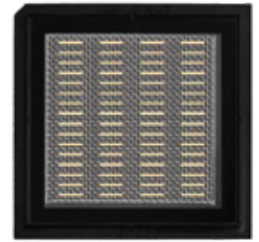


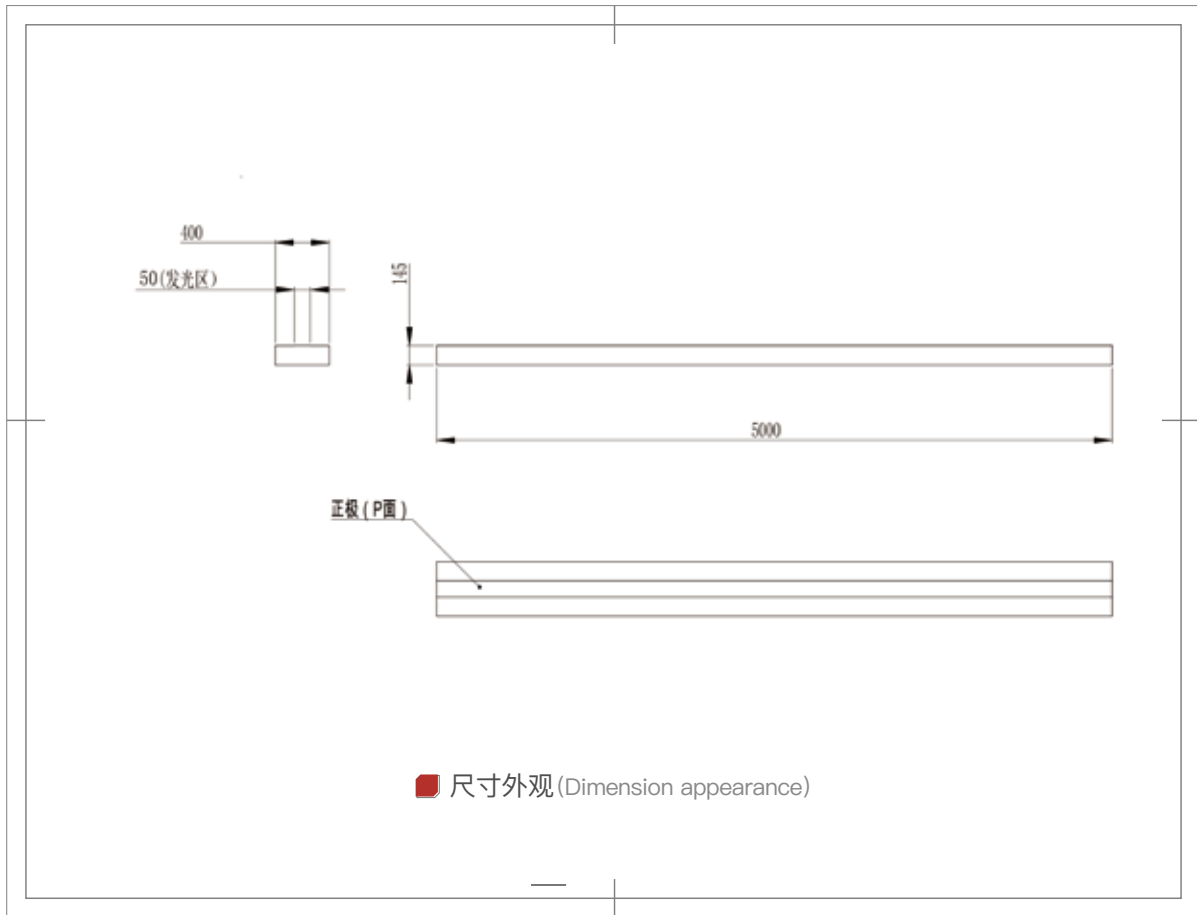
EB-BC-030-0976-03



	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
光学性能 /Optical				
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		30	
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	
光谱宽度 (Spectral Width (FWHM))	nm	3	4	5
波长温度系数 (Wavelength Temperature Coefficient)	nm / °C		0.33	
偏振 (TE Polarization)	%	96	97	
电学性能 /Electrical				
光电转换效率 (Power Conversion Efficiency)	%		62	
斜率效率 (Slope Efficiency)	W / A		1.14	
阈值电流 (Thershold Current)	A		1.2	
工作电流 (Operating Current)	A		30	
工作电压 (Operating Voltage)	V		1.55	1.6
几何尺寸 /Geometric Size				
发光区宽度 (Emitter Width)	um		230	
腔长 (Cavity Length)	mm		4.5	
宽度 (Width)	um		400	
厚度 (Thickness)	um		145	

备注 /Remarks

- 规格型号命名规则：EB (长光华芯缩写) -BC (Bare Chip 缩写) -30 (输出功率) - 0976 (中心波长) - 03 (中心波长偏差) -064 (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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