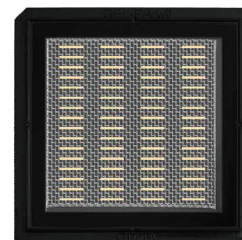


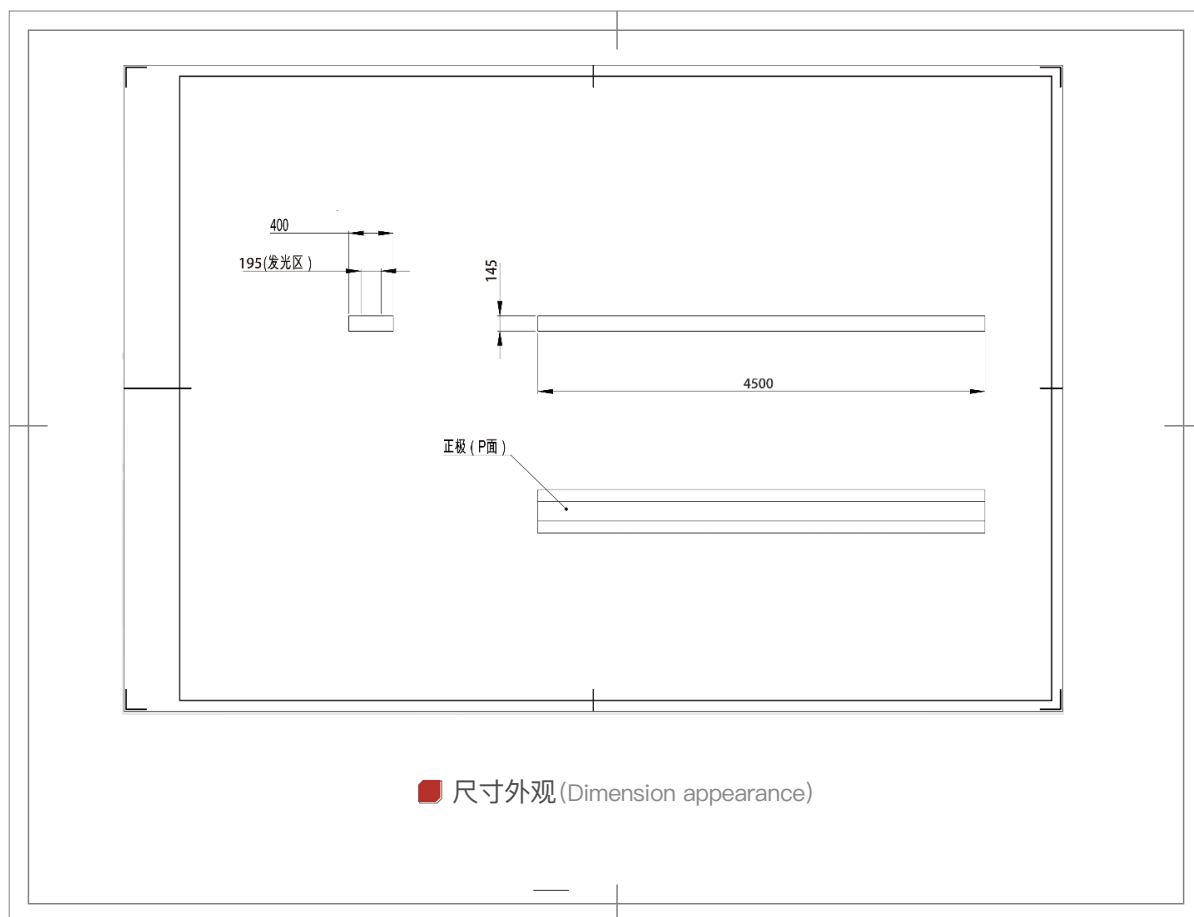
EB-BC-024-0976-03-044



	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		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		0.33	
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	1.1	
阈值电流 (Thershold Current)	A		1.1	1.4
工作电流 (Operating Current)	A		25	27
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		195	
腔长 (Cavity Length)	mm		4.5	
宽度 (Width)	um		400	
厚度 (Thickness)	um	135	145	155

备注 /Remarks

- 1.Explanation of Item Number: EB (Everbright In Short) - BC (Bare Chip)-24 (Output Power) - 0976 (Center Wavelength)- 03(Wavelength Tolerance)- 044(Structure number)
- 2.Above Data Test at 25°C, Unless otherwise stated.
- 3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.
4. Lifetime reduced if exceed nominal output power.



