



HIGH POWER PROFESSIONAL FLOODLIGHT

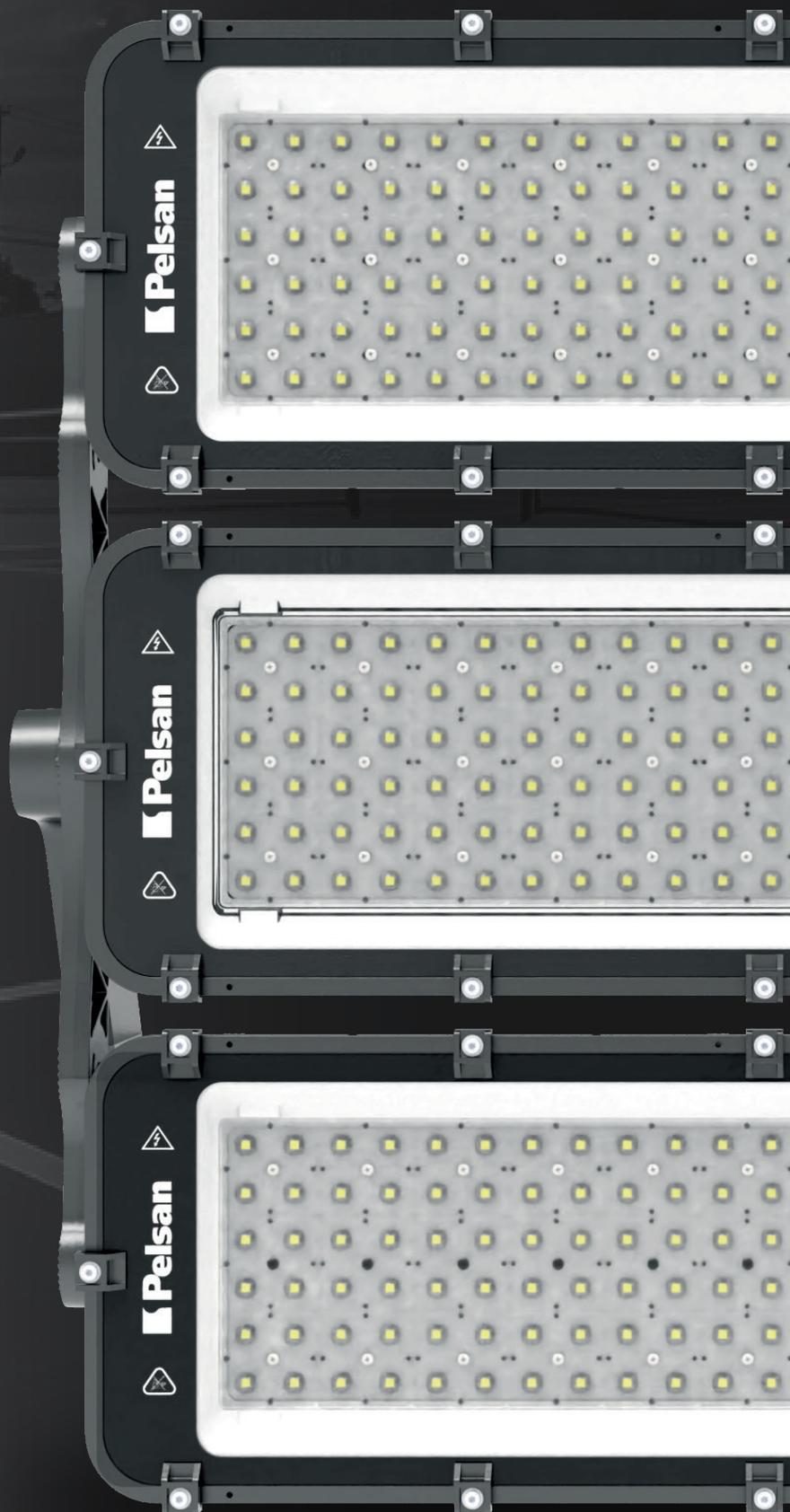
CRUZO G2

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HIGH POWER PROFESSIONAL
FLOODLIGHT

