

POINTERS AND ILLUMINATORS



Lasertel's line of pointers and illuminators offer high power while providing superior beam conditioning and low divergence. As a vertically integrated manufacturer of chips, optics, and packages, Lasertel can offer a wide range of products that can be customized for the specific application.

KEY FEATURES:

- 760nm to 1100nm
 - Coated output window
 - Custom beam shapes and sizes
 - Options for integrated red aiming beam, power monitor, temperature sensor
 - Options for internal polarizer, homogenizer
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Lasertel

A Finmeccanica Company



Lasertel Products Proudly Made in the USA

We are ISO 9001:2008, ISO 13485:2003 and AS9100C Certified.

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PACKAGE TYPES:



P1



P2

TYPICAL SPECIFICATIONS:

| TYPICAL PERFORMANCE FOR P1 PACKAGE (@25 °C) | UNITS | VALUE | | |
|---|-------|---|---|-----|
| Power | W | 2 | 5 | 12 |
| Current | A | 3 | 6 | 15 |
| Voltage | V | 2.8 | | |
| Divergence (mrad) | | 1.5 | 4 | 7 |
| Far Field Aspect Ratio | | 3:1 | | 1:1 |
| Center Wavelength | nm | 790 - 1100 | | |
| Operating Temp | °C | -40 to +70 | | |
| Mass | g | 200 | | |
| Polarization | | 1000:1 | | |
| Boresight change over temperature (mrad) | | <1 | | |
| Available Options | | internal power monitor, internal temperature sensor, polarizer, homogenizer | | |
| TYPICAL PERFORMANCE FOR P2 PACKAGE (@25 °C) | UNITS | VALUE | | |
| Power | W | 2 | 5 | 12 |
| Current | A | 3 | 6 | 15 |
| Voltage | V | 2.8 | | |
| Divergence (mrad) | | 3 | 8 | 15 |
| Far Field Aspect Ratio | | 3:1 | | 1:1 |
| Center Wavelength | nm | 790 - 1100 | | |
| Operating Temp | °C | -40 to +70 | | |
| Mass | g | 35 | | |
| Polarization | | 10:1 | | |
| Boresight change over temperature (mrad) | | <1 | | |

Patent Numbers: US 7,660,335 | US 7,864,825 | US 6,352,873 | US 6,295,307

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