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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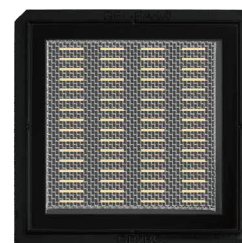


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江苏省苏州市高新区科技城漓江路56号 No.56, Lijiang Road, SND, Suzhou, China
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EB-BC-028-0976-03-030



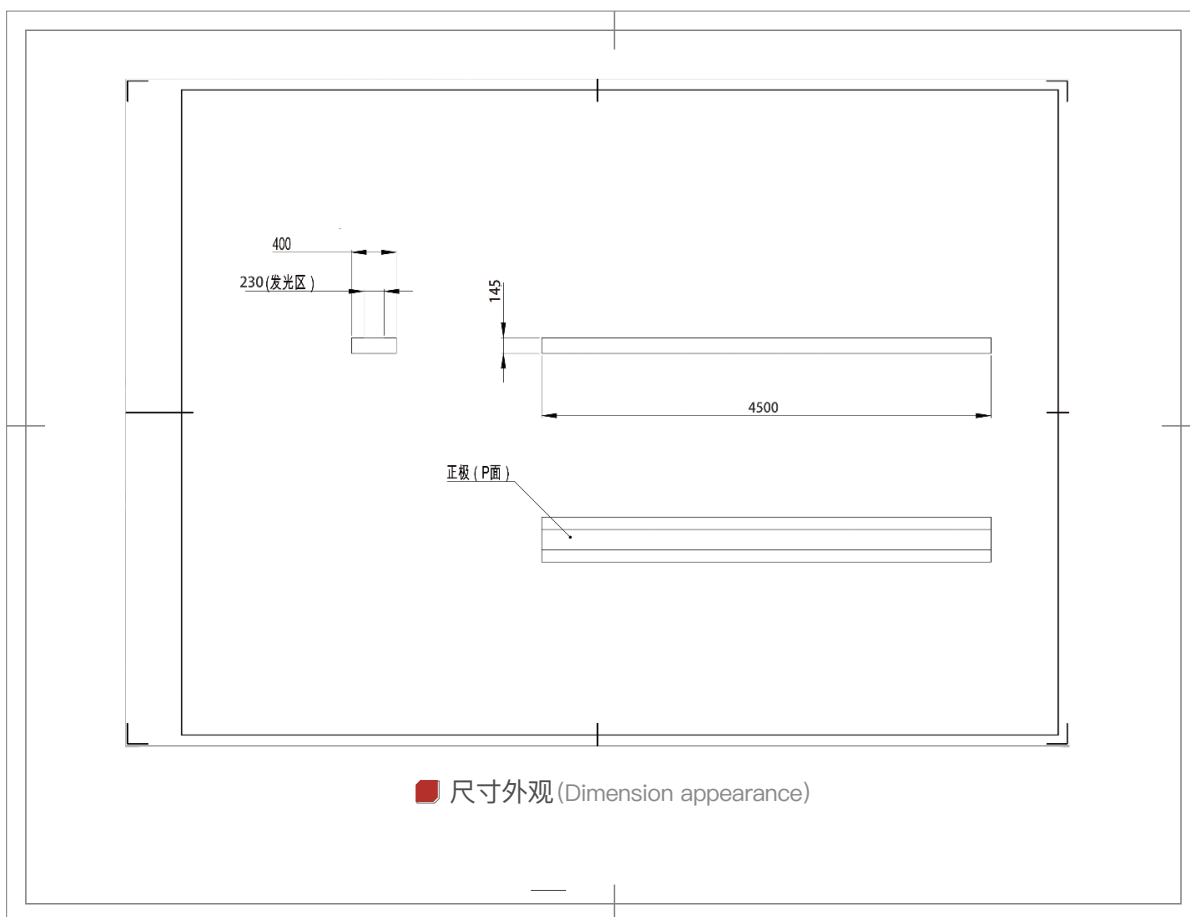
	单位 Unit	最小值 Min	典型值 Typ	最大值 Max
光学性能 /Optical				
中心波长 (Center Wavelength)	nm	973	976	979
中心波长偏差 (Wavelength Tolerance)	nm		±3	
输出功率 (Output Power)	W		28	
工作模式 (Operating Mode)	–		CW	
快轴发散角(半高全宽)(Fast-axis Divergence)	Deg		55	60
慢轴发散角(半高全宽)(Slow-axis Divergence)	Deg		9.5	12
光谱宽度 (Spectral Width (FWHM))	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.Explanation of Item Number: EB (Everbright In Short) - BC (Bare Chip)-28 (Output Power) - 0976 (Center Wavelength)- 03(Wavelength Tolerance)- 030(Structure number)

2.Above Data Test at 25°C, Unless otherwise stated.

