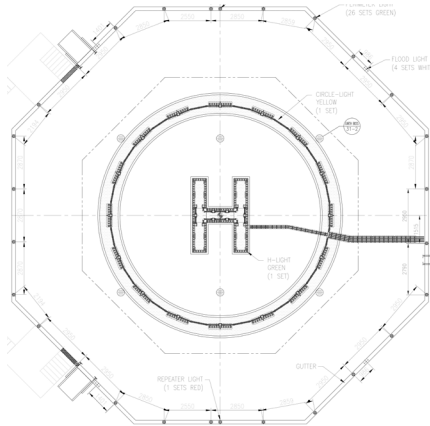
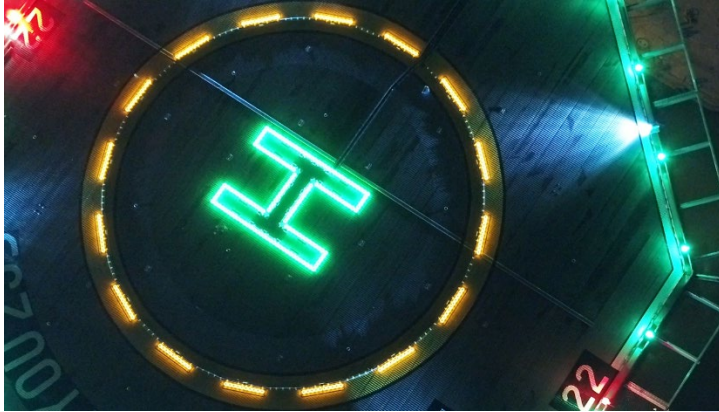


Q-Aviation Lighting / Helideck Lighting / Explosion Proof TD/PM System

EXPLOSION PROOF TD/PM SYSTEM



CERTIFICATES



TECHNICAL DETAILS

Application:	Helideck
Hazardous Area:	Atex Zone 1 and 2 Ex II 2GD Ex e mb IIC T6 Gb
Light Colour:	H-Sytem: Green 530 nm C-Sytem: Yellow 590 nm
Light Source:	LED, steady burning
Light Intensity:	as per CAP437
Vertical Beam Profile:	as per CAP437
Colour chromaticity:	as per CAP437, 530 nm and 590 nm
Input Voltage:	From Controller
External Earthing:	Base plate
Ambient Temp:	-25° to +65° C
In Compliance With:	CAP437
Consumption:	180 Watt
Life expectancy:	100.000+ hours
IP index:	IP 67
Mounting:	Riveted / Bolted / Glued
Enclosure:	H-Unit: Aluminium, white grip coated C-Unit: Aluminium, yellow grip coated
Baseplate dimensions:	H-Leg: 4x 800 x 165 8x 5 mm SS316 H-Centre: 2x 770 x 750 x 5 mm SS316 H-Middle: 1x 1500 x 806 x 5 mm SS316 C-Unit: 1300 x 350 x 5 mm SS316
Light segment dimensions:	H-segment: 744 x 100 x 19,5 mm C-Unit: 619 x 100 x 19,5 mm

DESCRIPTION

The lit TD/PM Circle 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

Q64RI01 – Explosion Proof TD/PM System

Q64RI01

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

