

PEGASUS

LED LIGHT ENGINES

Caribou

PEGASUS LED LIGHT ENGINES & ACCESSORIES

The Pegasus LED light engines were designed for use with MR16 optics (50 mm) in mind. The modularity of these LED Engines allows you to combine different lenses and reflectors in order to get the result you expect for a variety of different lighting applications.

Caribou





LED Engine

External Driver

5 Optics

- HEL Series
- HER Series
- LPL Series
- LGL Series
- ADL Series

4 LED Chip

- Single color
- Dim-to-warm
- Sun
- Tunable white

5 Outputs

- 6W
- 9W
- 10W
- 13W
- 18W



LED Engine

Built-In Driver

5 Optics

- HEL Series
- HER Series
- LPL Series
- LGL Series
- ADL Series

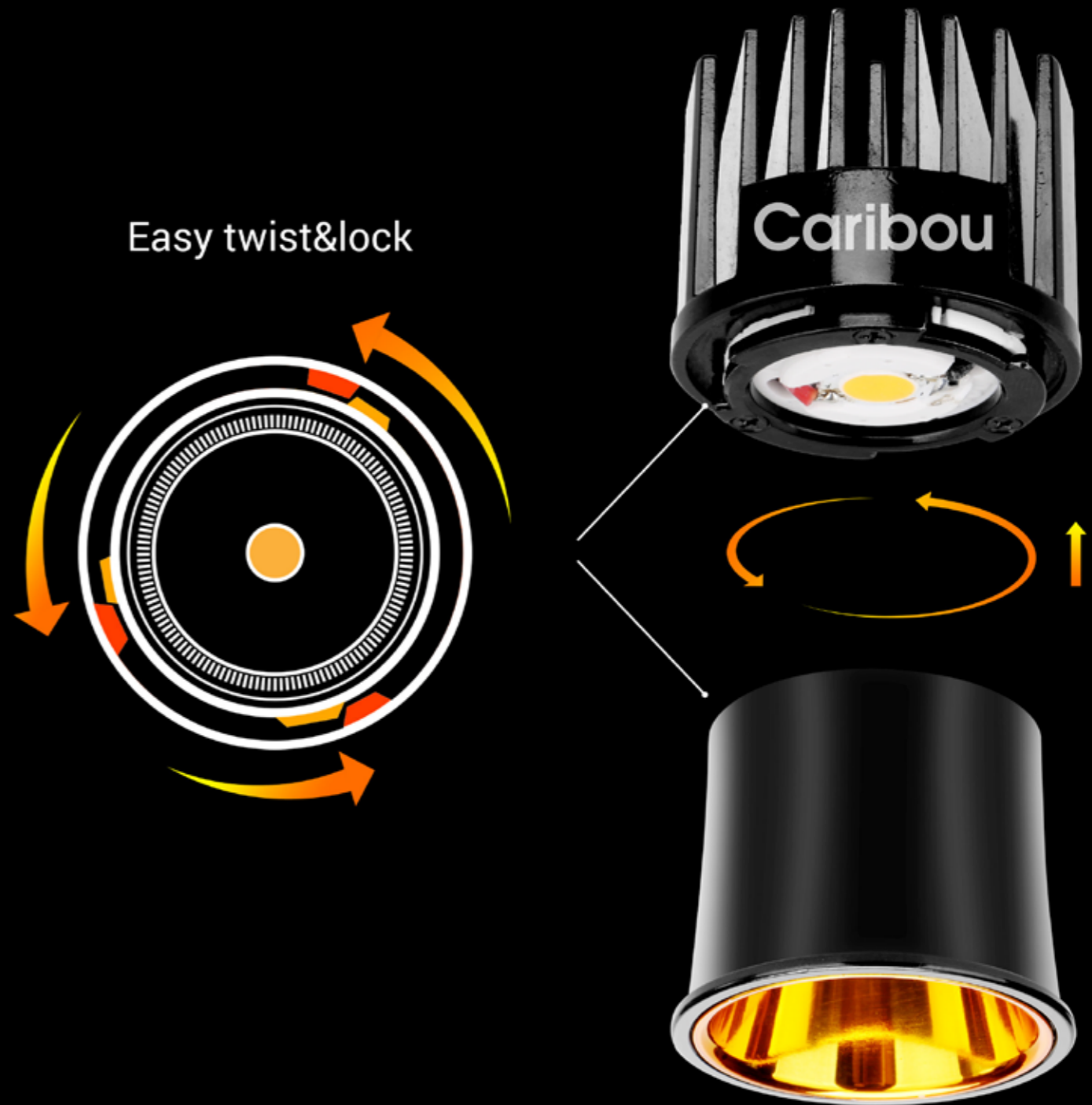
2 Outputs

- 8W
- 10W

Q-CONNECT

Connect the LED Light Engine & Optics Fast.
Save time and Save Money!

