

Lighting system

Cost effective, high output LED lighting system that can be daisy chained up to 10 lights long



High-performance

Flexible system to brightly light multi-purpose tents, allowing mission critical operations to continue after dark



Compatible

Suitable to be used in all NRS Relief multi-purpose tents and to light a wide variety of activities.



Easy deployment

Designed specifically for rapid deployment and break down, making it ideal for emergency response situations.



All climate zones

The lighting system can withstand high humidity and extreme temperatures from -20C to +40C



Eco friendly

All materials can be reused or recycled.

Lighting system

Technical specifications

General description

Components include:

- 1x light tube with hanging system
- 1x cable with plug and switch (5 m) and 1x cable to connect lights (3 m).
- The lighting system can be operated in extreme environmental conditions: between -20°C and 40°C, and >95% humidity. The lights are waterproof IP54 class
- The lights should be stored in the -20°C to 60°C temperature range.
- We recommend that the following number of lights be used in each tent size (figures shown for HuggyPROs 24, 42 and 72 respectively):
 - Basic accommodation / storage: 2 lights - 4 lights - 6 lights
 - Accommodation / medical ward: 4 lights - 8 lights - 12 lights
 - Intensive care / office: 6 lights - 12 lights - 18 lights

Materials

Aluminium casing and acrylic milk glass

Dimensions

130 x 5 x 6 cm (in a padded polyester bag)
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Weight

800 g (gross) 350 g (net)

Power

Input voltage: AC 85-265 V / 50~60 Hz

Input current (AC 220 V): 0.18 A

Output voltage: 36.5 V

Output current: 0.48 A

Efficiency: equal or greater than 0.85
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Power: 18 W

One LED work current: 0.06 A

Power factor: equal or greater than 99%

Lighting

Lifespan: > 50,000 hours

Luminous flux: > 1800 lm

Light efficiency: > 100 lm/W

THD: < 35%

Colour temperature: 6000 K - 6500 K

Ra: equal or greater than 80

Irritation angle: 180 degrees

Centre vertical illumination: > 650 lux (1m); > 260 lux (2m); > 130 lux (3m)
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