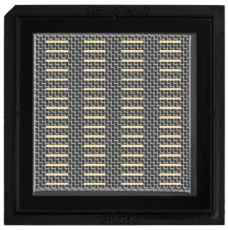
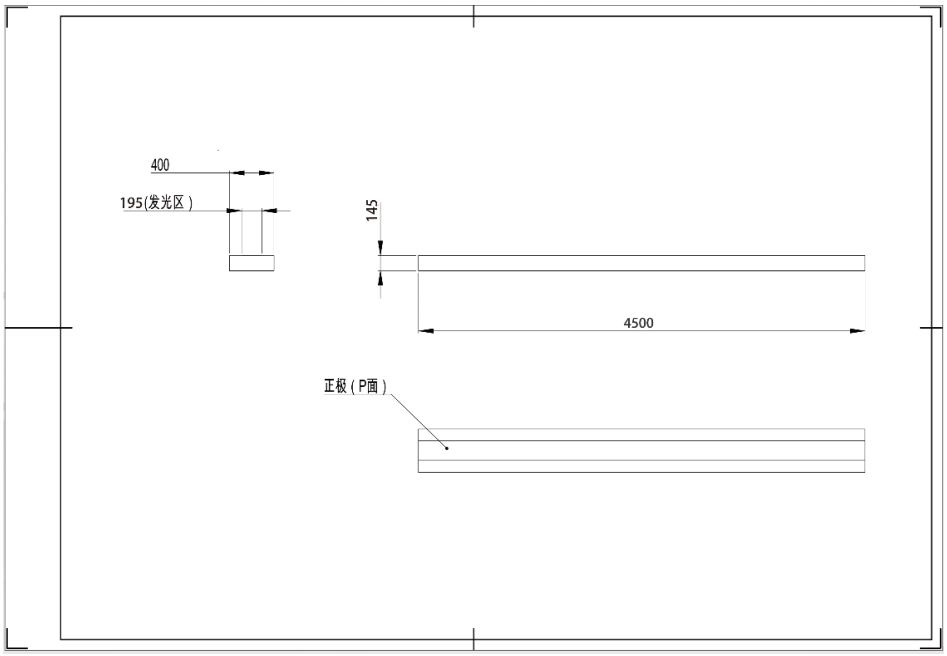
EB-BC-024-0915-10-028



	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	905	915	925
中心波长偏差 (Wavelength Tolerance)	nm		±10	
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 Coeffient)	nm / ℃		0.3	
偏振 (TE Polarization)	%	95	97	
电学性能 /Electrical				
光电转换效率 (Power Conversion Efficiency)	%	55	62	
斜率效率 (Slope Efficiency)	W / A	1.1	1.15	
阈值电流 (Thershold Current)	A		1.5	1.7
工作电流 (Operating Current)	A		25	26
工作电压 (Operating Voltage)	V		1.65	1.75
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. 规格型号命名规则：EB（长光华芯缩写）–BC（Bare Chip 缩写）–24（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