All Pegasus light engines can be interchanged quickly by our patented designed Q-Connect system.



LED Light Engines

WITH EXTERNAL DRIVER

Pegasus offers 5 output options for LED light engines with external driver. They can power to 6W, 9W, 10W, 13W and 18W. You can specify a lumen output anywhere from 500lm to 1800lm, making Pegasus a very versatile solution for Homes, Hotels, Commercial & Retail projects.



6W

9W

13W

18W

10W

6W + LP SERIES

35mm



10W + LP SERIES

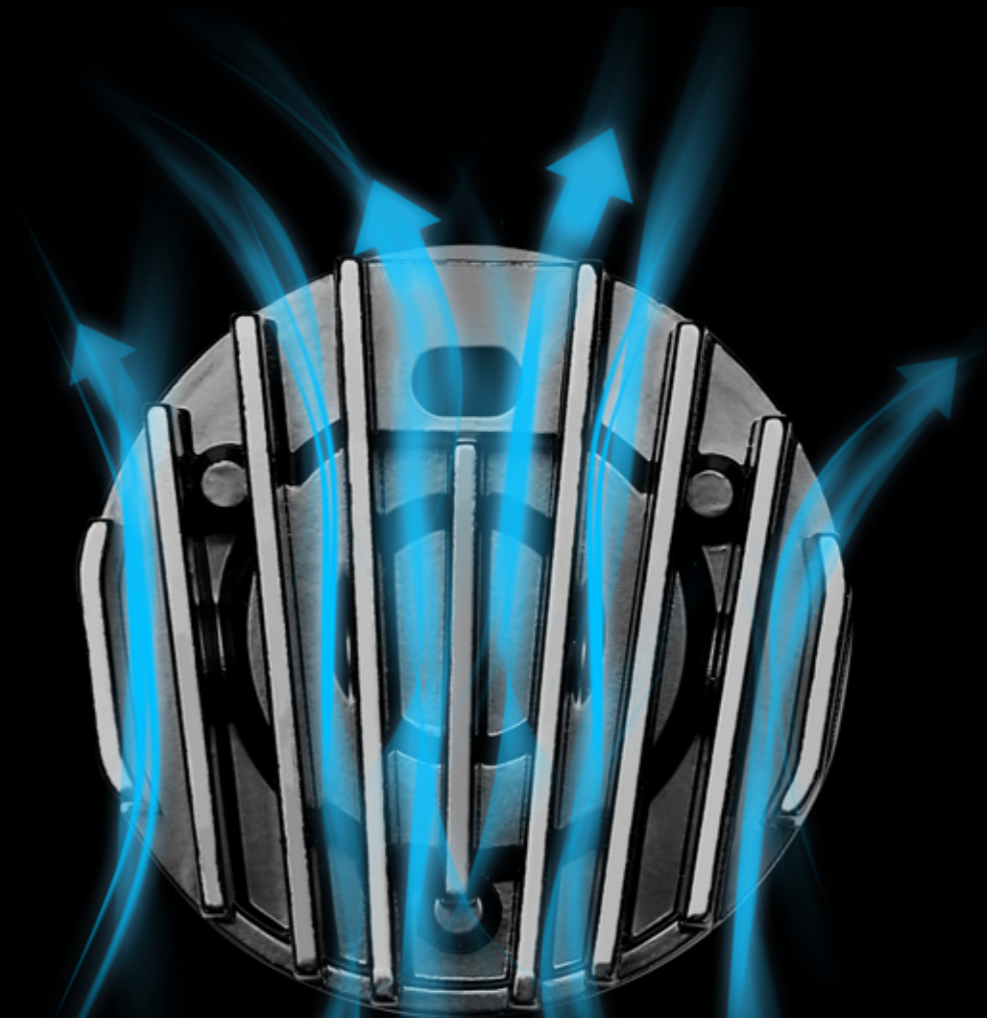
35mm



Heat Sink Technology

The transfer of heat from the LED Chip (CoB) to the luminaire body or heat sink constitutes the internal thermal management of an LED luminaire. Heat conduction through the Heat Sink is the most efficient heat transportation mechanism. The Pegasus LED light engines feature a heat sink

design built specifically for the requirements of the Bridgelux chip on board (Cob). The temperature of the heat sinks across the Pegasus range are controlled to a range of 60°–70°c when in operation.

