0,76 cd
Overall Uniformity (U _o)	0,5	0,4
Longitudinal Uniformity (U _l)	0,5	0,4
Glaring Index (TI)	13%	14%
Lighting class	ME4b	ME5

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led color temperature	warm white 3500°K	neutral white 4000°K	daylight white 5000°K	cold white 6500°K
luminous flux @350mA	1920lm	2256lm	2400lm	2568lm
luminous flux @450mA	2304lm	2707lm	2880lm	3081lm



Technical specifications

Index of Protection (IP)

Fixtures: IP65

Number of LEDs

24 CREE LEDs fixture, cold white colour (5500 to 6500 °K), luminosity 107 Lm/W minimum each LED. The fixture includes LED modules.

Power supply

230 VAC, the AC-DC converter (230VAC to 24 VDC) can be accommodated inside the dedicated space provided on the top of the fixture or at the base of the post.

Power consumption

28.7 W at 12-24 VDC (31 W at 230 VAC) at 350mA.
34.8 W at 12-24 VDC (37.4 W at 230 VAC) at 450mA.

Ballast

- Input: 100 to 240 VAC, 50 to 60 Hz, 1.3 A @ 100 VAC, 0.6 A @ 240 VAC. Brown wire: PHASE; Blue wire: NEUTRAL; Yellow/Green wire: GROUND.
- Output: 24 VDC. Red wire: POSITIVE; Black wire: NEGATIVE.

Fixture

Input: 12-24 VDC. Red wire: POSITIVE, Black wire: NEGATIVE, White wire: DIMMING SIGNAL.

Weight and dimensions

Max. weight: 8 Kg.
Max overall dimensions: width 466 mm, height 227 mm, depth 361 mm

Fixing support

Inner diameter 60 mm, to fit on the top of the post or on a arm, the alignment of the fixture is adjustable by a graduated fixing device.

Finishing

Frames made of stainless steel, light modules made of hard anodized aluminium.

Optionals

Programmable internal control device for decreasing the luminous flux during the night, warm or neutral white LED colours.
Remote control system. GSM interface.

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