CRUZO G2



High Power Professional Floodlight for large areas and sports fields

CRUZO G2



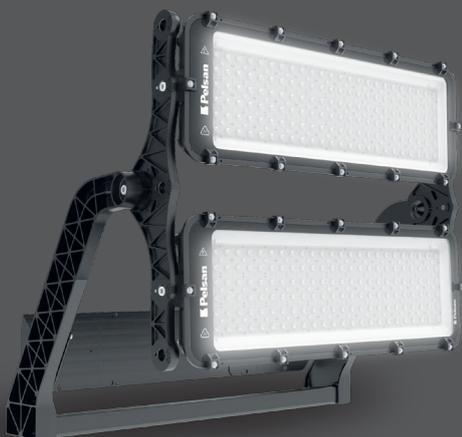
With its G2 version, the renewed Cruzo is now a professional solution for stadiums, squares and large areas with a wide power option up to 1800W and a wide lumen package of up to 250.200lm.

Flexible

Cruzo G2 offers many features in one family, suitable for different conditions and different mast heights, which can be developed with automation options.

- 1 Module (300-600W) / 2 Module (800-1200W) / 3 Module (1000-1800W)
- 10°/17°/30°/60°/90°/Asymmetric lens options
- High protection in coastal areas with marine paint
- Wide range of automation options (DMX RDM, DALI, 1-10V, Step DIM)
- CRI90, Flicker Free
- Class I/II option

Wide Optic Design



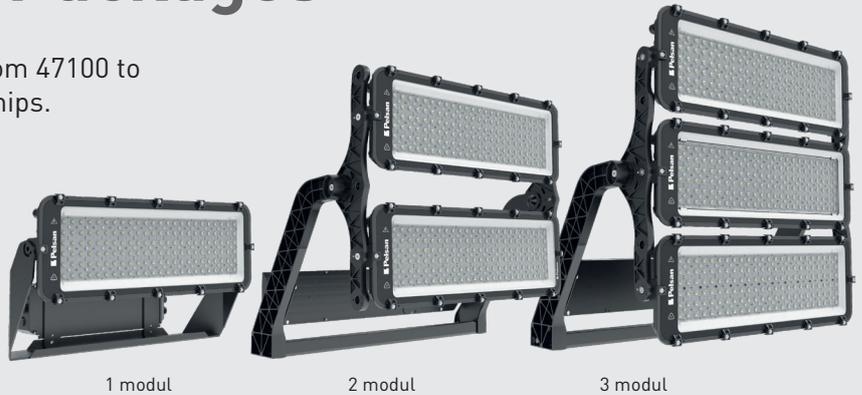
Cruzo G2 offers 42 optical options for different application areas offers a definitive solution in a family.

- Angle adjustable aluminium injection moulded brackets
- $\pm 30^\circ$ adjustable angle of each module
- Wide range of lens options from 10° to 90° and asymmetric options
- Standard 7 different lumen packages, customisable light output

Diverse Lumen Packages

Cruzo G2 offers wide lumen packages from 47100 to 250200 with high efficiency Power LED chips.

1 module : 47100lm - 83400lm
2 modules : 128000lm - 175200lm
3 modules : 222000lm - 250200lm



Thermal Heat Resistance

During the use of luminaires, heating occurs in the driver and pcb area over time. If the heat dissipation of the components is not designed effectively, it may cause deterioration in the luminaire.

