**Q-BOL**

**APPLICATION**
- Runway Barricade light,
- Runway Threshold Light,
- Runway Edge light,
- Runway approach light
- Runway Apron light
- Taxiway lighting

**LIGHT COLOUR**
- Red 630 nm, Green 530 nm,
- White 5.700K, Yellow 590 nm,
- Blue 473 nm and IR 850 nm

**LIGHT SOURCE**
- LED

**LIGHT INTENSITY**
- as per Figure 1 on page 3

**VERTICAL BEAM PROFILE**
- as per Figure 1 on page 3

**COLOUR CHROMATIVITY**
- as per Figure 2 on page 3

**ENCLOSURE**
- GRP & Anodized aluminium

**MOUNTING**
- 4x magnet
- Optional mounting plate

**OPERATING VOLTAGE**
- 12 Vdc

**AMBIENT TEMP.**
- -25° to +65° C

**IN COMPLIANCE WITH**
- ICAO Annex 14
- FAA

**LIFE EXPECTANCY**
- 75,000+ hours

**IP INDEX**
- IP 67

**WEIGHT**
- 9.35 kg.

**BATTERY**
- Rechargeable

**ENERGY STORAGE**
- On-board battery status

**CONSTRUCTION**
- UV-resistant polycarbonate lens

**BATTERY**
- 12V, 12AH A-Quality

**DIMENSIONS**
- 184x184x278 mm (LxWxH)

**PACKAGING DIMENSION**
- 200x200x300 mm (LxWxH)

**DESCRIPTION**

The Q-Portable lighting products are the smallest in the market. This reduces obstructions next to the runway or at barricades.

The Q-BOL is available in several configuration from single colour portable light to multi-purpose portable light including IR.

**ORDER CODE**

Q20PT00 - Q-BOL

11  Q-BOL single colour
12  Q-BOL multi-colour
13  Q-BOL multicolour + IR
MAIN DIMENSIONS

The main dimensions and mounting are displayed dimensions in the image below:
COLOUR INFORMATION

In the figure below the chromaticity of each colour is displayed:

![Light Output Q-Portable](image)

**Figure 1; Light output graph**

![Effective power vs Wavelength](image)

**Figure 2; Colour chromaticity vs ICAO annex 14.**

![Colours for aeronautical ground lights](image)

**Figure A1-1b. Colours for aeronautical ground lights (solid state lighting)**