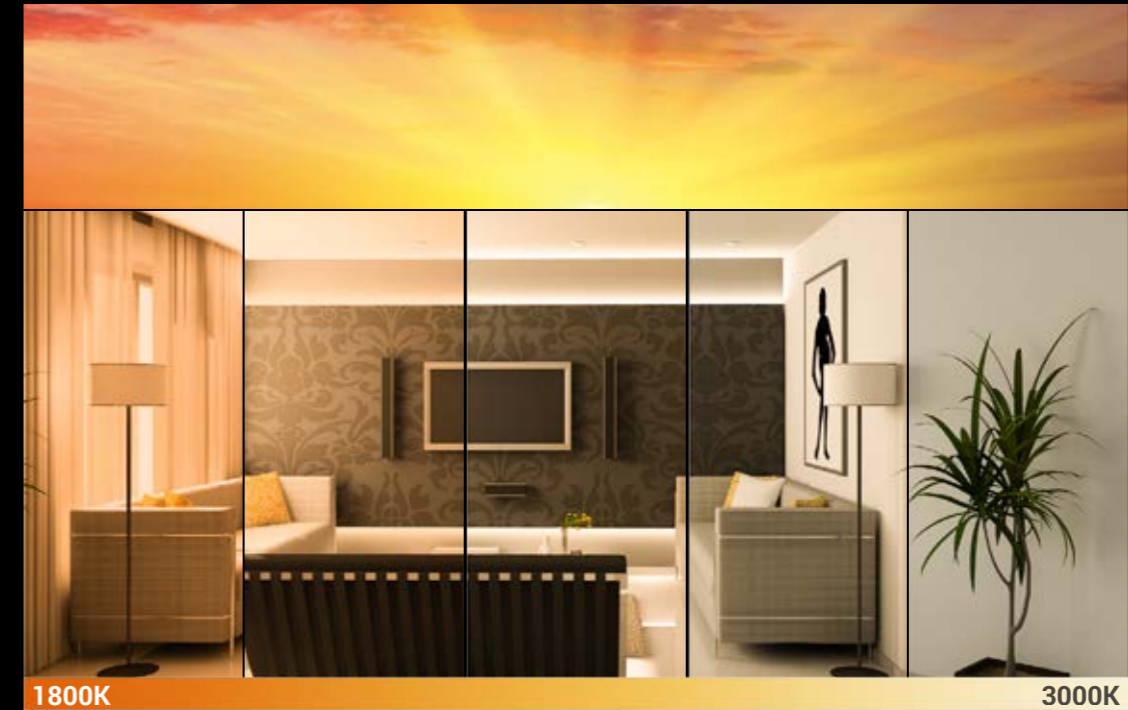


4 Colour Temperature

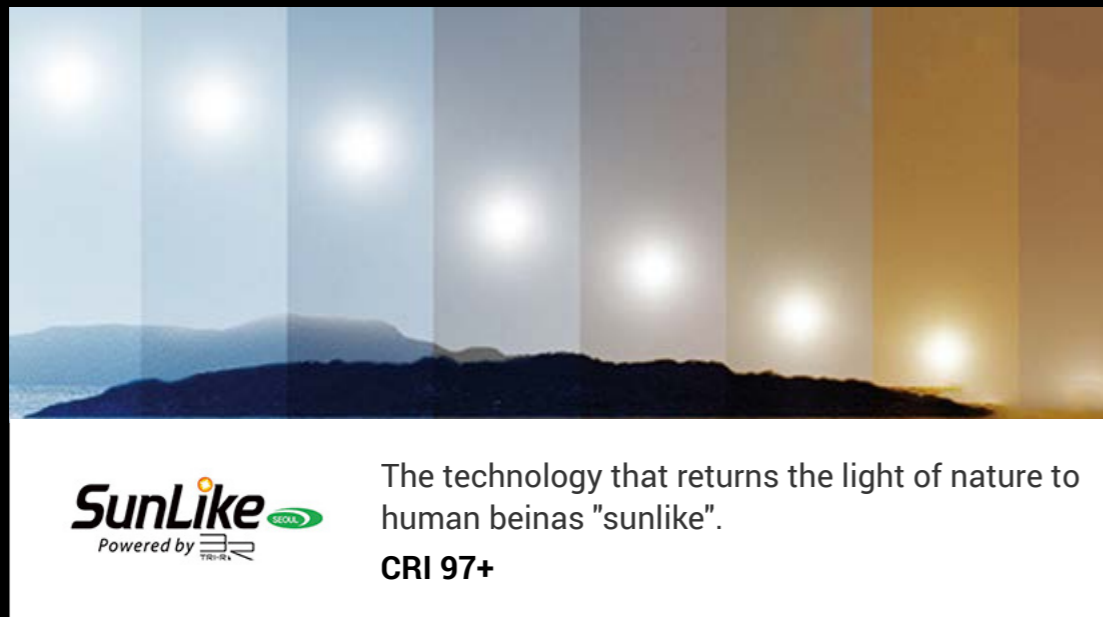
Single colour | Dim-to-warm | Sunlike | Tunable white |



