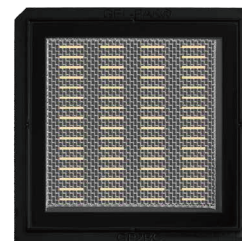


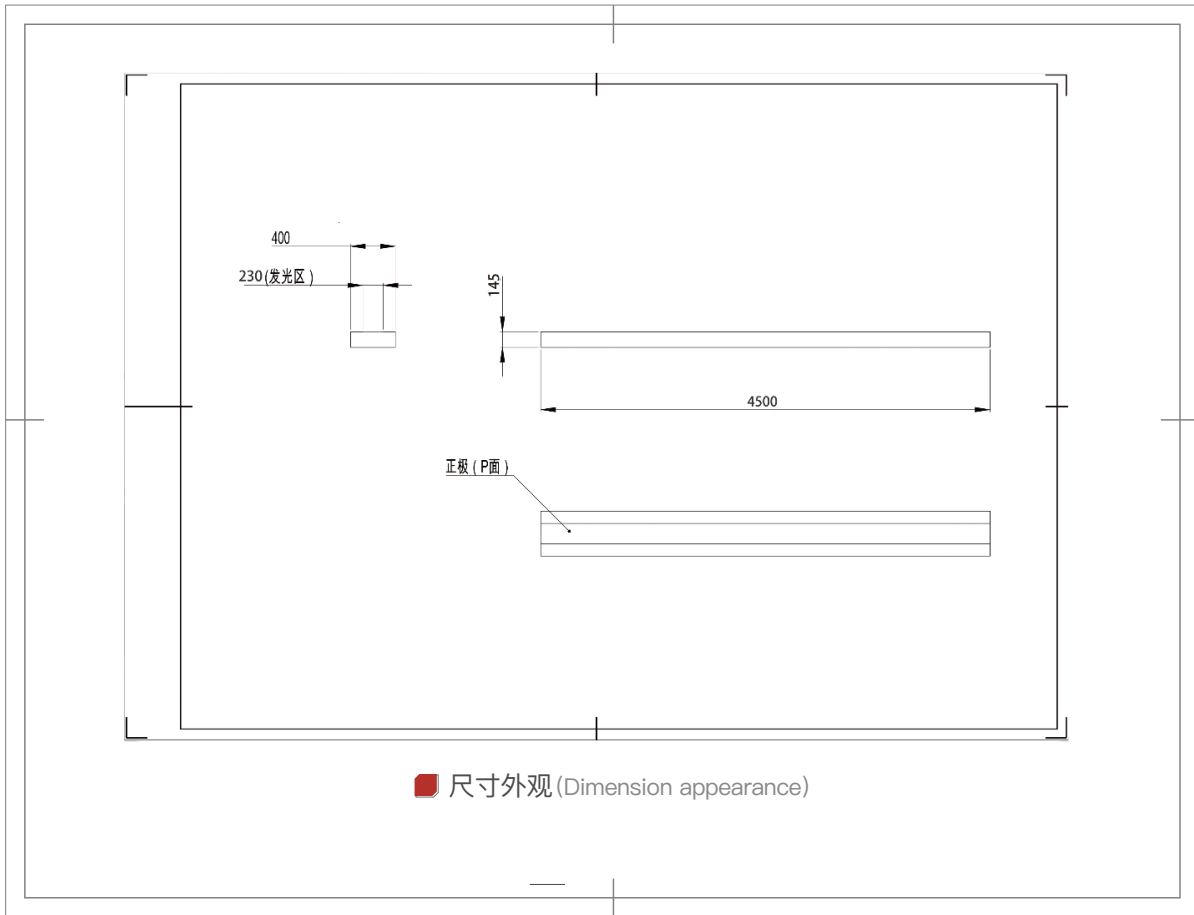
EB-BC-028-0976-03-030



	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		28	
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 Coeffient)	nm / °C		0.33	
偏振 (TE Polarization)	%	95	97	
电学性能 /Electrical				
光电转换效率 (Power Conversion Efficiency)	%	55	63	
斜率效率 (Slope Efficiency)	W / A	1.0	1.1	
阈值电流 (Thershold Current)	A		1.5	2
工作电流 (Operating Current)	A		30	32
工作电压 (Operating Voltage)	V		1.55	1.7
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	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) -28 (输出功率) - 0976 (中心波长) - 03 (中心波长偏差) -030 (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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