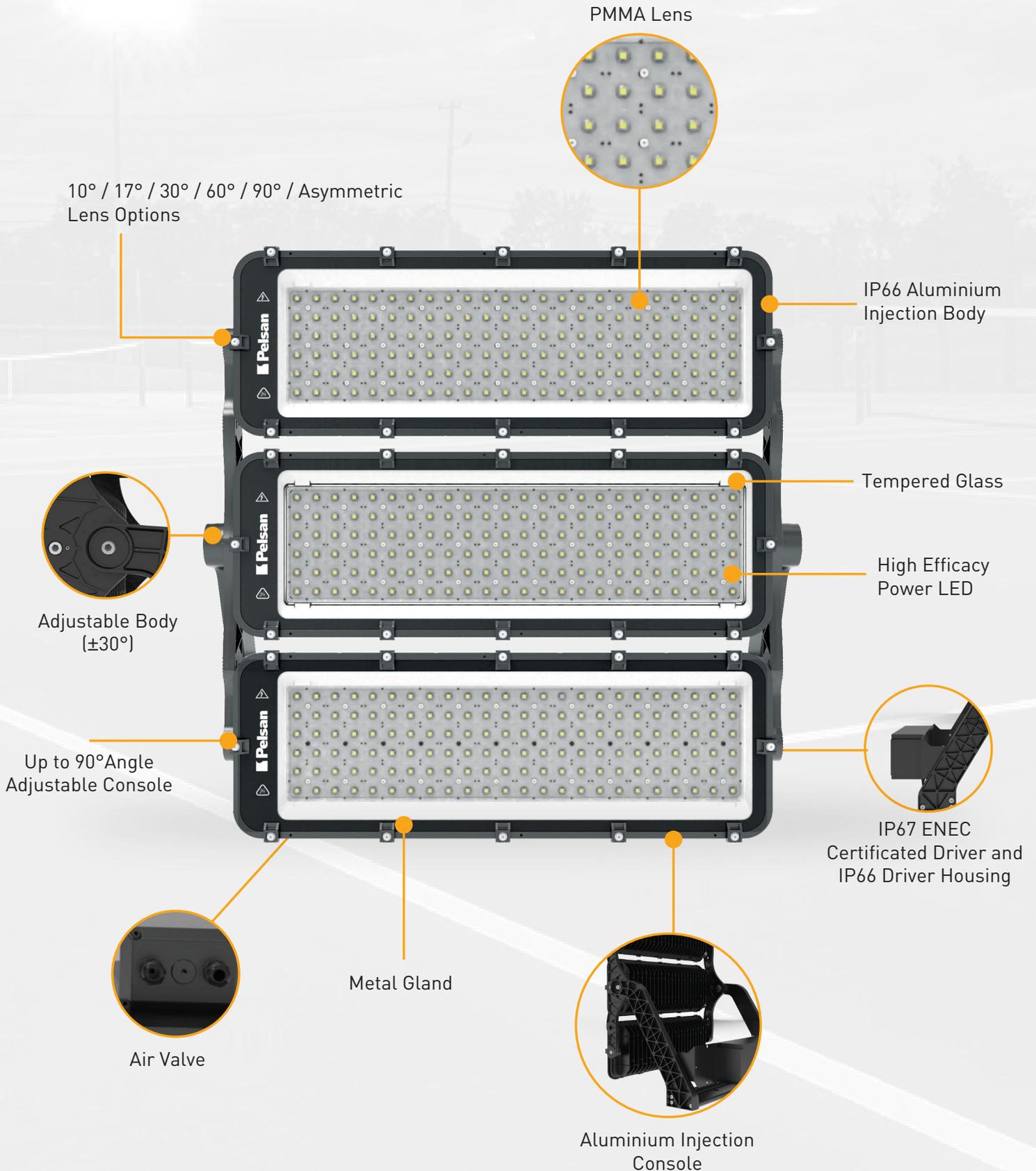
Cruzo G2 maximises thermal heat resistance with its new design. Thanks to its monolithic, federated aluminium injection body structure and separate positioning of the LED module and driver housing, it provides maximum heat dissipation.

Long Lifetime

High power floodlights operate in harsh environmental conditions such as extreme and sudden temperature changes, sudden voltage fluctuations, lightning strikes and wind.

Cruzo G2 offers long-lasting high performance with its superior and unique electrical, mechanical and thermal design.