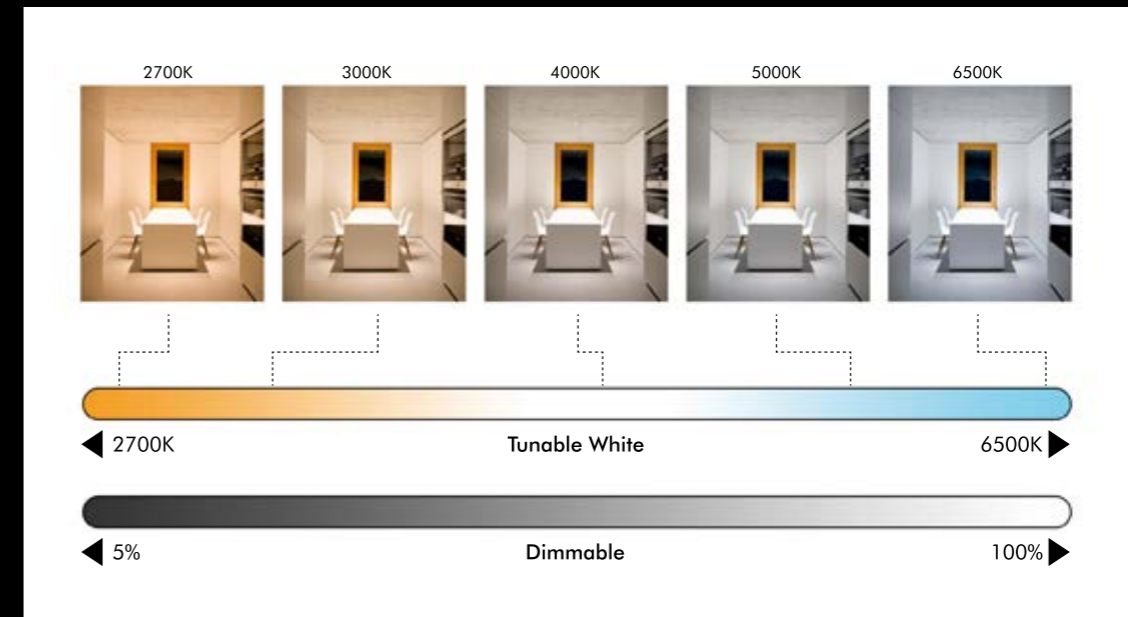
Single colour | 2700K/3000K/4000K



DIM TO WARM | 1800K-3000K



Sunlike | 2700K/3000K/4000K | CRI 97+



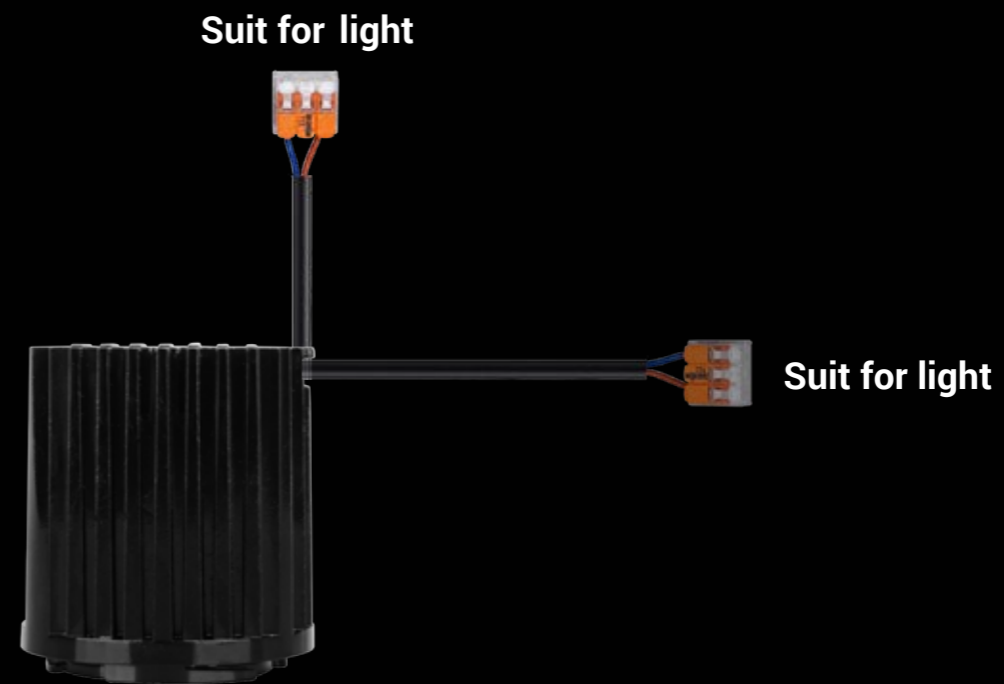
Tunable White | 2700K-6500K

LED Engine

with Built-In LED Driver

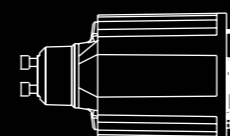
Pegasus also offers light engines with built-in power supplies. Available in two power options (6W & 12W (550lm & 1100lm). You can enjoy the benefits of flicker free and phase cut dimming as standard. Available with a choice of four connection methods; Flex & Plug, Quick Junction Point, GU10 base or WAGO Connection Terminal.



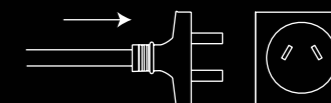


4 ways to connect the power.

