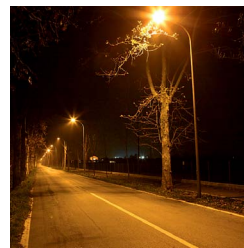


PRODUCT CODE: **G7007**

# STREETLED 68 XPG - CUTOFF 450mA

Luminance level  $\geq 1$  Cd/sqm / Fixture installation at 12m



**BEFORE** - 100 W HP SODIUM LAMP    **AFTER** - 66 W LEDs

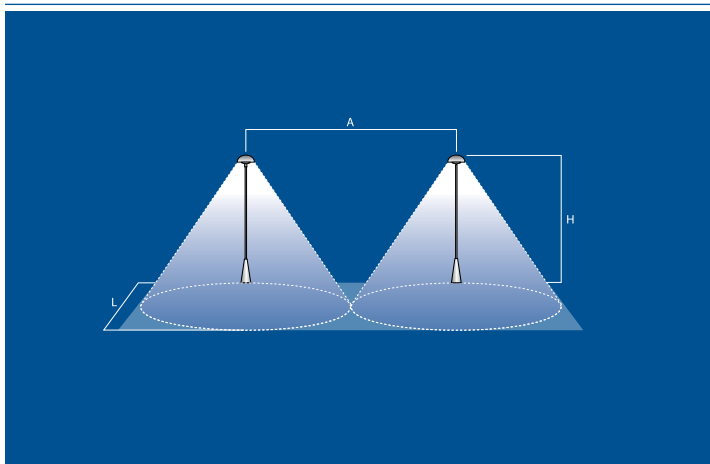
## Energy saving illumination systems based on power led technology.

The STREETLED 68 XPG – cold white 450mA has been designed to replace 150W HPS fixtures and is typical for Me3 class roads 9 meter's width installed at 12m height, distance post to post 36m, and a ratio between the distance of the posts and their height of 3.

The STREETLED 68 XPG is a CUT-OFF model, i.e. the light is confined within the horizon level (90 deg.) with zero emissions above it. 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.

In case the posts are installed at lesser distance the STREETLED 68 XPG – cold white 450mA can be adopted for Me2 class roads with a distance between the centres of the poles less than 24 m.

- **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 CO<sub>2</sub> emissions from the energy providers**



### STREETLED 68 XPG - cold white 450mA

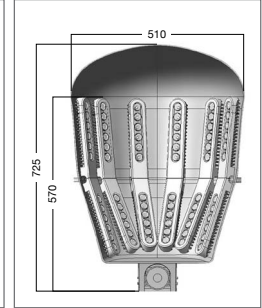
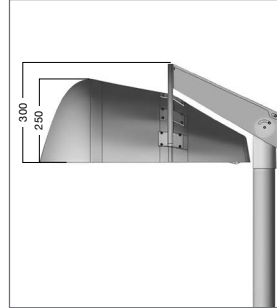
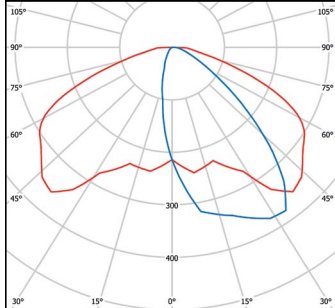
(based on maintenance factor 0.9)

	Me3	Me2
H = Height of installation	12 m	12 m
A = Space post to post	36 m	24 m
L = Width of the road	9 m	9 m
Candles per square meter	1 cd	1,5 cd
Overall Uniformity (U <sub>o</sub> )	0,6	0,6
Longitudinal Uniformity (U <sub>l</sub> )	0,7	0,8
Glaring Index (TI)	5%	5%
Road coating	C2	C2

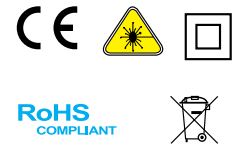
PRODUCT CODE: **G7007**

# STREETLED 68 XPG - CUTOFF 450mA

Luminance level  $\geq 1$  Cd/sqm / Fixture installation at 12m



STREETLED 60 - 350mA				
led color temperature	warm white 3500°K	neutral white 4000°K	daylight white 5000°K	cold white 6500°K
luminous flux	13000lm	13000lm	13000lm	14000lm



## Technical specifications

### Index of Protection (IP)

Fixtures: IP65

### Number of LEDs

68 CREE XPG LEDs fixture, cold white colour (5500 to 6500 °K), luminosity 139 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

124 W at 24 VDC (138 W at 230 VAC).

### 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: 24 VDC. Red wire: POSITIVE, Black wire: NEGATIVE, White wire: DIMMING SIGNAL.

### Weight and dimensions

Max. weight: 12 Kg.  
Max overall dimensions: width 510 mm, height 300 mm, depth 725 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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