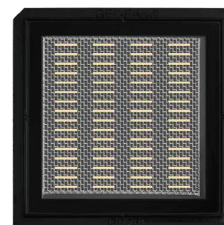
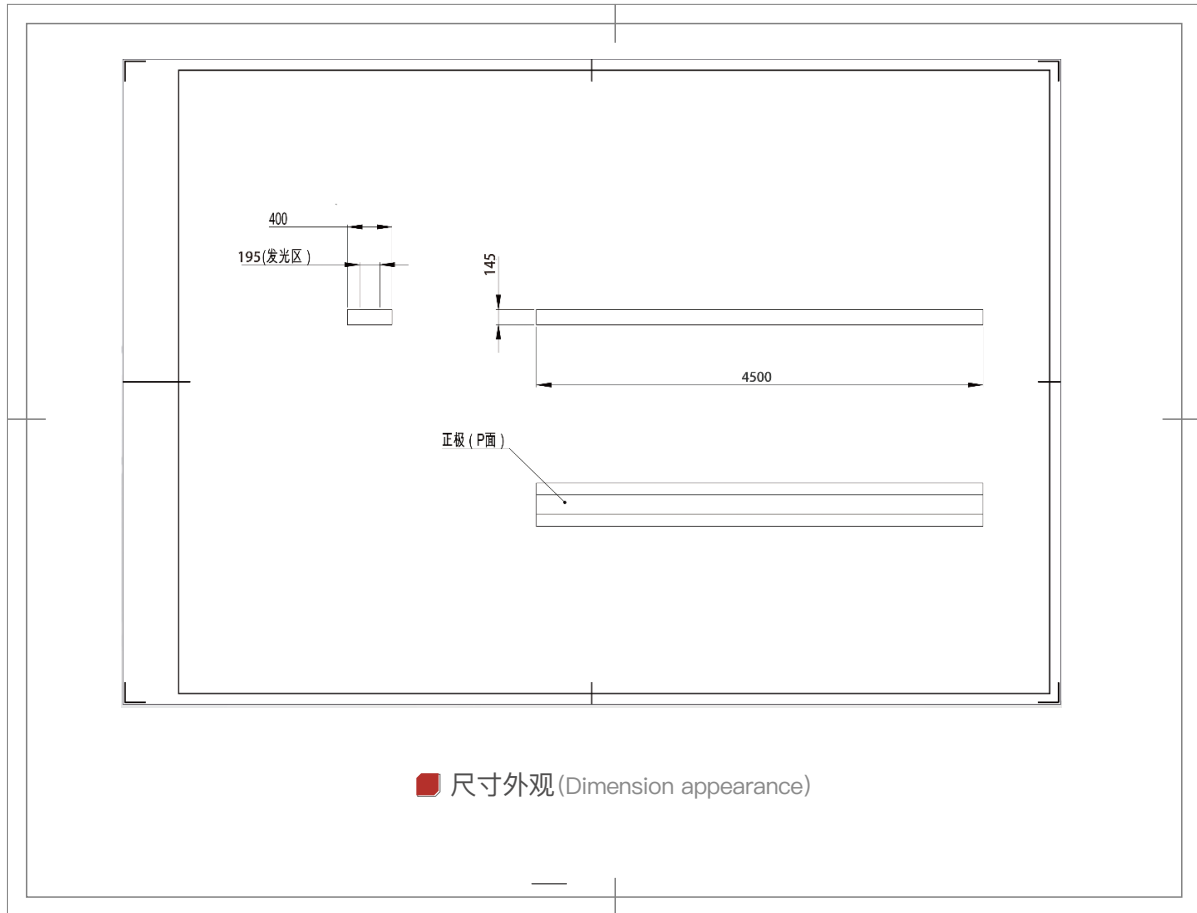


# EB-BC-024-0915-10-028



|   | 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       |         | 24      |         |
| 工作模式 (Operating Mode)                       | -       |         | CW      |         |
| 快轴发散角 (半高全宽)(Fast-axis Divergence)          | Deg     |         | 55      | 60      |
| 慢轴发散角 (半高全宽)(Slow-axis Divergence)          | Deg     |         | 9.5     | 12      |
| 光谱宽度 (Spectral Width (FWHM))                | nm      | 3       | 4       | 5       |
| 波长温度系数 (Wavelength Temperature Coefficient) | nm / °C |         | 0.3     |         |
| 偏振 (TE Polarization)                        | %       | 95      | 97      |         |
| <b>电学性能 /Electrical</b>                     |         |         |         |         |
| 光电转换效率 (Power Conversion Efficiency)        | %       | 55      | 62      |         |
| 斜率效率 (Slope Efficiency )                    | W / A   | 1.1     | 1.15    |         |
| 阈值电流 (Thershold Current)                    | A       |         | 1.5     | 1.7     |
| 工作电流 ( Operating Current)                   | A       |         | 25      | 26      |
| 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      |         | 195     |         |
| 腔长 (Cavity Length)                          | mm      |         | 4.5     |         |
| 宽度 (Width)                                  | um      |         | 400     |         |
| 厚度 (Thickness)                              | um      | 135     | 145     | 155     |
| <b>备注 /Remarks</b>                          |         |         |         |         |

- 规格型号命名规则: EB (长光华芯缩写) -BC (Bare Chip 缩写)-24 (输出功率) - 0915 (中心波长) - 10 (中心波长偏差) -028(结构号)
- 以上测试温度为 25 度
- 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
- 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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