



PROXIMO WAY

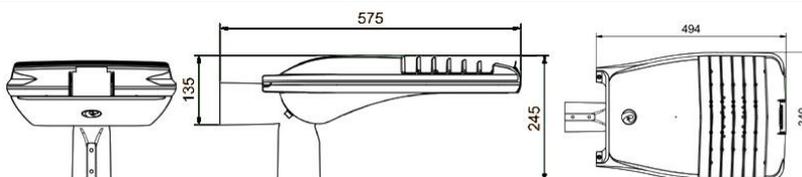


GENERAL SPECIFICATIONS

Type	Streetlight
Application	Large and high-speed roadways.
System - min/max	6/24 LED
Total Power (LED + DRIVER) - min/max	From -17W to 109W
Nominal flux LED plate - min/max	From 2400 lumen to 16800 lumen
Useful output flux - min/max	From 2000 lumen to 14000 lumen

STREETLIGHT DATA

Max net weight	6,00 kg
Wind exposed surface lateral view	0,039 m ²
Wind exposed surface frontal view	0,041 m ²



TECHNICAL SPECIFICATIONS

Insulation class	CL I - CL II
Color temperature	4000K - CRI >70
Ambient temperature - ta	35°C for all the Series / 50° C up to 10500 lumen Output
Power correction factor	> 0,9
Overall protection degree	IP66
Protection degree against external impacts	IK09
Certifications	CE
Construction standards	EN 60598-1, EN 60598-2-3
Class of photobiological risk	Risk group exempt from this according to EN 62471

POWER SUPPLY SPECIFICATIONS

Led current	up to 1000mA
Power supply	220 - 240V / 50 - 60 Hz VAC and also available in 120-277V / 50-60 Hz VAC.
Driver	high efficiency electronic power source and duration, intended for external use. programmable (P).
Knife switch	included
Cable plate	complete with easily replaceable electronic unit.
Power supply cable access	through a PG 16 cable gland (IP68).

PROTECTION AGAINST SURGES

All versions are protected against overloads and surges to protect components and LEDs.	
CL I:	CL I: up to 10kV, both in common and differential mode.
CL II:	CL II: up to 9kV in common mode, 6kV in differential mode.

MAINTAINED AVERAGE LUMINOUS FLUX

L80**	> 100000
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** L80 = the unit keeps the 80% of the initial light flux after the number of hours indicated in above table.

For higher Ta, please don't hesitate to consult FAEL headquarter/distributors.



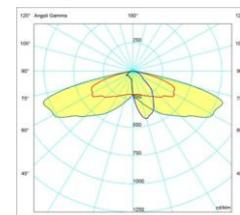
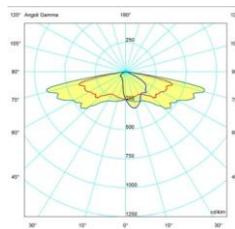
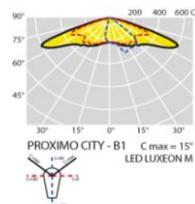
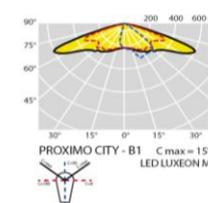
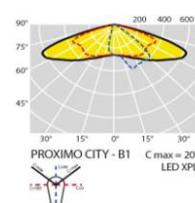
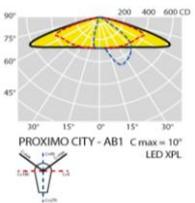
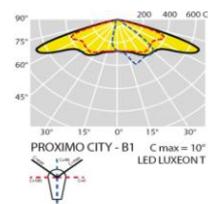
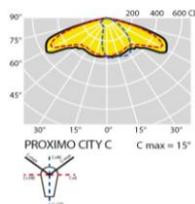
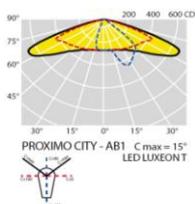
MOUNTING SPECIFICATIONS	
Assembly	on pole
Installation on straight pole	Ø 46 mm ÷ 60 mm, tilt from 0° to +20° with constant pitch of 2.5°
Side entry installation	Ø 46 mm ÷ 60 mm Fixing device pole to bring the tilt luminaire at 0° in case of side entry installation with tilt of 5°, 10°, 15° and 20° -
All Models	an accessory for Ø 76 mm installations in available upon request
Installation height	4 ÷ 16 m

MATERIALS AND FITTINGS	
LED	Multi and Single chip LED technology on a pressed aluminum circuit, highly heatdissipating MCPCB (Metal Core Printed Circuit Board).
Body and cover	In die cast aluminum
Upper cover	With cross-sectional cooling fins with highly aesthetic aspect. Replacement of the entire LED module including the upper cover.
Paint	Silver-colored polyester powders (RAL 9006).
Glass	Extra-clear tempered glass, 4mm thick.
Gaskets	Anti-aging rubber
Pressure compensation filter	Teflon
Closure clip	In stainless steel

OPTICAL SYSTEM	
SAFEGWAY STREETLIGHT OPTIC®: multilayer type, designed and patented in-house to guarantee an high level of uniformity even in the unlikely event of individual LED failure.	AB1 Optic: for carriageway with a width greater than 0.85 times the height of installation; suitable for large and high-speed roadways.
	B1 Optic: for carriageway with a width equal to or less than 0.85 times the height of installation; suitable for urban roads, car parks and bike paths.
	C Optic: for carriageway with a width equal to or less than 0.7 times the height of installation; suitable for bike or pedestrian paths.
	S Optic: for streets with large distance between Poles
	V Optic: for streets with large distance between Poles and for wide streets

All the optics have CUT-OFF emissions with zero-impact when the floodlight is installed with the glass parallel to the ground.

PHOTOMETRIC DATA EXAMPLES



Fael LUCE products are subject to constant evolution. Therefore, the values given in this document may change without notice.

