

EB-BC-035-0915-10



光学性能 /Optical

中心波长 (Center Wavelength)	nm	915	
中心波长偏差 (Wavelength Tolerance)	nm	±10	
输出功率 (Output Power)	W	35	
工作模式 (Operating Mode)	-	CW	
快轴发散角 (95% 能量)(Fast-axis Divergence)	Deg	55	
慢轴发散角 (95% 能量)(Slow-axis Divergence)	Deg	9.5	10
光谱宽度 (Spectral Width (FWHM))	nm	4	
波长温度系数 (Wavelength Temperature Coefficient)	nm / °C	0.3	
偏振 (TE Polarization)	%	97	

电学性能 /Electrical

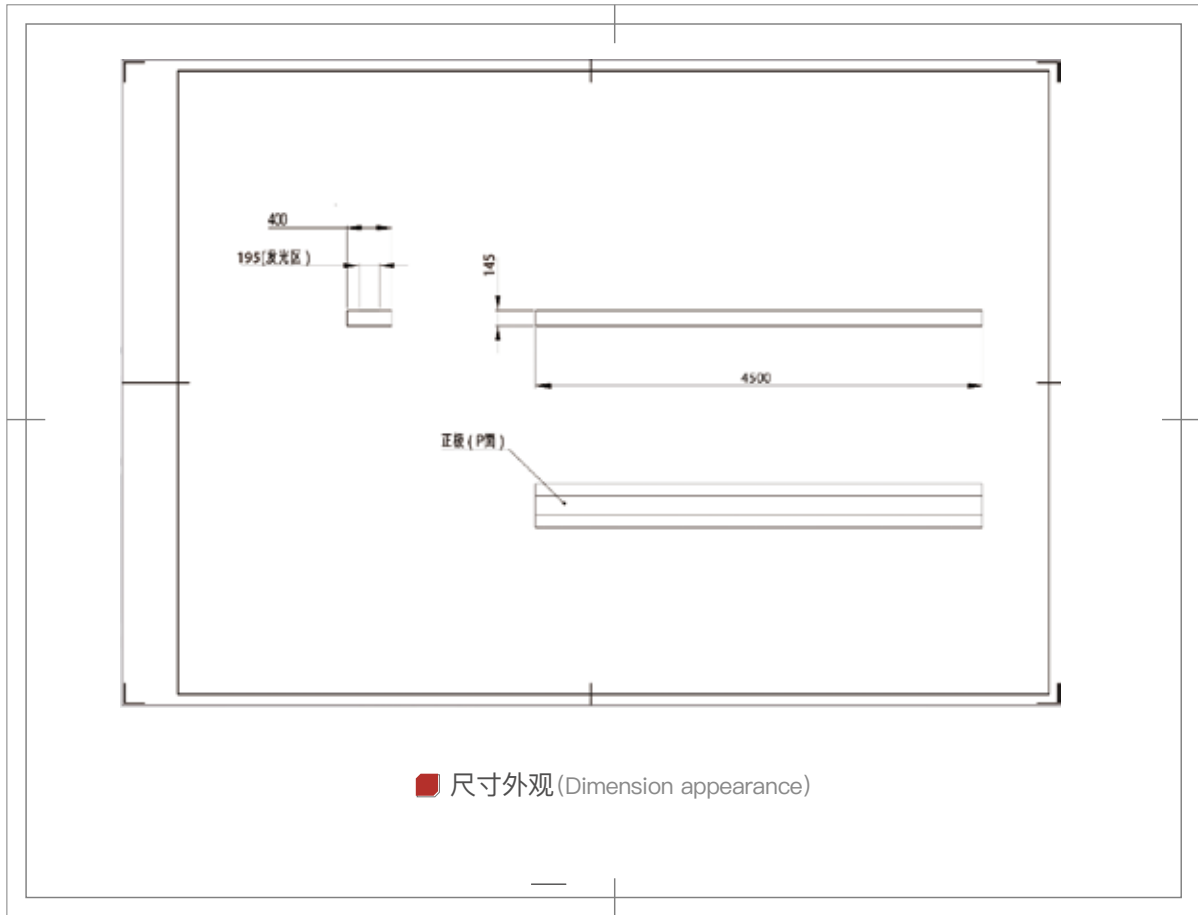
光电转换效率 (Power Conversion Efficiency)	%	60	62
斜率效率 (Slope Efficiency)	W / A	1.15	1.17
阈值电流 (Thershold Current)	A	1.8	1.8
工作电流 (Operating Current)	A	35	34
工作电压 (Operating Voltage)	V	1.65	

几何尺寸 /Geometric Size

发光区宽度 (Emitter Width)	um	230	290
腔长 (Cavity Length)	mm	5.6	4.5
宽度 (Width)	um	400	450
厚度 (Thickness)	um	145	

备注 /Remarks


1. 规格型号命名规则：EB (长光华芯缩写) -BC (Bare Chip 缩写) -35 (输出功率) - 0915 (中心波长) - 10 (中心波长偏差) -028(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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