14820 / 14826 / 16205 - Quantec Segment Light for 18mm drill-hole, ICAO Low-intensity, Type A / B, 24 V

The Quantec segment lights completely integrates the control inside a compact housing. Upon the connection to a power supply, each obstacle light is ready for immediate use.

For illustration only: Segment light for 18mm drill-hole

Key features

- LightGood Pin
- Built in over-voltage protection: Class III according to IEC61643-11
- Single M12 connector for easy and fast installation
- Maintenance free
- Corrosion resistant materials for all surfaces
- Highly UV and ozone resistant optical units and seals

Performance characteristics

- Effective Intensity:
  - red: adaptable up to 32 cd
  - infrared: 25 mW/sr (IR option)
- Horizontal angle of radiation: >180°
- Vertical beam spread: >12°

Supported light profiles

- ICAO Low-intensity, Type A
- ICAO Low-intensity, Type B
- AVV 2015, Low-intensity, Type A
- AVV 2015, Low-intensity, Type A, ES
- STAC, Low-intensity, Type A
- STAC, Low-Intensity, Type B
- Infrared 25 mW/sr according to Trafi (IR option)

On / Off switching

- Externally by switching supply voltage on/off

Technical specifications

General

Item number	• 14826 (20 to 42 mm) • 14820 (20 to 42 mm, with IR option) • 16205 (86 to 102 mm)
Illuminant	2 red LEDs 2 infrared LEDs (IR option)
Approvals*	• AVV 2015 Hindernisfeuer ES • ICAO Annex 14, 7th edition • STAC
Conformity	CE, RoHs

* Depending on configuration

Electrical characteristics

Rated voltage		24 V DC ± 25%
Overvoltage protection		Class III according to IEC 61643-11
Status relay contact rating	Output voltage range	No failure: 12 V to 30 V Failure: Ground
	Max. current	6 mA

Physical characteristics

Supported wall thickness	• 20 mm - 42 mm • 86 mm - 102 mm
Dimensions	(H×W×L)
20 mm - 42 mm	86 mm × 62 mm × 82,8 mm
86 mm - 102 mm	86 mm × 62 mm × 142,8 mm
Required drill-hole diameter	min. 17.6 mm - max. 18.1 mm
Weight	approx. 270 g
IP rating	IP 68
Material	Anodized aluminum, seawater resistant
Mounting	Through hole mounting 2 magnets