

FORMATION LIGHTS

The Pilatus Landing and Taxi Lights have been the first steps of Goodrich Lighting Systems in HID technology for aircraft. The light distribution is shown below. With a horizontal beam spread of 50° the Pilatus Taxi Light is much better than the traditional Sealed Beam Lights 150 W.

The light intensity rises up to more than 10,000 cd. The light intensity of the landing light is higher than 180,000 cd. The beam spread is 10°. These results are possible with a reflector diameter of 80 mm (3.1").

HID LANDING LIGHT 1X0 455 036-00/-10



-00

-10 without angle brackets

Technical data:

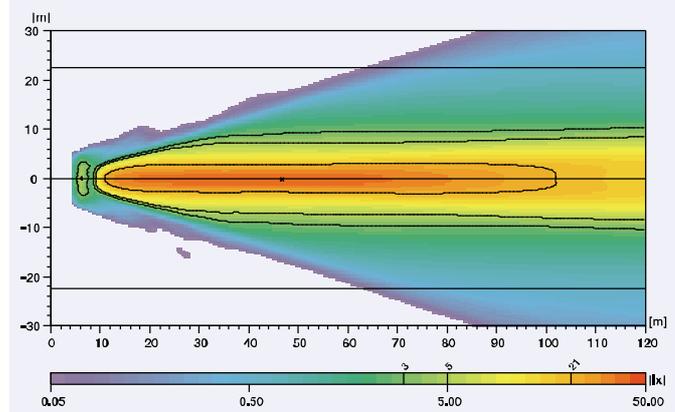
- Peak light intensity: 180,000 cd min.
- Beam spread at 10%: 10°
- Environmental conditions and electromagnetic compatibility: DO 160 C
- Total life: 4,000 h
- Mass: 0.33 kg (0.727 lbs) max.
- Depth: 101.25 mm (4") max.
- Outside diameter: 98 mm (3.86") max.



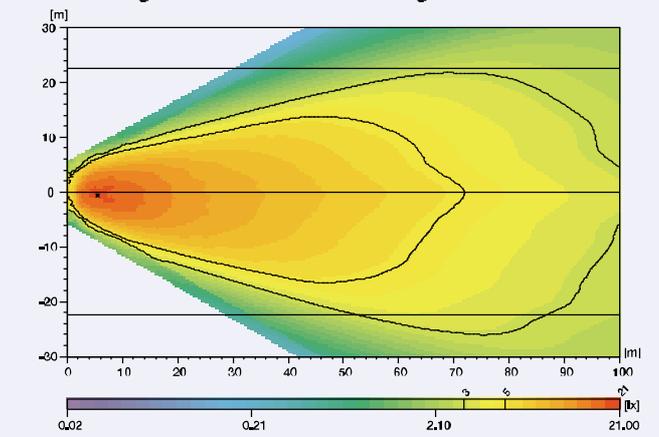
Technical data:

- Peak light intensity: 10,200 cd min.
- Beam spread at 10%: 50°
- Environmental conditions and electromagnetic compatibility: DO 160 C
- Total life: 4,000 h
- Mass: 0.35 kg (0.771 lbs) max.
- Depth: 104.2 mm (4.1") max.
- Outside diameter: 98 mm (3.86") max.

Simulated Light distribution of 2 Landing Lights used for Pilatus



Simulated Light distribution of 2 Taxi Lights used for Pilatus



GOODRICH

Goodrich Lighting
Systems GmbH
Bertramstrasse 8
59557 Lippstadt/Germany
Tel.: +49 2941 7676-0
Fax: +49 2941 7676-8432
Sita: PADHECR

Goodrich Lighting
Systems, Inc.
129 Fairfield Street
Oldsmar, FL 34677
Tel.: +1 813 891-7100
Fax: +1 813 855-5572
Sita: TOAHAXD

<http://www.lighting.goodrich.com>
lighting@goodrich.com

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