

## Quatt 380-496-HBG Ceiling Light Installation Instructions



**Please take note of the installation and cable instructions before use!**

*The lights can only be operated using a tested power pack of protection category II with SELV equivalent to 48 VDC output voltage.*

### Technical Details for machine lighting

Areas of application	Ceiling lighting, hall lighting, office lighting (In accordance with various energy standards possible)
Operating voltage	type 48 VDC
Output	type 100 W (at 17,000 lumens)
Light colour	available in 3000K, 4000K, 5000K, 6500K (others available on request)
Luminous intensity type	17,000 (S5)
Angle of radiation	120°
Connector cable	3x1.5mm <sup>2</sup> , ~300 mm +/-20 length
Protection type	IP50 lights
Weight in kg	~5.1 kg
Protective glass	Polycarbonate disc, available as clear or opal glass
Casing	anodised aluminium
Ambient temperature ta-min	-25°C
Ambient temperature ta-max	+50°C
Storage temperature	-40 to 80°C

### Technical Details Power Supply

Power pack	HBG-160-48
Input voltage of power pack	100VAC – 230VAC, 50-60Hz
Max. Power consumption of power pack	160 W
Output voltage of power pack	Max. 48 VDC
Protection category of power pack	II with SELV certification

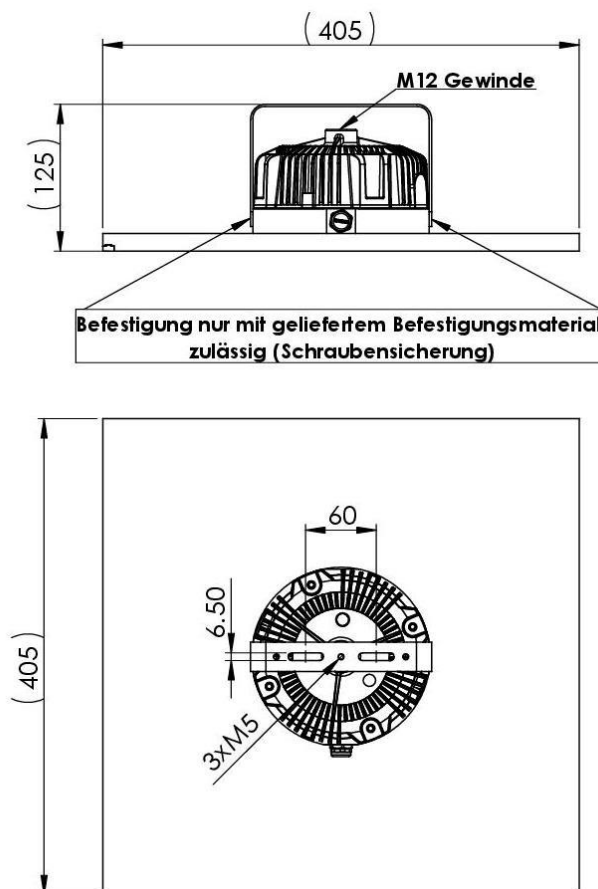
## Installation instructions / tips

- Always leave the installation to authorised professionals. You work with currents and voltages which could be fatal. Please ensure that all of the cables used have the correct voltage number.
- All of the cables should be free of electrical power before the installation begins. Remove the relevant fuses in the fuse box.
- Please note that our ceiling lights should only be used in enclosed spaces in accordance with their protection type (IP50)
- Improper installation and / or use of unsuitable installation materials can result in material damage or injury to persons.
- The lights should only be fitted using the manufacturer's own fixing materials.
- Fix the lights at min. 2 x fixing points on the bracket (take note of tips / instructions in image)
- Avoid direct sunlight
- Operation in excess of 50°C shortens the lifespan of the LEDs
- Keep the power supply line as short as possible
- The cable screws should not be opened, otherwise the warranty/guarantee is rendered invalid

## Hazard information



- Installation of the power pack should adhere to the operating instructions, local rules and regulations
- Do not stare at the LEDs at close range



16032017