

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.

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.

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").

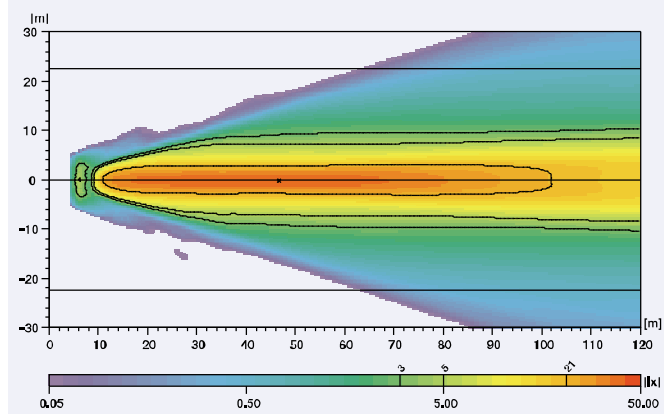
HID TAXI LIGHT 1X0 455 100-00



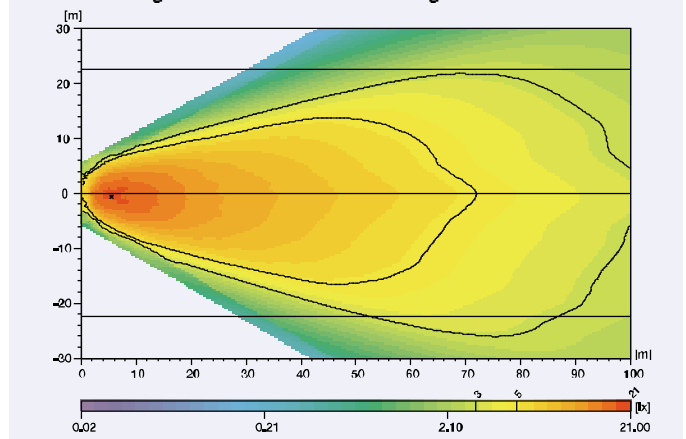
Technical data:

- 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



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LTL/TA/Mar 2006

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