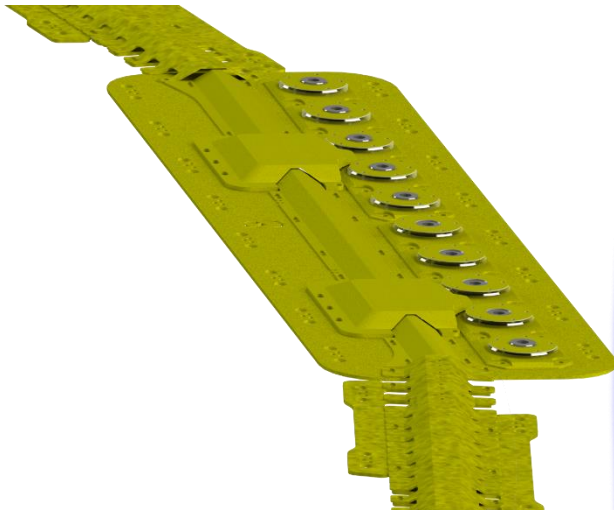


Q-Aviation Lighting / Helideck Lighting / Q-TD/PM System

Q-TD/PM SYSTEM



CERTIFICATES



Q64RI03 – Q-TD/PM System

TECHNICAL DETAILS

| | |
|---------------------------|---|
| Application: | Helideck |
| Classification: | Safe Area |
| Light Source: | LED, steady burning |
| Light Colour: | H-System: Green 530 nm C-System: Yellow 590 nm |
| Light Intensity: | as per CAP437 |
| Vertical Beam Profile: | as per CAP437 |
| Colour chromaticity: | as per CAP437, 530 nm and 590 nm |
| Enclosure: | H-Unit: Aluminium, white RAL9010 grip coated C-Unit: Aluminium, yellow RAL1018 grip coated |
| Mounting: | Riveted / Bolted / Glued |
| Input Voltage: | From Controller |
| External Earthing: | Base plate |
| Ambient Temp: | -25° to +65° C |
| In Compliance With: | CAP437 |
| Consumption: | 90 Watt |
| Life expectancy: | 100.000+ hours |
| IP index: | IP 67 |
| Baseplate dimensions: | H-Leg: 4x 800 x 165 8x 5 mm SS316 (LxWxH) H-Centre: 2x 770 x 750 x 5 mm SS316 (LxWxH) H-Middle: 1x 1500 x 806 x 5 mm SS316 (LxWxH) C-Unit: 1300 x 350 x 5 mm SS316 (LxWxH) |
| Light segment dimensions: | H-segment: 744 x 100 x 19,5 mm (LxWxH) C-Unit: 619 x 100 x 19,5 mm (LxWxH) |

DESCRIPTION

The Q-TD/PM System is superimposed on the yellow painted marking. It comprises a concentric circle of at least 16 discrete lighting segments. The Elements have a width of 100mm. A single circle is positioned at the mean radius of the painted circle of the Helideck.

The lighting segments provide coverage between 50% and 75% of the circumference as stated in CAP437, and are equidistantly placed with the gaps between them not less than 0.5 m. The mechanical housing is powder-grip-coated yellow.

ORDER CODE

← **Q64RI03** **R1**

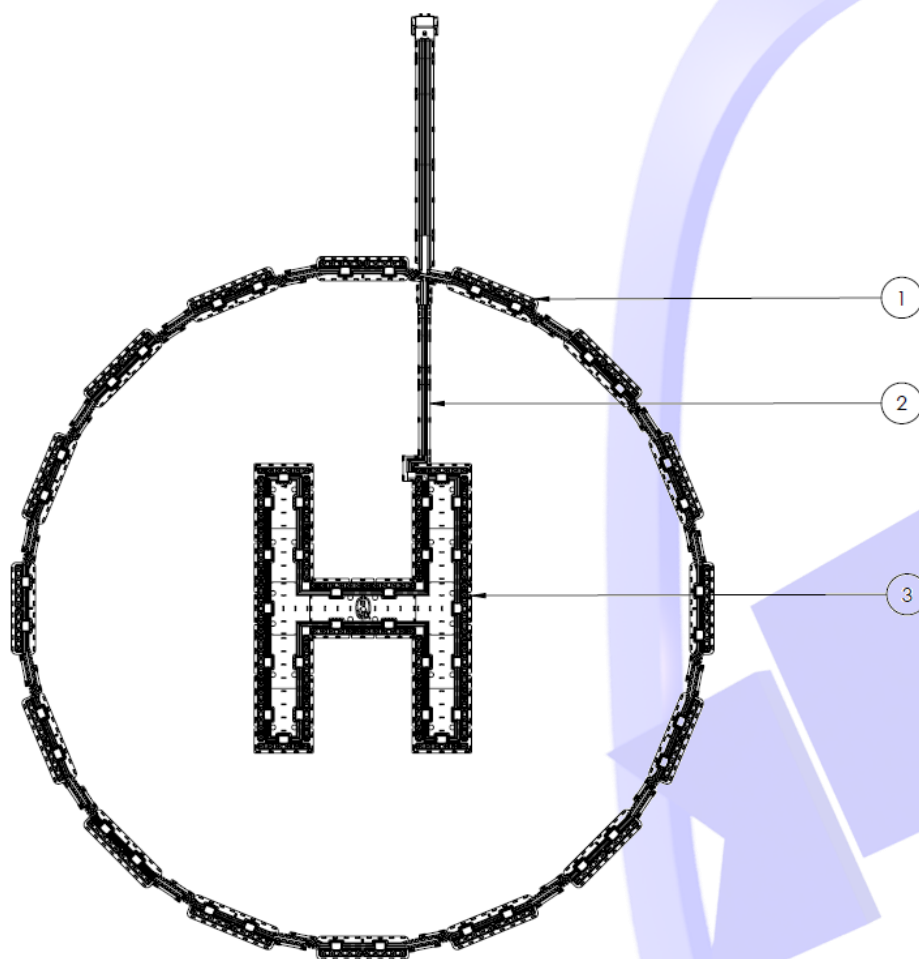
CABLE SYSTEM

The lighting segments are connected by special explosion proof cable connectors.

The Cable Ducting System is mounted on the preassembled cable ducting brackets that are included on every system or parts of the Q-TDPM System.

The SS316 material of the Q-Cable Ducting System provides resistance of load and impacts and maintains the safety of the cable and passengers.

General Placement



| Number | Description |
|--------|-----------------|
| 1 | Circle lighting |
| 2 | Cable exit |
| 3 | H-Lighting |