

 **Pelsan**



**STREET
LUMINAIRES**

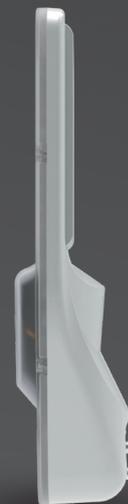
MADRID

www.pelsan.com.tr

MADRID



Specifically Designed for
Coastal Areas and **Marinas**



- 📦 Stainless PC Body
- ☔ IP65, Dust and Waterproof
- ⚡ Up to 146lm/W Efficiency
- 🔌 ENEC Certified Driver
- 🕒 Tc @75°C 50.000h. Driver Lifetime
- 🔧 Maintenance-Free with Overcurrent and Short-Circuit Protection

4 Superior Features of Madrid



Never Rust

Thanks to its durable polycarbonate housing, it remains rust-free even in humid and challenging outdoor environments. Specially engineered for **coastal regions** and **marinas**.



Full Standards Compliance

Madrid offers the perfect solution for park and garden lighting in full accordance with **TS EN 13201 standards**.

*Delivering low power consumption and efficiency of **up to 146 lm/W**, it guarantees compliance even on poles as high as 8 meters.



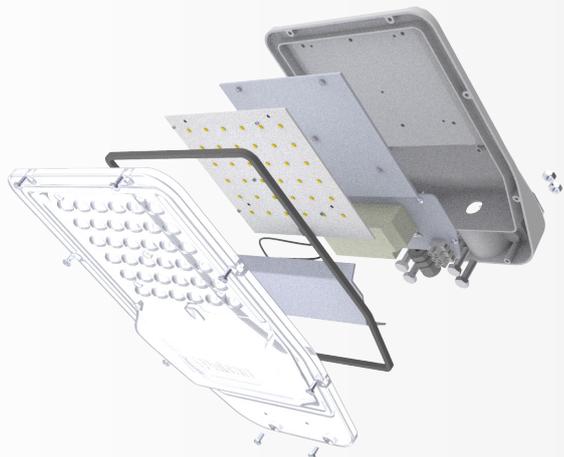
Efficiency up to 146lm/W

With an efficiency of up to 146 lm/W, it provides **high energy savings**. By delivering more light with less energy, it reduces operating costs.



Maintenance-Free

Thanks to its **integrated overcurrent** and **short-circuit protection** features, Madrid safeguards the luminaire against potential risks. It provides safe and uninterrupted lighting.



*For detailed information, see Page 06

Wide Range of Applications of Madrid



Marinas



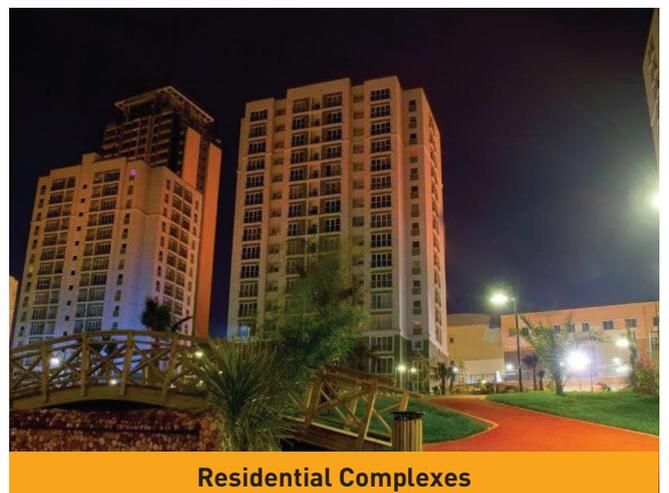
Coastal Areas



Industrial Areas



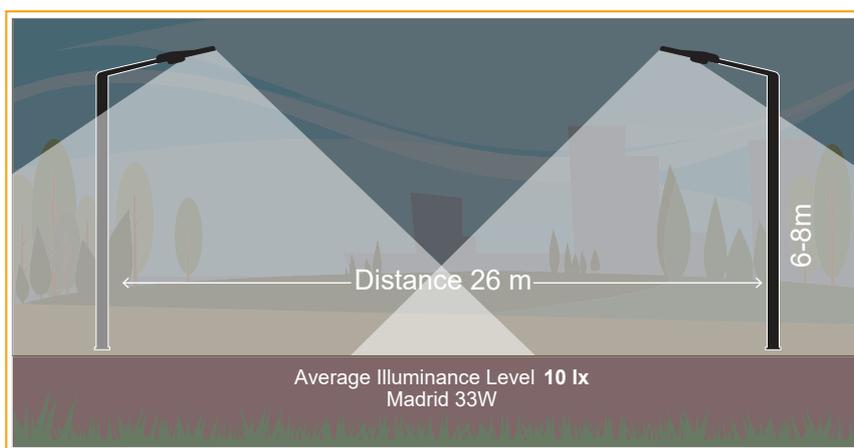
Walkways



Residential Complexes

Usage Recommendation

Delivering efficiency of up to 146 lm/W with only 33W power, Madrid ensures homogeneous lighting on 8-meter poles with 26-meter spacing between installations.



* Suitable for park and garden lighting standards

Provides up to **%57** Energy Savings

Madrid delivers high energy savings with an efficiency of up to 146 lm/W. The 33W 4257 lm version offers a perfect one-to-one replacement for 70W sodium lamps

 <p>70W SON-T</p>	 <p>MADRID</p>
<p>System Power</p>	
<p>77W</p>	<p>33W</p>
<p>Luminaire Luminous Output</p>	
<p>4.257lm</p>	<p>4.257lm</p>



Mechanical Specifications

Body	PC UV reinforced
IP Rating	IP65
IK Rating Body	IK08
Weight (kg)	1,5
RAL Code	7035
Dimensions (mm)	324x201x75
Side Console Entry	42-48mm
Recommended Application Height (m)	4-10m



Electrical Specifications

Power	20W - 33W - 40W
LED Chip and Driver Brand	Samsung - ENEC Certified Driver
LED Chip Lifetime	L70 Tc@105°C +70.000h.
Driver Lifetime	Ta<72°C +50.000 h.
Input Voltage	220-240Vac
Frequency	50-60Hz
Power Factor	>0.90
SPD	L-N 1kV L/N-G 2kV
Operating Temperature	-20°C / +45°C
Class	I



Optical Specifications

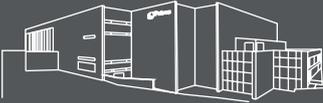
Luminous Flux	2760lm - 4257lm - 5840lm
Efficacy	138lm/W - 129lm/W - 146lm/W
Lens	PC UV reinforced
Diffuser	PC UV reinforced
CRI	>70
Color Standard	Quarter Bin
Colour Temperature	3000K / 4000K / 6500K



Options

DALI	Suitable
Nema7 Socket	-
Zhaga Socket	-
Class I/II	-
Marine Painting	-
Step Dim	-
1-10V	-
External SPD (10kV)	-
Photocell	Suitable

Pelsan



All your lighting needs in one adress.

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HEAD OFFICE

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