3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.

4. Lifetime reduced if exceed nominal output power.



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

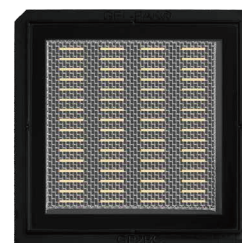


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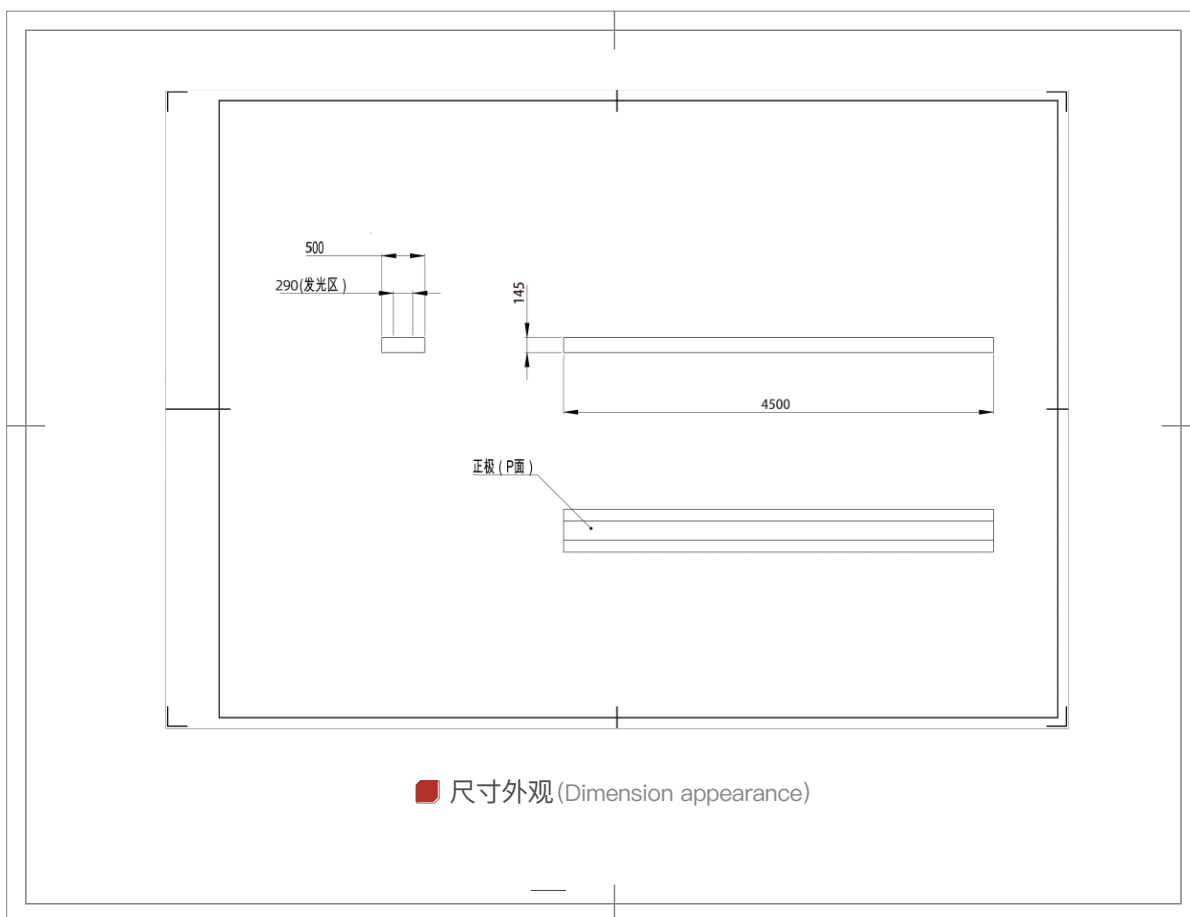
EB-BC-035-0976-03-038



	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	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 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)	%	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
几何尺寸 /Geometric Size				
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.Explanation of Item Number: EB (Everbright In Short) - BC (Bare Chip)–35 (Output Power) - 0976 (Center Wavelength)- 03(Wavelength Tolerance)- 038(Structure number)
- 2.Above Data Test at 25°C, Unless otherwise stated.
- 3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.
4. Lifetime reduced if exceed nominal output power.



尺寸外观 (Dimension appearance)

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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