

HX55-P

Helideck Perimeter lighting



Perimeter lights are used to mark and illuminate the perimeter of helideck. These lights help the helicopter pilots to locate the helideck for safe landing at night.

Perimeter lights are available as surface mounted versions in different types of assembly, but the product series also includes recessed versions.

The high performance of our latest development, the LED perimeter light, is ensured by its polycarbonate lens and state of the art LED technology. Other features are the dimming function of 10%, 30% or 100%, and low power consumption of maximum 7W. The weight of the standard unit is 3.4 kg (recessed version) / 1.8 kg (surface version), thus allowing for a small and compact design. Different diameters of the recessed version are available on request. The light is in accordance with ICAO Annex 14 Vol II Heliport and CAP437. They are certified according to IECEx and ATEX.

Our helideck lighting solutions provide vital light and navigational orientation. This in turn entails a great responsibility – for the safety of pilots and crew.

Safety requirements on offshore oil and gas applications are even higher, since these high risk areas require explosion proof lighting products. Our lighting solutions are approved for use in hazardous areas, zones 1 and 2. Equipped with a heat management system, our LED helideck lighting products operate within their safe temperature range, and achieve a long lifetime of 100.000 hours at 45°C ambient temperature. The integrated fail safe function and the vibration-resistant technology ensure the necessary reliability required in demanding applications.

HX55-P



HX55-P S - light green, surfaced, on
conception box



HX55-P R - light green, recessed

HX55-P

TECHNICAL DESCRIPTION

LIGHT SOURCE

High power LED green (not changeable)

OPTIC

Seawater resistant lens (PMMA)

ELECTRIC

24 V DC, 115 - 230 V AC

HOUSING

Seawater resistant aluminium (Perimeter light) GRP junction box

APPLICATION

Perimeter light for industrial and aviation indication. Rated lifetime up to 100 000 hours. Small and compact design.

DESIGN

According to ICAO and CAP437. Recessed and surface mounted.

APPROVALS

According to ICAO Annex 14 II Helipot.

According to CAP437.

HX55-P junction box version:

Ex e mb IIC T5 Gb

HX55-P recessed version:

Ex mb IIC T5 Gb

AMBIENT TEMPERATURE

-40°C / +55°C

FINISH

Anodized black

MOUNTING

Recessed: 4 holes Ø 9,5 mm Surface: Different types.

CONNECTION

Exe 2xM25 cable entries on connection box

HX55-P junction box version:

- Terminal minimum cable diameter: 0,5 mm²

- Terminal maximum cable diameter: 10 mm²

ABBREVIATIONS

P = Perimeter light

O = Obstacle light

R = Recessed version

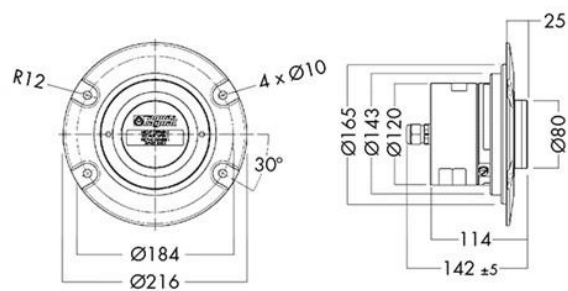
S = Surface version

NO = Normally open – the contact is open when everything works

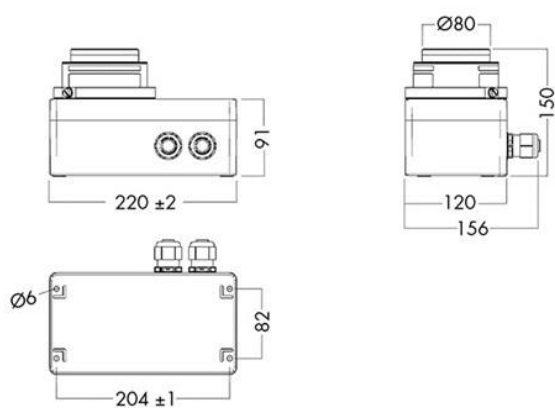
NC = Normally closed – the contact is closed when everything works

HX55-P

MEASUREMENT DRAWINGS



HX55-P



HX55-P

EXPLOSION DRAWINGS



HX55-P

GALLERY