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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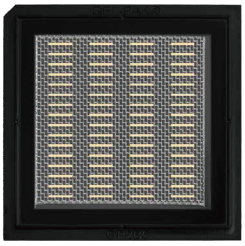
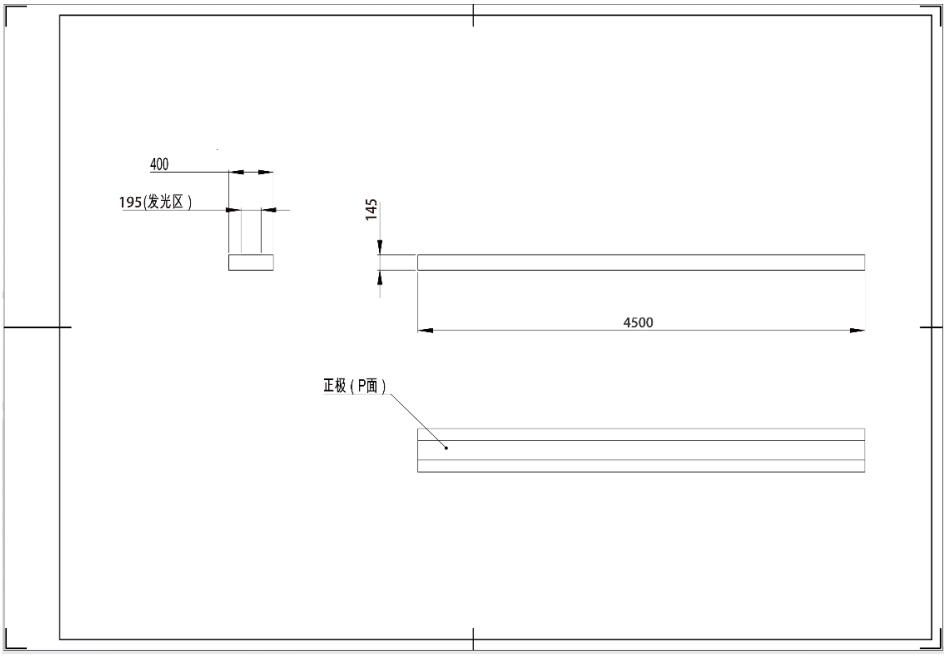
EB-BC-024-0976-03-044



	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 Coeffient)	nm / ℃		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. 规格型号命名规则：EB（长光华芯缩写）–BC（Bare Chip 缩写）–24（输出功率）– 0976（中心波长）– 03（中心波长偏差）–044(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



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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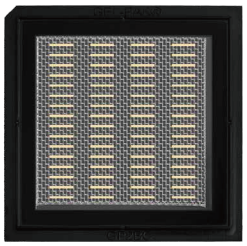
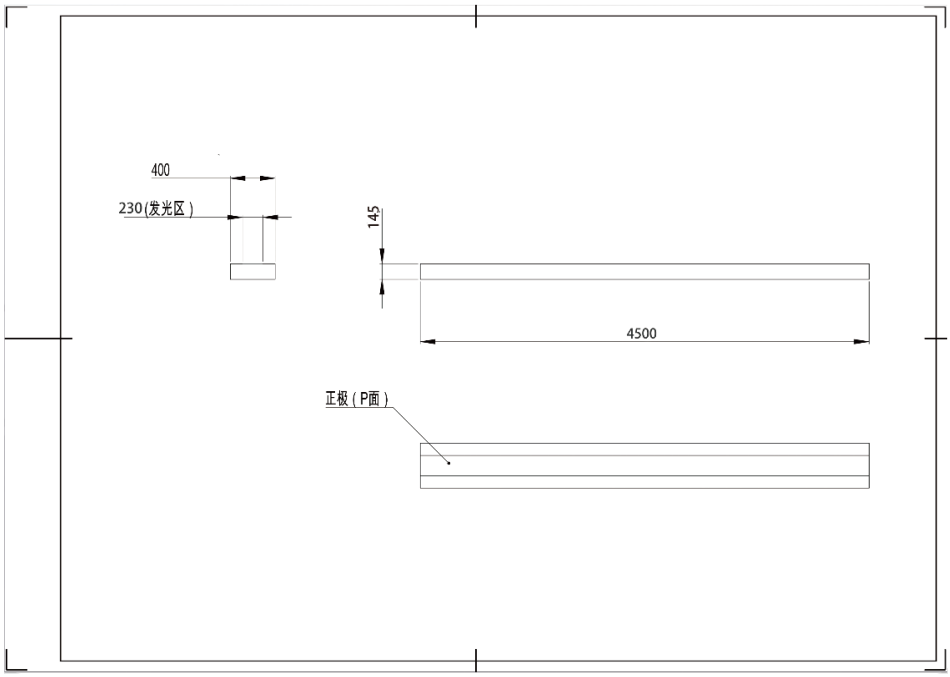
EB-BC-028-0915-10-017



