Q-SPAL

TECHNICAL DETAILS

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 chromaticity: as per Figure 2 on page 3

Enclosure: GRP & Anodized aluminium

Mounting: 4x magnet

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 (solar)

Solar Energy: High efficiency solar cells 14 Watt

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)

CERTIFICATES

DESCRIPTION

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

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

ORDER CODE

Q21PT00 – Q-SPAL

11 Q-SPAL single colour
12 Q-SPAL multi-colour
13 Q-SPAL multicolour + IR
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:

Figure 1; Light output graph

Figure 2; Colour chromaticity vs ICAO annex 14.