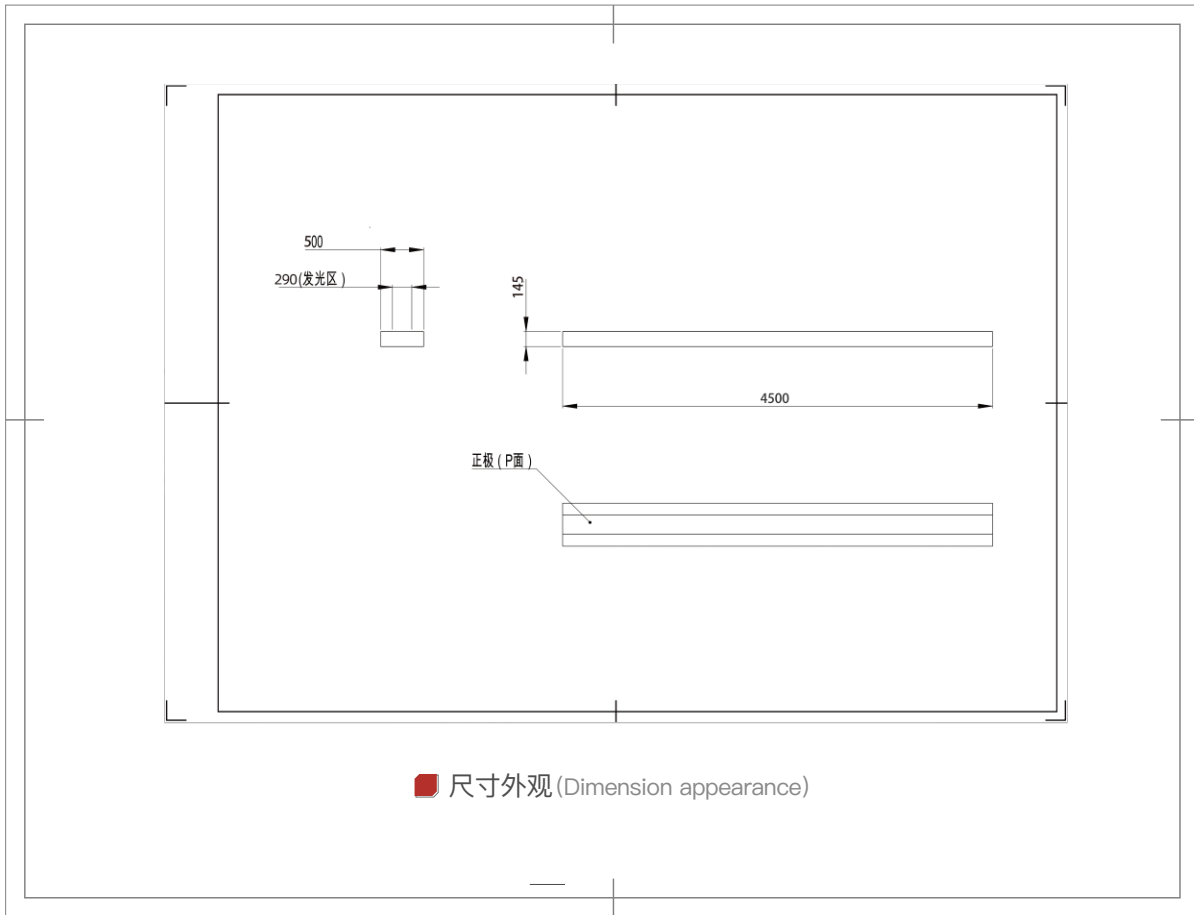


## EB-BC-035-0976-03-038

	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	973	976	979
中心波长偏差 (Wavelength Tolerance)	nm		±3	
输出功率 ( Output Power)	W	32.5	34	
工作模式 (Operating Mode)	-		CW	
快轴发散角(半高全宽)(Fast-axis Divergence)	Deg		52	60
慢轴发散角(半高全宽)(Slow-axis Divergence)	Deg		10	12
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)	%	58	62	
斜率效率 (Slope Efficiency )	W / A	1.05	1.14	
阈值电流 (Thershold Current)	A		1.5	2
工作电流 ( Operating Current)	A		35	39
工作电压 ( Operating Voltage)	V		1.58	1.7
<b>几何尺寸 /Geometric Size</b>				
发光区宽度 ( Emitter Width)	um	290	294	298
腔长 (Cavity Length)	mm		4.5	
宽度 (Width)	um		500	
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) -35 (输出功率) - 0976 (中心波长) - 03 (中心波长偏差) -038(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



应用领域 / Application Area



苏州长光华芯光电技术股份有限公司 SUZHOU EVERBRIGHT PHOTONICS CO., LTD  
江苏省苏州市高新区科技城漓江路56号 No.56, Lijiang Road, SND, Suzhou, China  
www.everbrightphotonics.com Sales@everbrightphotonics.com +86-512-66896988

声明：长光华芯为客户提供卓越的产品和优质的服务，我们可能更改规格和产品描述，届时将不另行通知。如需详细信息，请联系长光华芯销售代表。  
Notice: Everbright keep improving its products to provide our customers with outstanding quality and reliability. We may change the specification and product description without notice at any time. For complete details, please contact Everbright sales representative.