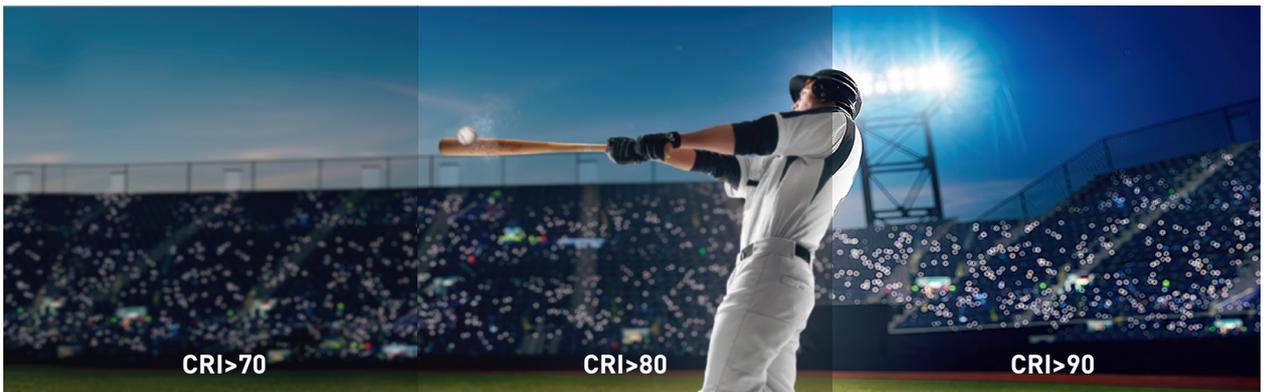
HD Boardcast



Flicker Free



CRI90

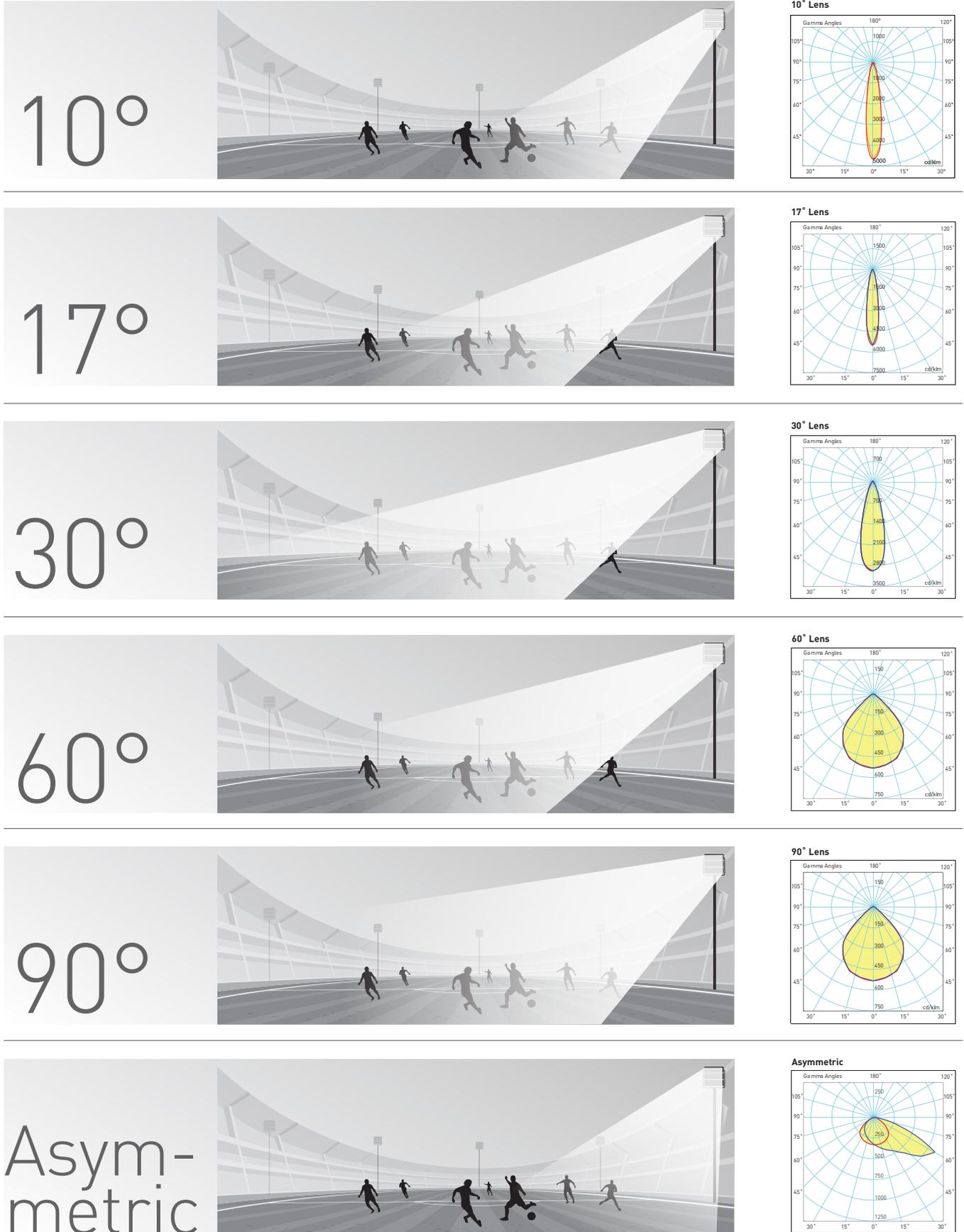


DALI, DMX RDM



Options

Wide Range of Optics





Mechanical Specifications

Body	Aluminium
IP Rating	IP66
IK Rating Body	IK09
Weight (kg)	18 - 29 - 38kg
RAL Code	7043
Dimensions (mm)	716x387x319 / 816x723x479 / 816x821x479



Electrical Specifications

Power	500-1000-1500-1800W
Luminous Flux	70.000 - 150.000 - 222.000- 250.200lm
Efficacy	140 - 150 - 148 - 139 lm/W
LED Chip and Driver Brand	Samsung - IP67 ENEC Certified Driver
LED Chip Lifetime	T _s =85°C 100.000h
LED Driver Lifetime	T _c @65°C 120.000h
Input Voltage	180-305Vac (300-1000W) 198-440Vac (1200W) 180-528Vac (1500-1800W)
Frequency	47-63Hz
Power Factor	>0,95
SPD	10kV
Total Harmonik	%10
Operating Temperature	-40°C / 50°C
Class	I



Optical Specifications

Luminous Flux	70.000 - 150.000 - 222.000- 250.200lm
Efficacy	140 - 150 - 148 - 139 lm/W
Lens	PMMA
Diffuser	Tempered Glass
CRI	>70
Color Standard	Quarter Bin
Colour Temperature	4000K - 5700K - 6500K