	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	905	915	925
中心波长偏差 (Wavelength Tolerance)	nm		±10	
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 / ℃		0.3	
偏振 (TE Polarization)	%	95	97	
电学性能 /Electrical				
光电转换效率 (Power Conversion Efficiency)	%	55	62	
斜率效率 (Slope Efficiency)	W / A	1.1	1.15	
阈值电流 (Thershold Current)	A		1.8	2
工作电流 (Operating Current)	A		30	31
工作电压 (Operating Voltage)	V		1.65	1.75
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）– 0915（中心波长）– 10（中心波长偏差）–017(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



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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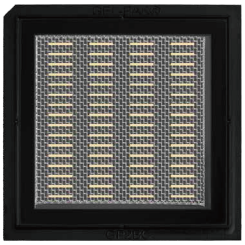
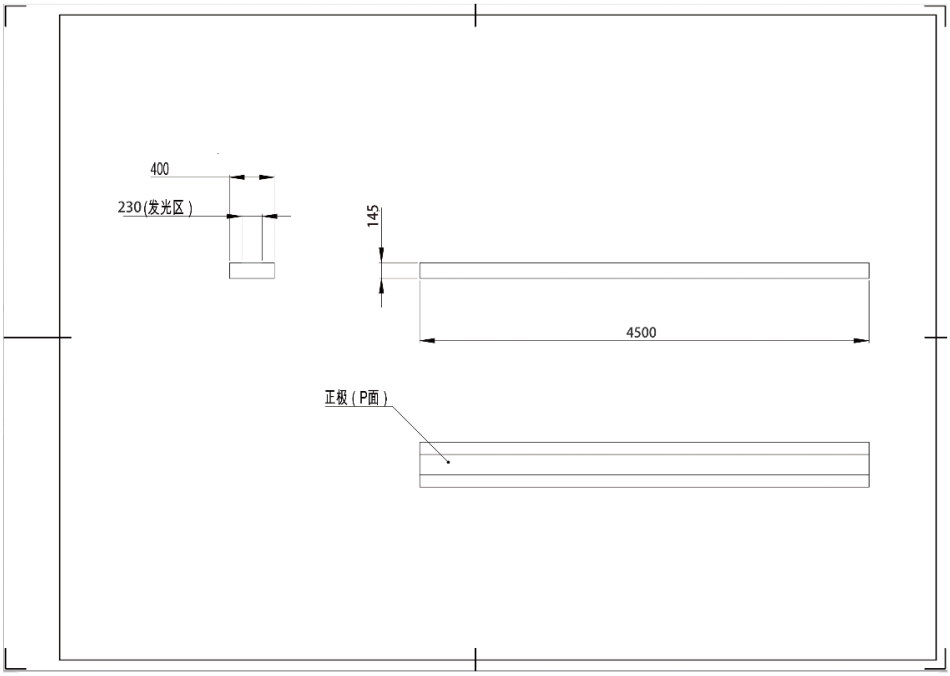
EB-BC-028-0976-03-030



	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 / ℃		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



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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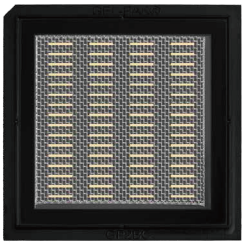
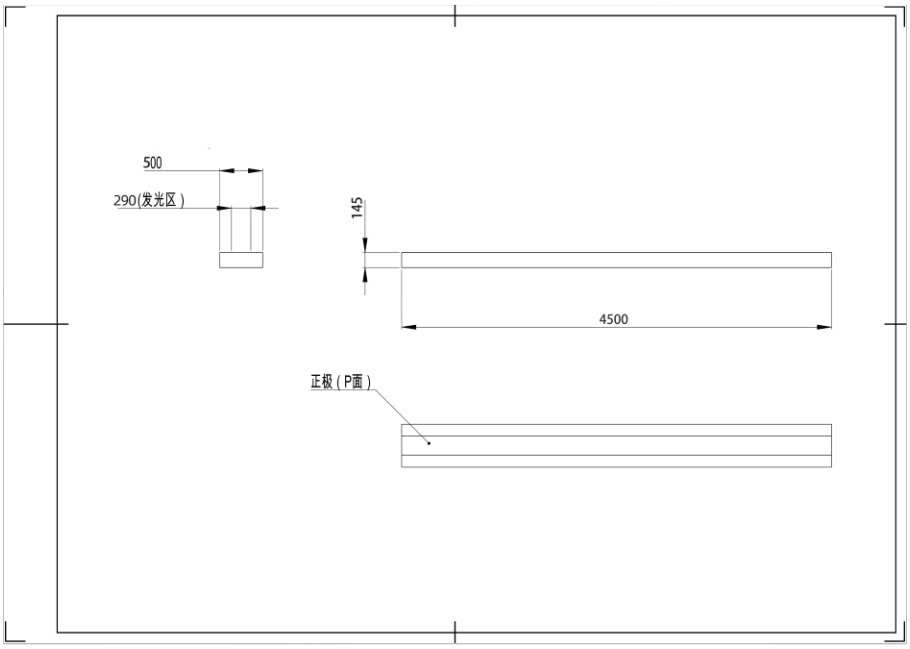
EB-BC-035-0976-03-038



