

◎CYL8 시리즈

『Picture or 3D』



『Features』

- ◆ Optical output power : Max. ~ 5mW
- ◆ Output power stability Max. < ± 5 %
- ◆ 포커싱 고정 형태
- ◆ Precision dot beam : 3 x 2

『Optical / Electrical features』

Items		Features			
Wavelength		405 nm	445/450nm	520nm	635nm
Output Power		~5 mW	~5mW, Multi ~5mW	~4mW	~1mW
Output Power stability		< ± 5%	< ± 5%, Multi < ± 5%	< ± 5%	< ± 5%
Beam type & size(thickness) at 3m ■ Optional	Dot (Divergence)	3x2 (< 1 mrad)	3 x 2(< 1mrad) Multi 3x2 (< 2 mrad)	3 x 2 (< 1 mrad)	3 x 2 (< 1mrad)
Focused beam size[mm] at 300mm		Dot >0.1	Dot >0.1, Multi Dot > 1	Dot >0.5	Dot >0.5
Mode		TEM00	TEM00, Multi-mode	TEM00	TEM00
Input voltage		3 ~ 5 V			
Consumption current		Max. 40 mA	Max. 40 mA	Max. 40 mA	Max. 30 mA
Laser Diode type		P or N-type or other			
Dimension		∅10 × 32 L			
Outside Material		Aluminum anodizing			
Lifetime at room temp.		20,000 hours			
Operating Temperature		-10 ~ 40 °C			
Storage Temperature		-30 ~ 80 °C			
Options					
Remarks		*설치시에 방열구조 필요 *과도한 충격을 금해주시고, 강한 모터나 전자기파 주변에 설치하는 것을 피해주시오.			

『Optical / Electrical features』

Items		Features			
Wavelength		655nm	660nm	670nm	685nm
Output Power		~4mW	~5mW	~4mW	~5mW
Output Power stability		< ± 5%	< ± 5%	< ± 5%	< ± 5%
Beam type & size(thickness) at 3m ■ Optional	Dot (Divergence)	3 x 2 (< 1 mrad)	3 x 2 (< 1 mrad)	3 x 2 (< 1 mrad)	3 x 2 (< 1 mrad)
Focused beam size[mm] at 300mm		Dot >0.5	Dot >0.5	Dot >0.5	Dot >0.5
Mode		TEM00	TEM00	TEM00	TEM00
Input voltage		3 ~ 5 V			
Consumption current		Max. 30 mA	Max. 40 mA	Max. 40 mA	Max. 50 mA
Laser Diode type		P or N-type or other			
Dimension		∅10 × 32 L			
Outside Material		Aluminum anodizing			
Lifetime at room temp.		20,000 hours			
Operating Temperature		-10 ~ 40 °C			
Storage Temperature		-30 ~ 80 °C			
Options					
Remarks		*설치시에 방열구조 필요 *과도한 충격을 금해주시고, 강한 모터나 전자기파 주변에 설치하는 것을 피해주시시오.			

『Optical / Electrical features』

Items		Features			
Wavelength		785nm	808nm	830nm	850nm
Output Power		~4 mW	~5mW, Multi ~5mW	~4 Multi ~ 5mW	~4 Multi ~ 5mW
Output Power stability		< ± 5%	< ± 5% , Multi < ± 5%	< ± 5%	< ± 5%, Multi <± 5%
Beam type & size(thickness) at 3m ■ Optional	Dot (Divergence)	3x2 (< 1 mrad)	3 x 2(<1mrad) Multi 5x2 (< 2 mrad)	3 x 2 (<1mrad) Multi 5x2 (< 2 mrad)	3 x 2 (<1mrad) Multi 5x2 (< 2 mrad)
Focused beam size[mm] at 300mm		Dot >0.5	Dot >0.5, Multi Dot >1	Dot >0.5, Multi Dot >1	Dot >0.5, Multi Dot >1
Mode		TEM00	Multi-mode	TEM00,Multi-mode	TEM00,Multi-mode
Input voltage		3 ~ 5 V			
Consumption current		Max. 30 mA	Max. 40 mA	Max. 30 mA	Max. 30 mA
Laser Diode type		P or N-type or other			
Dimension		∅10 × 32 L			
Outside Material		Aluminum anodizing			
Lifetime at room temp.		20,000 hours			
Operating Temperature		-10 ~ 40 °C			
Storage Temperature		-30 ~ 80 °C			
Options					
Remarks		*설치시에 방열구조 필요 *과도한 충격을 금해주시고, 강한 모터나 전자기파 주변에 설치하는 것을 피해주시시오.			

『Optical / Electrical features』

Items	Features			
-------	----------	--	--	--

Wavelength		905nm	980nm		
Output Power		~4mW	~5mW		
Output Power stability		< ± 5%	< ± 5%		
Beam type & size(thickness) at 3m ■ Optional	Dot (Divergence)	3×2 (< 1 mrad)	3×2 (< 1 mrad)		
Focused beam size[mm] at 300mm		Dot >0.5	Dot >0.5		
Mode		TEM00	TEM00		
Input voltage		3 ~ 5 V			
Consumption current		Max. 25 mA	Max. 40 mA		
Laser Diode type		P or N-type or other			
Dimension		∅10 × 32 L			
Outside Material		Aluminum anodizing			
Lifetime at room temp.		20,000 hours			
Operating Temperature		-10 ~ 40 °C			
Storage Temperature		-30 ~ 80 °C			
Options					
Remarks		*설치시에 방열구조 필요 *과도한 충격을 금해주시고, 강한 모터나 전자기파 주변에 설치하는 것을 피해주시오.			