



TECHNICAL INFORMATION

LIGHT OUTPUT ¹	
NARROW BEAM	2800 lm (14°)
WIDE BEAM	2600 lm (37° x 28°)
COLOR TEMPERATURE	4500 K (Neutral white)
NOMINAL VOLTAGE RANGE DC	12 V to 24 V
INPUT VOLTAGE RANGE DC	10 V to 32 V
MAX POWER CONSUMPTION	36 W
CURRENT 12 V	3 A
CURRENT 24 V	1,5 A
LENS MATERIAL	PMMA (Acrylic)
LENS COVER MATERIAL	Scratch resistant PC (Polycarbonate)
CASING	Aluminum (IP 68)
WEIGHT	0,8 kg
OPERATING TEMPERATURE	-40 °C to +85 °C
DIMENSIONS	183 mm x 43 mm x 97 mm
ESTIMATED LIFETIME	~40 000 hours of use ²
NUMBER OF STARTUPS ³	Infinite

INTERNAL PROTECTION

- Zero interference regulator
- Inrush current disabled
- Gradual softstart ~600 ms
- Gradual overheat protection⁴
- Under- and overvoltage protection⁵

1. Light output at 55 °C casing temperature, corresponds to an ambient temperature of 25 °C without air flow or additional cooling. Any attachment point that keeps a temperature of 50 °C or less counts as additional cooling.
2. LED light output at 70 % or more.
3. Maximum amount of switch-on events during lifetime.
4. Starts to reduce power at 75 °C casing temperature, fully off at 82 °C casing temperature.
5. The light maintains full power when casing temperature is under 75 °C and input voltage is 10 V to 32 V. The undervoltage protection is gradual, the light will not switch off immediately but dims itself down when the voltage goes down and is completely off at 9,3 V.