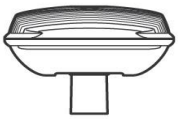
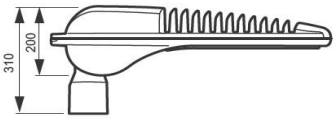
DATA SHEET
Rev. 30/05/2014

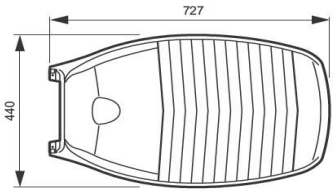
PROXIMO

GENERAL SPECIFICATIONS	
Type	Streetlight
Application	Streetlight, big areas
System	49/75 LED

STREETLIGHT DATA	
Dimensions (LxHxD)	727x440x200 mm
Maximum weight	14,30 kg
Wind exposed surface with tilt 20°	0,084 m2







TECHNICAL SPECIFICATIONS	
Insulation class	CL I - CL II
Color temperature (from/to)	4000K / 4500K
Power correction factor	> 0,9
Overall protection degree	IP66
Protection degree against external impacts	IK08
Certifications	CE
	All the electric components are ENEC certified
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 - from/to:	530mA / 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.
Knife switch	CL I - CL II
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:	up to 10kV, both in common and differential mode as in the gear box there is a Surge Protector Device.
CL II:	up tp 6kV.

MAINTAINED AVERAGE LUMINOUS FLUX			
LED CURRENT	**TYPE OF LED**	**L80** (hr)**	**L70** (hr)**
700 mA	LED*	> 70000	> 80000
1000 mA	XM-L 2	> 70000	> 80000

* First brand Led (Philips Lumileds, Cree)
** L80 = the unit keeps the 80% of the initial light flux after the number of hours indicated in above table.
** L70 = the unit keeps the 70% 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.

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Reg. Imp. MB 00793220153
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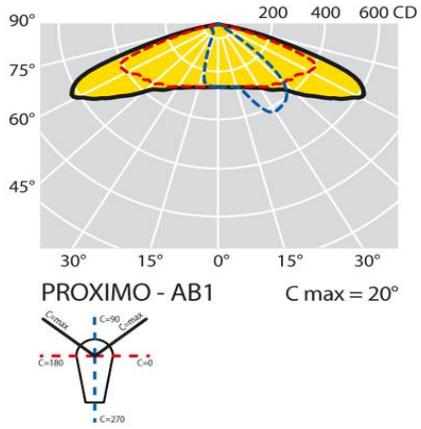
cod. fisc. 00793220153

MOUNTING SPECIFICATIONS	
Assembly	on pole
Installation on straight pole	Ø 46 mm ÷ 76 mm, tilt 0°, +5°, +10°, +15°, +20°
Side entry installation	Ø 46 mm ÷ 76 mm, tilt -20°, -15°, -10°, -5°, 0°, +5°, +10°, +15°
Installation height	4 ÷ 16 m

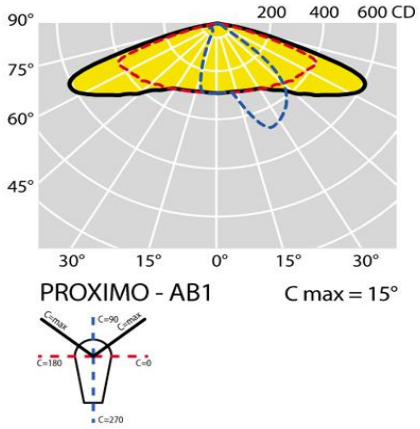
MATERIALS AND FITTINGS	
LED	First brand Led (Luxeon T e Cree XM-L 2) mounted on a pressed aluminum circuit, highly heat-dissipating MCPCB (Metal Core Printed Circuit Board).
Body and cover	In die cast aluminum
Upper cover	With cross-sectional cooling fins with highly aesthetic aspect.
	Replacement of 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	
AB1 Optic	for carriageway with a width greater than 0.85 times the height of installation.
B1 Optic	for carriageway with a width equal to or less than 0.85 times the height of installation, such as bike or pedestrian paths.
All the optics have CUT-OFF emissions with zero-impact when the floodlight is installed with the glass parallel to the ground.	

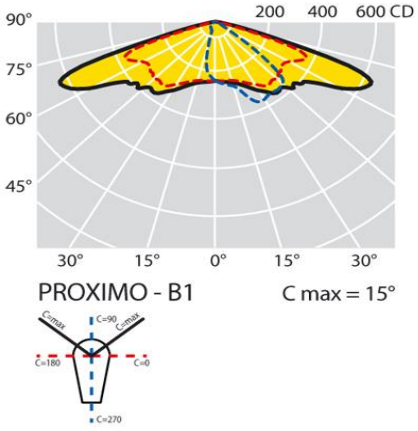
PHOTOMETRIC DATA



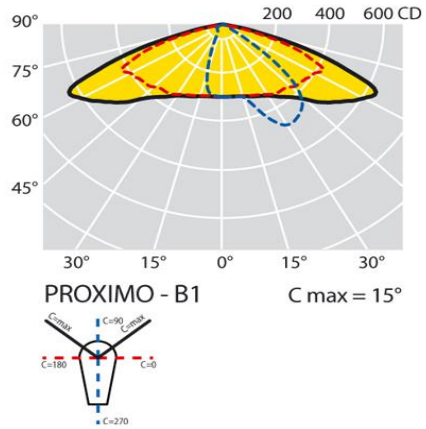
POWERLED



POWERLED XM-L 2



POWERLED



POWERLED XM-L 2

The Fael LUCE products are subject to constant evolution. Therefore, the values given in this document are subject to change.