



WIDE AREA LIGHTING SOLUTIONS

RIA

www.pelsan.com.tr



RIA

RIA MED S

RIA MED G2



- W** Wide Power Options: 30W – 400W
- lm** Wide Lumen Packages: 4050lm – 60800lm
-  Efficiency up to 154 lm/W
-  IP66 Dust and Waterproof Aluminum Body
-  Driver Lifetime: Tc@65°C 120,000h
-  10kV Internal Surge Protection

Superior Features of the Ria Family



Efficiency up to 154 lm/W

With efficiency up to **154 lm/W**, the Ria family delivers **high performance**. It optimizes energy consumption and helps reduce operating costs.

IP66 – Dust and Waterproof

The **IP66 housing structure** provides full protection against high-pressure water jets and all particle ingress. It operates reliably under harsh outdoor conditions such as rain, snow, wind, and dusty industrial environments. It is a dependable solution for industrial facilities, open parking areas, and locations exposed to severe environmental conditions. This protection level **minimizes maintenance requirements**.



Compact Body Design

Despite its high power density, the Ria series features a compact body structure that occupies minimal volume. The aluminum injection housing optimizes heat transfer, increasing **thermal stability**. Its compact design offers **easy installation, low wind load, and high mechanical durability**.

Wide Optical Design

With **beam angles ranging from 30° to 90°** and various asymmetric light distribution options, the Ria family provides optimum maximum light control across a wide range of applications — from **sports fields to parking areas**, from **industrial facility surroundings to building façades**.



Superior Features of the Ria Family



120.000 Hours Driver Lifetime

With a driver lifetime of **120,000 hours at $T_c @ 65^{\circ}\text{C}$** , the Ria family delivers **high performance**. It reduces maintenance needs and helps lower operating costs, even in demanding conditions.

Wide Input Voltage Range (90-305Vac)

The Ria family operates in a wide voltage range of **90–305 Vac**. It is not affected by voltage fluctuations and provides stable light output.

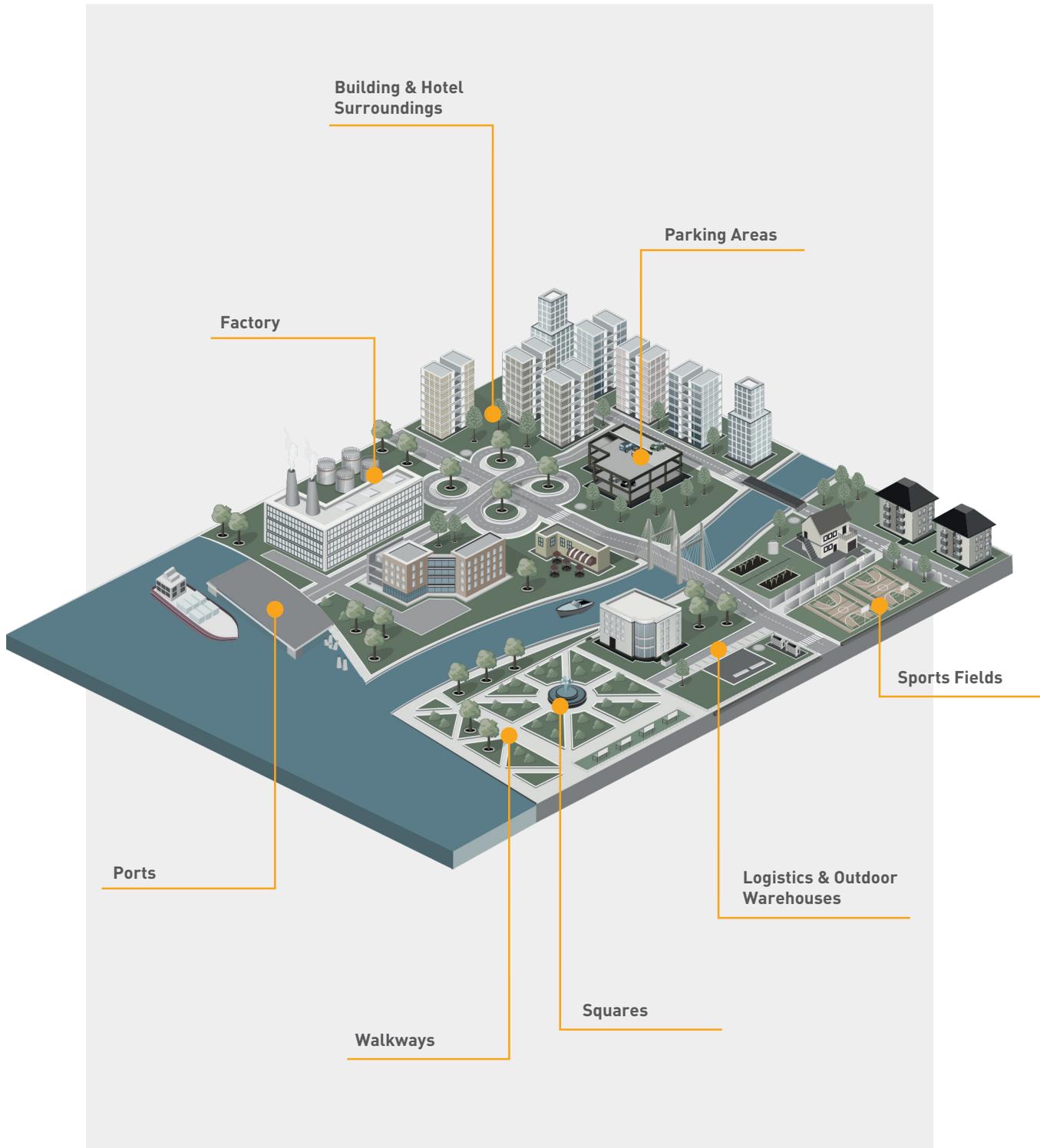


10kV Surge Protection

All Ria family luminaires are equipped with a built-in **10 kV surge protector** and are not affected by sudden voltage spikes. The luminaire remains protected against **lightning strikes, power grid fluctuations and sudden energy increases** caused by industrial loads. This protection extends the product lifetime and keeps **maintenance needs to a minimum**.

				
Type		Ria	Ria Med G2	Ria Med S
Lumen Package		30800lm - 60800lm	8820lm - 27600lm	4050lm - 13000lm
Power		200W - 400W	60W - 200W	30W - 100W
Efficacy		142lm/W - 154lm/W	134lm/W - 147lm/W	130lm/W - 140lm/W
LED Chip Lifetime		L70 Tc@105°C>102.000h	L70 Tc@105°C>102.000h	L70 Tc@105°C>102.000h
Driver Lifetime		Tc 65°C 120.000h	Tc 65°C 120.000h	Tc 65°C 120.000h
Warranty		5 Years	5 Years	5 Years
Optics		30° / 60° / 90° Asymmetric	30° / 60° / 90° Asymmetric	30° / 60° / 90° Asymmetric
AUTOMATION	DALI	✓	✓	✓
	1-10V	✓	✓	✓
	Step DIM	✓	✓	✓
	Marine Coating	✓	✓	✓

Ria Family Application Areas





The single address for all your lighting needs

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