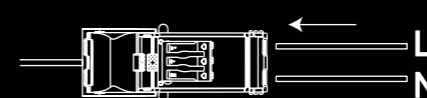
① GU10



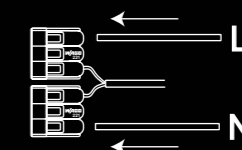
② Australian plug



③ Quick junction box



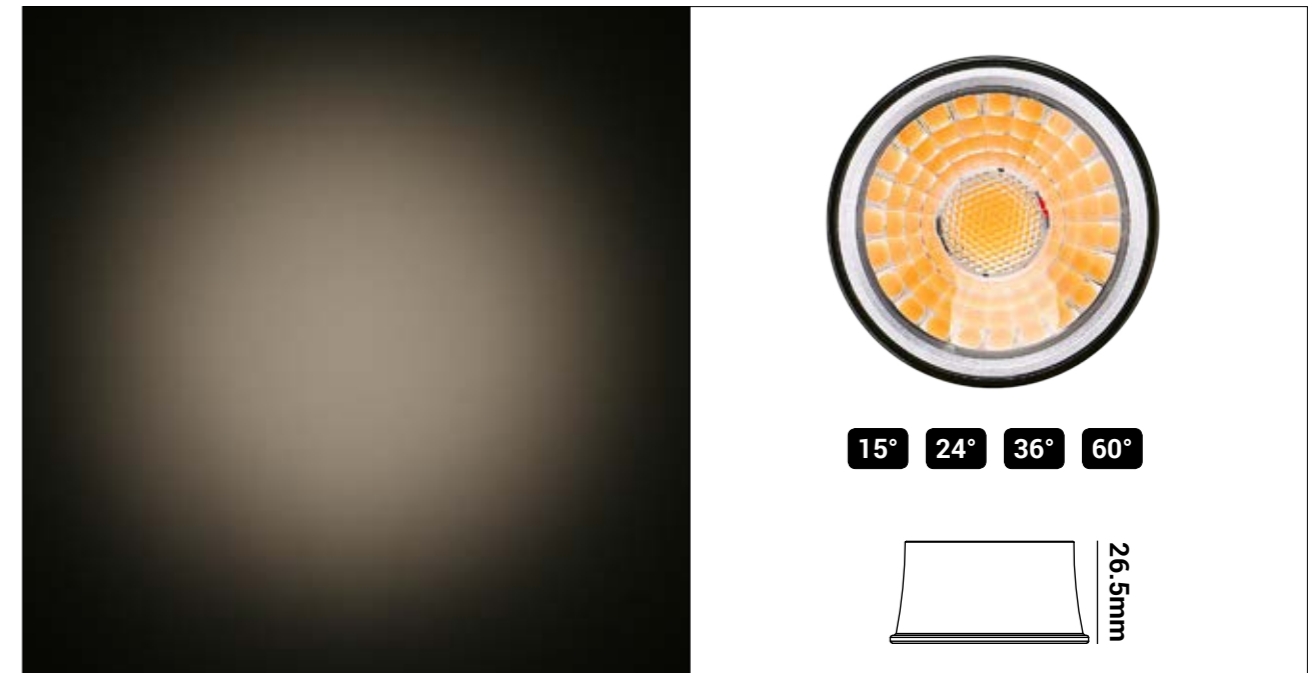
④ WAGO Connection terminal



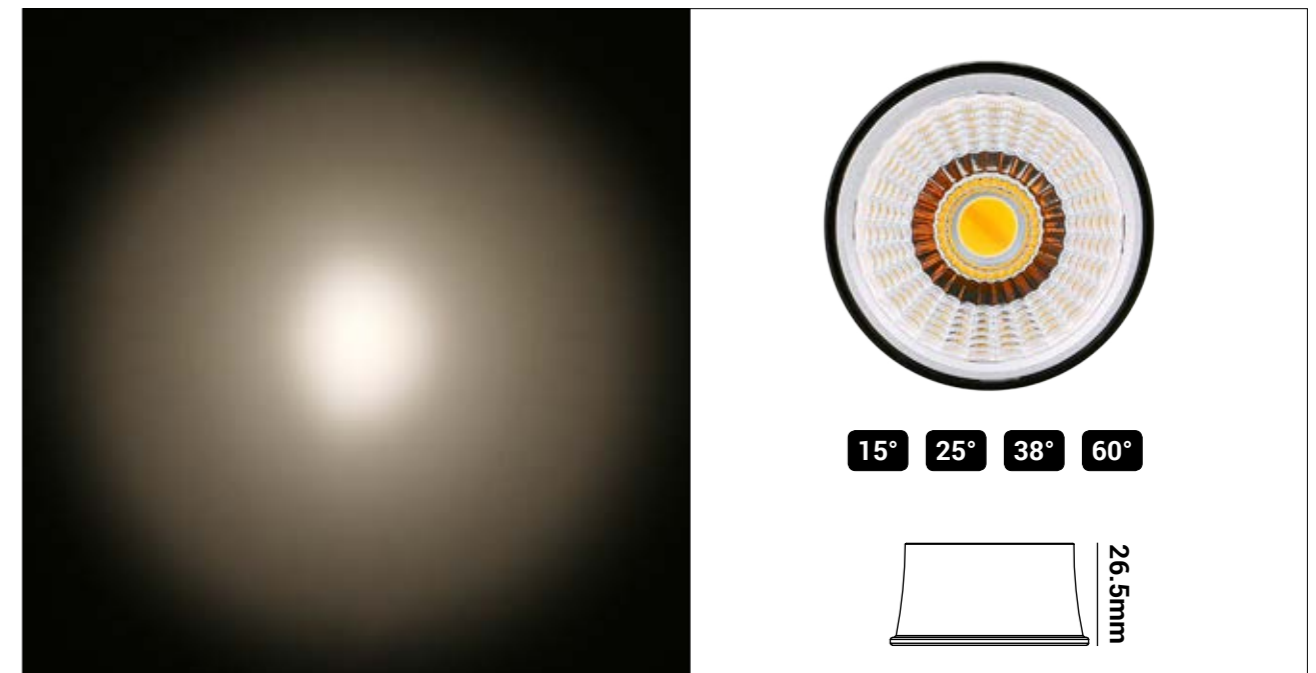
LED Optics & Accessories

Pegasus offers five (5) kinds of optics, including the HEL Series, HER Series, LGL Series, LPL Series and ADL Series. All optic accessories are constructed of cast aluminium to guarantee

