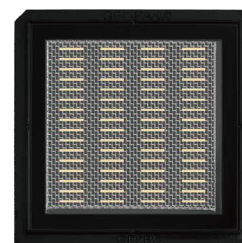


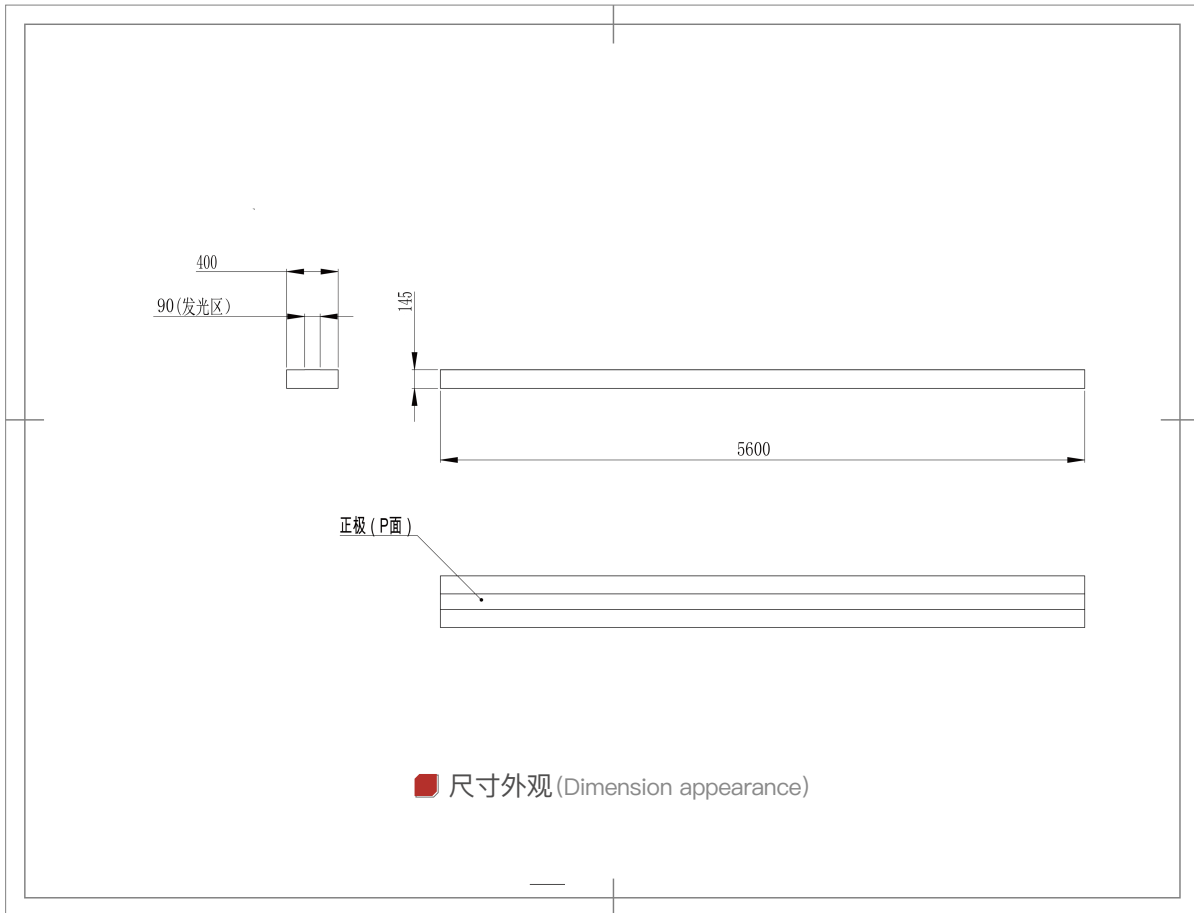
# EB-BC-015-0915-10-003



|   | 单位 Unit | 最小值 Min | 典型值 Typ | 最大值 Max |
|---|---------|---------|---------|---------|
| <b>光学性能 /Optical</b>                      |         |         |         |         |
| 中心波长 (Center Wavelength)                  | nm      | 905     | 915     | 925     |
| 中心波长偏差 (Wavelength Tolerance)             | nm      |         | ±10     |         |
| 输出功率 ( Output Power)                      | W       |         | 15      |         |
| 工作模式 (Operating Mode)                     | -       |         | CW      |         |
| 快轴发散角(半高全宽)(Fast-axis Divergence)         | Deg     |         | 28      | 31      |
| 慢轴发散角(半高全宽)(Slow-axis Divergence)         | Deg     |         | 7       | 9       |
| 光谱宽度 (Spectral Width (FWHM))              | nm      |         | 4       | 5       |
| 波长温度系数 (Wavelength Temperature Coeffient) | nm / °C |         | 0.33    |         |
| 偏振 (TE Polarization)                      | %       | 96      | 97      |         |
| <b>电学性能 /Electrical</b>                   |         |         |         |         |
| 光电转换效率 (Power Conversion Efficiency)      | %       | 55      | 64      |         |
| 斜率效率 (Slope Efficiency )                  | W / A   | 1.05    | 1.15    |         |
| 阈值电流 (Thershold Current)                  | A       |         | 0.8     | 1.2     |
| 工作电流 ( Operating Current)                 | A       |         | 14.5    | 17      |
| 工作电压 ( Operating Voltage)                 | V       |         | 1.65    | 1.75    |
| <b>几何尺寸 /Geometric Size</b>               |         |         |         |         |
| 发光区宽度 ( Emitter Width)                    | um      | 88      | 90      | 92      |
| 腔长 (Cavity Length)                        | mm      |         | 5.6     |         |
| 宽度 (Width)                                | um      |         | 400     |         |
| 厚度 (Thickness)                            | um      | 135     | 145     | 155     |

### 备注 /Remarks

1. 规格型号命名规则: EB (长光华芯缩写) -BC (Bare Chip 缩写) -15 (输出功率) - 0915 (中心波长) - 10 (中心波长偏差) -003(结构号)
2. 以上测试温度为 25 度
3. 避免在结露环境下存储和使用, 超过规定温度工作会影响寿命
4. 超过正常功率范围使用会缩短使用寿命



产品特点 / Product Features

高可靠性  
High Reliability

高效率  
High Efficiency

高功率  
High Power

应用领域 / Application Area

工业泵浦  
Industrial Pump

激光装备  
Laser Equipment

科研  
R&D

生物医学  
Biomedical



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