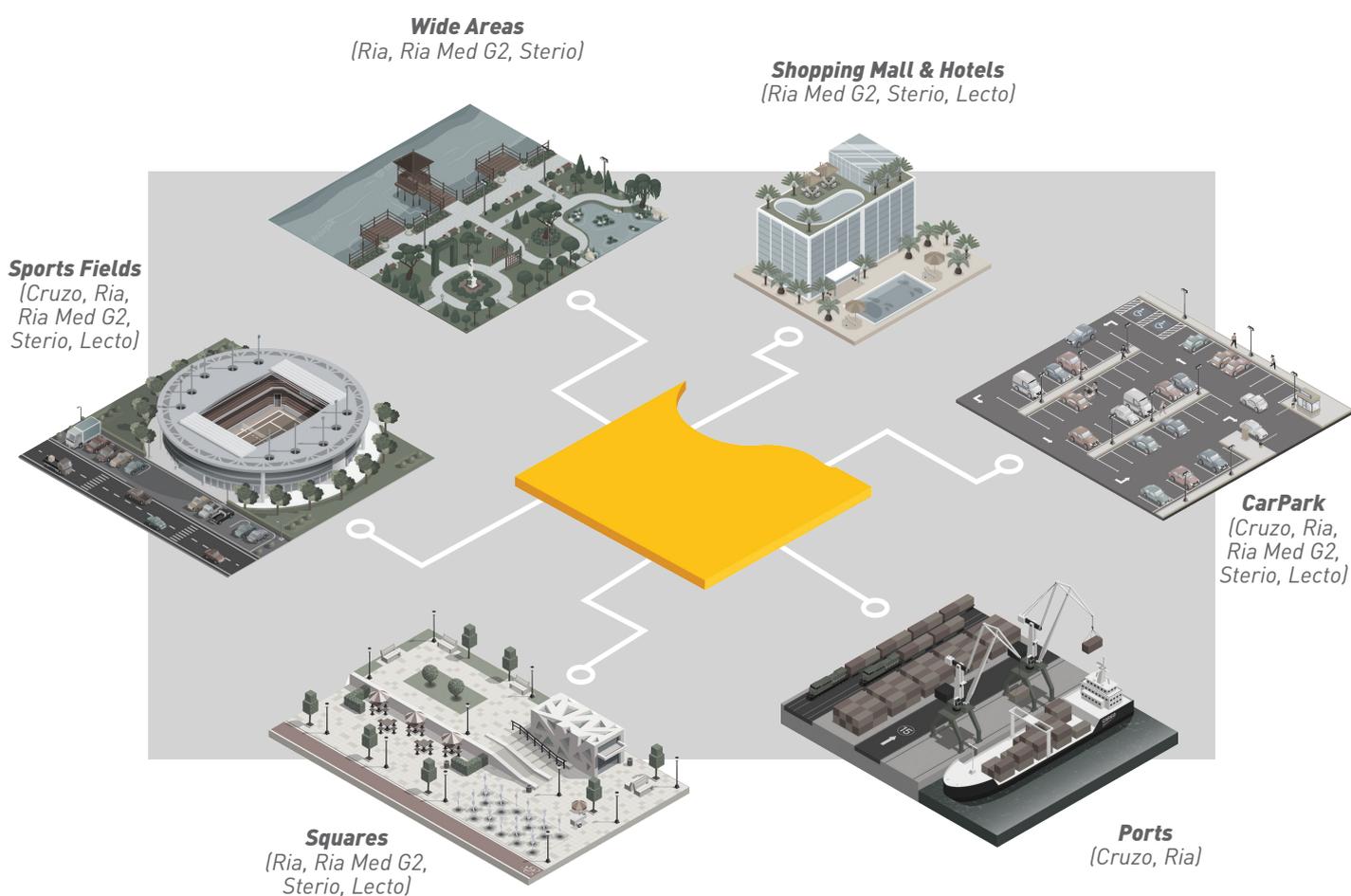


Optionals

DALI	Suitable
DMX RDM	Suitable
1-10V	Suitable
2 Step Dim	Suitable
Class I / Class II	Suitable
RAL Code	Suitable
Marine Painting	Suitable
External SPD	Suitable



Application Areas



Other Floodlights

						
						
Type		Cruzo G2	Ria Lens	Ria Med G2	Ria Med S	Lecto
Lumen Package		471000lm 250200lm	30800lm 60800lm	8820lm 276050lm	4050lm 13000lm	3000lm 50000lm
Power		300W-1800W	200W-400W	60W-200W	30W-100W	30W-500W
Efficacy		Up to 160lm/W	Up to 154lm/W	Up to 147lm/W	Up to 140lm/W	+100lm/W
Driver Lifetime		Tc@65°C 120.000h	Tc@65°C 120.000h	Tc@65°C 120.000h	Tc@65°C 120.000h	>30,000h
Warranty		2 Year	5 Year	5 Year	5 Year	2 Year
Optic		10°/30°/60°/90° Asymmetric Lens	30°/60°/90° Asymmetric Lens	30°/60°/90° Asymmetric Lens	30°/60°/90° Asymmetric Lens	Symmetric/ 120° Reflector
OPTIONS	DALI	✓	✓	✓	✓	
	2 Step	✓	✓	✓	✓	
	1-10V	✓	✓	✓	✓	
	Photocell					
	Electrical Protection	I/II	I/II	I/II	I/II	I
	RAL Code		✓	✓	✓	
	Marine Painting	✓	✓	✓	✓	

Pelsan



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