

3460 - Denia ES 1

Code: 340001-30



Energy-efficient and eco-friendly street lighting, which is managed with the latest digital technology to meet the new demands of the green economy: to achieve these results, Disano offers a wide choice of solutions that brings the advantages of smart lighting combined with the excellence of Made in Italy design to street lighting. A constantly updated range of products for safer, less polluted, and properly illuminated roads. These luminaires are designed and built to last. This is achieved through the quality of the materials selected, the special coating resistant to environmental aggressions and the devices protecting the electrical circuits. Denia has all these features. It is a high-quality street luminaire, created to achieve the best LED performance on streets and large areas, as well as in public spaces. Specially designed optics and specific photometric curves make these luminaires extremely versatile, offering excellent results on all types of roads, in car parks, along pedestrian walkways and in all other areas where light is needed. Moreover, with Denia it is possible to choose between a lower amount of current to reduce consumption and a higher amount of current to increase brightness and lower the number of luminaires you will need to install. All the products in the range can accept devices that can control the luminous flux and energy consumed. These devices include a programmable virtual midnight feature, powerline feeders, and different types of NEMA and Zhaga sockets.



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	455 mm
Width (mm)	211 mm
Height (mm)	105 mm
Weight (Kg)	3.8 kg

INSTALLATION

Diameter (Ø) of pole connector (mm)	60-60 mm
Surface exposed to wind (mm)	L 33900 mm², F 98600 mm²

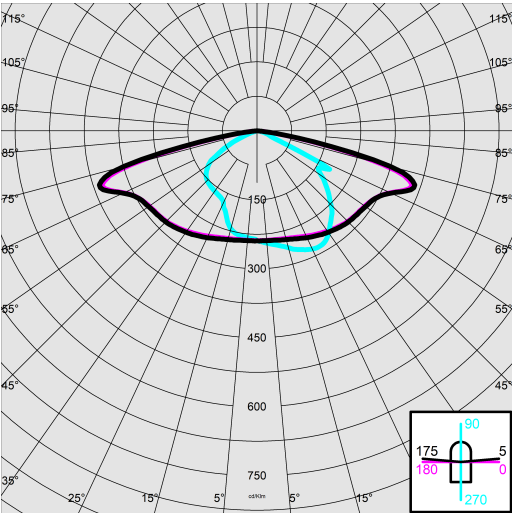
ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	≥0.9
Surge protector (common) (EN 61547)	10 kV, 10 kV
Insulation class	Class II
Controllability	Yes (Integrated)
Integrated Function	Virtual Midnight (VM)

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Code: 340001-30

PHOTOMETRIC DATA



Lighting source	LED
CRI	>70
Luminous flux (output) (lm)	9930 lm
Power absorption (total) (W)	60 W
CCT	4000 K
Luminous efficacy (lm/W)	166 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM4
LED flux maintenance	100000 hr, L 90, B 10

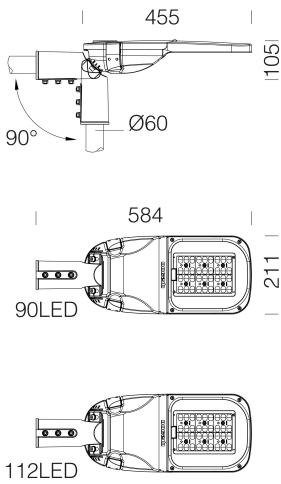
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK09
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	40 °C

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Code: 340001-30

MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

[AssemblyInstructions denia drive 01-24.pdf](#)
[AssemblyInstructions DENIA ES 04-26.pdf](#)

DESIGNS

[BIM 3460 Denia ES1 12-23.zip](#)
[TechnicalDrawing 3460ES1.dxf](#)



Housing	in die-cast aluminium and designed with a very small surface exposed to wind. Self-cleaning design with a smooth and slightly convex surface, specifically designed to reduce the adhesion of dust and residues.
Diffuser	extra-clear, tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI-EN 12150-1:2001).
Heat sink	integrated
Pole connection	60mm in die-cast aluminium with clamps for fastening the fixture at different angles. Adjustable from -15° to 5° for side-mount applications; and from 0° to 10° for top-mount applications.
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Colour	Grey

STANDARDS AND COMPLIANCE

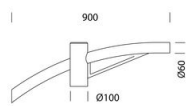
Photobiological safety class	RG0 Ethr
Markings and tests	CE, ENEC
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Laboratory Tests	compliant with third-party certified vibration tests pursuant to ANSI C136.31: Street Lighting - Luminaire Vibration. Test level: 3.0G Level 2 for bridge/overpass applications.
Energy Label	D

WARRANTY

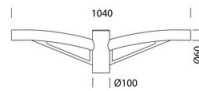
After sales warranty	5 yr
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Code: 340001-30



504 Single arm



508 Double arm