



SETO ALDEBARAN® RAPTOR RP LED SERIES

Designed to replace energy-intensive radiators

Efficiency redefined – like the prehistoric Velociraptors, the **ALDEBARAN® RAPTOR RP LED SERIES** of spotlights are among the most efficient representatives of their kind. Designed to replace energy-intensive conventional halogen spotlights, this series embodies our combined engineering expertise. The SETO XPECT® lens system collects the LED light generated and, through a multitude of specially calculated individual lenses, creates perfect illumination of the application site. The beam pattern generated is not only modelled on that of a conventional halogen spotlight, but has also been significantly optimized. The result speaks for itself: continuously uniform illumination of the surrounding area.

An LED spotlight from the **ALDEBARAN® RAPTOR SERIES** consumes less than one-sixth of the energy of a comparable halogen spotlight, while providing up to 40 percent more light.

PRODUCT FEATURES

- Low energy consumption
- Low operating temperature
- Homogeneous light distribution thanks to asymmetrical SETO XPECT® lens system
- No replacement of LED light sources necessary
- Maximized overall efficiency
- Optional accessories



For products with the quality seal **REAL Lumen (RL)** specified max. Lumen measurements are basically **real** values in relation to the product incl. reflector, diffuser etc. and corresponding **not only to the theoretical** maximum values of the used light source. For this purpose, we measure appropriately labeled products in our own light laboratory under real conditions of use.

TECHNICAL DATA

Electrical data	ALDEBARAN® RAPTOR				
	RP500 LED	RP1000 LED	RP2000 LED	RP1500 LED	RP3000 LED
Operating voltage	100 to 240 V AC				
Power consumption	65 W	160 W	150 W	180 W	220 W
Luminous data					
Illuminant	1 x XPECT® LED module	2 x XPECT® LED module	2 x XPECT®2 LED module	3 x XPECT® LED module	3 x XPECT®2 LED module
Luminous flux	7,000 lm	16,000 lm	26,000 lm	20,000 lm	41,100 lm
Luminous flux (REAL Lumen)*	6,300 lm	14,500 lm	24,300 lm	18,500 lm	35,600 lm
Colour temperature	5,000 K				
CRI	> 70				
Beam angle	60°	30° x 60°	40°/60°	30° x 60°	40°/60°
Life time	50,000 h				
General data					
Ambient temperature approx.	-40 to +59 °C				
Dimensions (l x w x h) approx.	272 x 340 x 142			352 x 340 x 142	
Item no.	1410000828	1410000827	1410000862	1410000825	1410000864

* Lumen = lm / The "REAL Lumen" are REAL measured light output quantities.

* Weight specifications include cable



ALDEBARAN® RAPTOR WITH 12/24 VOLT	
Electrical data	RP2000 LED 12/24 V
Operating voltage	10,5 to 35 V DC
Power consumption	120 W
Luminous data	
Illuminant	2 x XPECT®2 LED module
Luminous flux	18,500 lm
Luminous flux (REAL Lumen)*	17,000 lm
Colour temperature approx.	5,000 K
CRI	> 70
Beam angle	40°/60°
Life time	50,000 h
General data	
Ambient temperature approx.	-30 to +35 °C
Dimensions (l x w x h) approx.	272 x 340 x 142
Item no.	1410000852