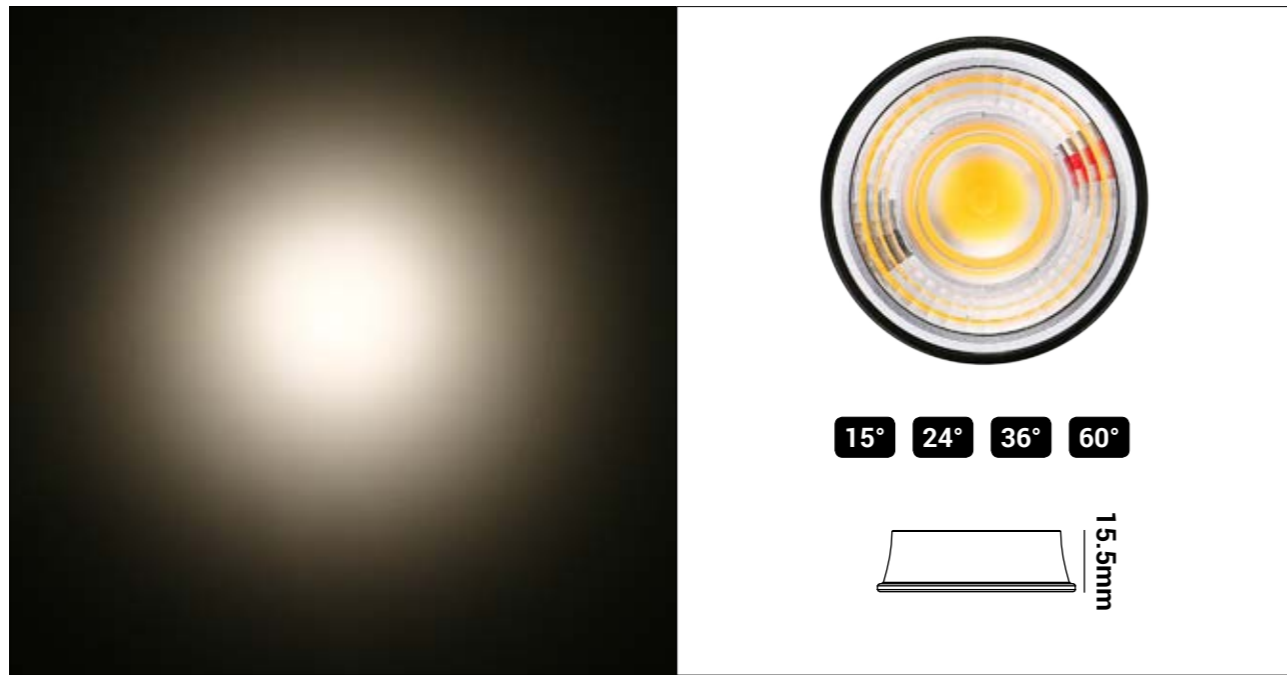
quality and durability. The MR16 design make the widely practical for Residential and Hotel projects particularly and combined with the Q-Connect attachment design, they are quick and easy to install.



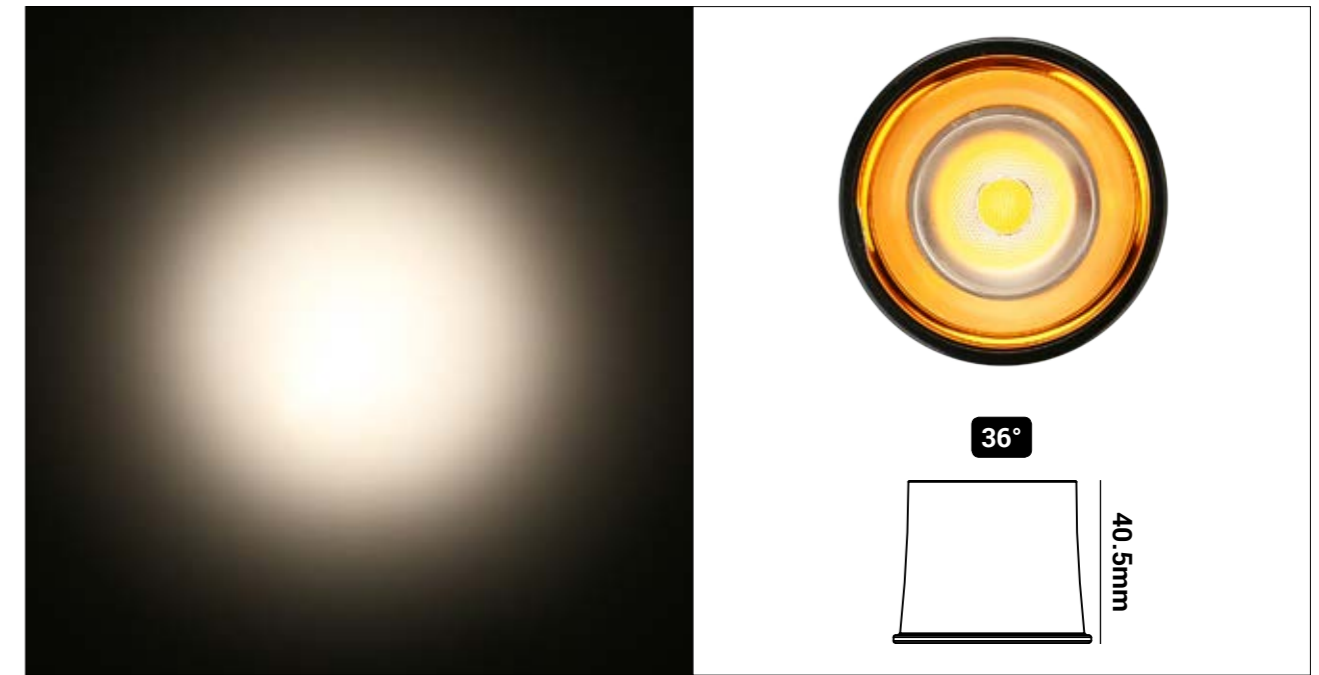
HEL SERIES High Efficiency Lens series. Classic reflector design provides high level of transmission with low glare ratio.