	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 Coeffient)	nm / ℃		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. 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



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
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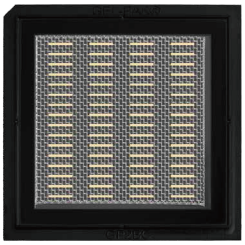
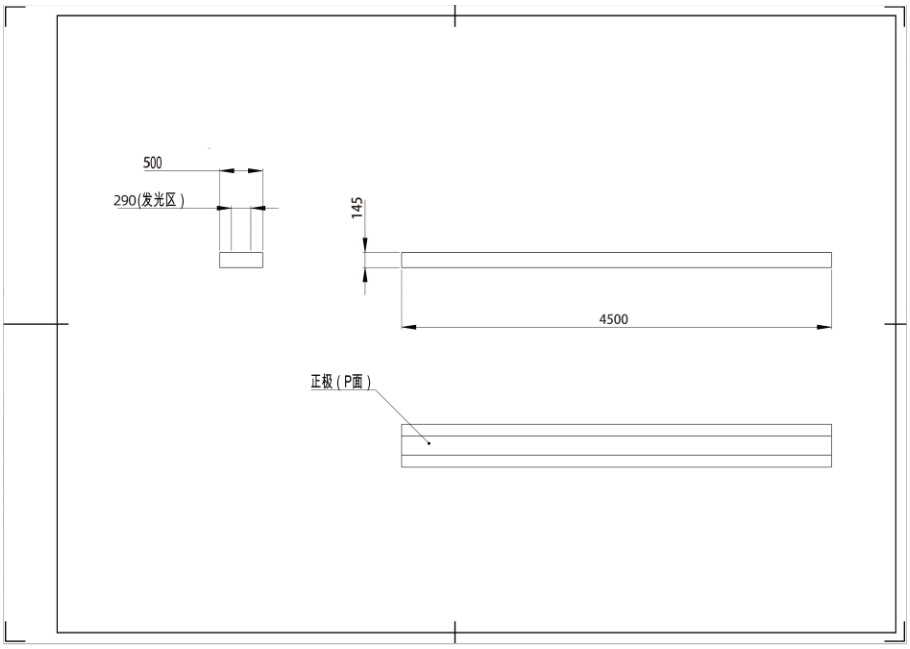
EB-BC-035-0915-10-037



	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	905	915	925
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(半高全宽)(Fast–axis Divergence)	Deg		55	60
慢轴发散角(半高全宽)(Slow–axis Divergence)	Deg		10.5	12
光谱宽度 (Spectral Width (FWHM))	nm		4	5
波长温度系数 (Wavelength Temperature Coeffient)	nm / ℃		0.33	
偏振 (TE Polarization)	%	95	96	
电学性能 /Electrical				
光电转换效率 (Power Conversion Efficiency)	%	56	60	
斜率效率 (Slope Efficiency)	W / A	1.1	1.2	
阈值电流 (Thershold Current)	A		2.0	2.5
工作电流 (Operating Current)	A		35	
工作电压 (Operating Voltage)	V		1.7	1.8
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. 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）–037(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



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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