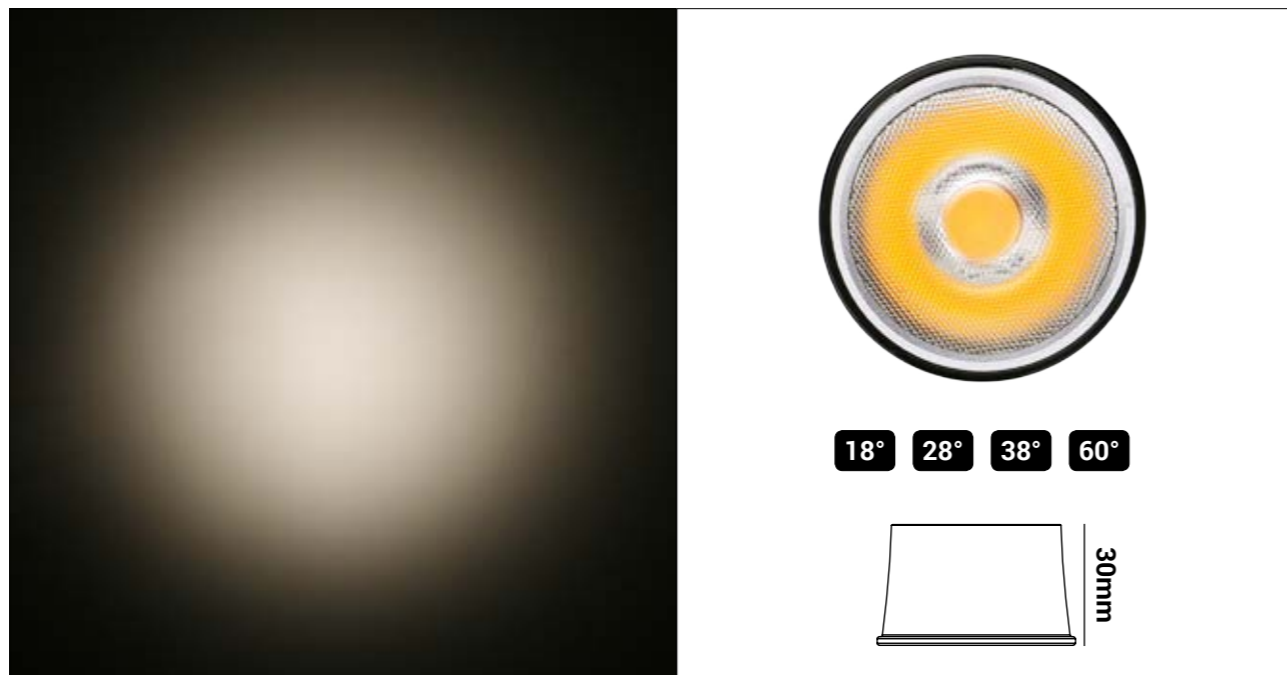
HER SERIES High Efficiency Reflector series. Designed to be similar to a traditional halogen lamp. The reflector surface is produced by vacuum plating the aluminium which creates a high quality professional outcome for designers.



LPL SERIES Low Profile Lens series. Combining quality optics with a low profile solution for tight ceiling spaces. The reflector surface is produced by vacuum plating the aluminium which creates a high quality professional outcome for designers.



ADL SERIES Architectural Design Lens series. A combination of light distribution and glare control. The anti-glare ring sets are available in 4 colour options (White, Black, Silver & Gold) to meet the needs of the Designer for Hotel, Commercial and Retail projects.



LGL SERIES Low Glare Lens series. Designed for the professional market and mainly used in high end architectural projects such as Hotels, Luxury Homes and High Street Retail. The LGL accessories have precise cut-off and exceptional glare control.

