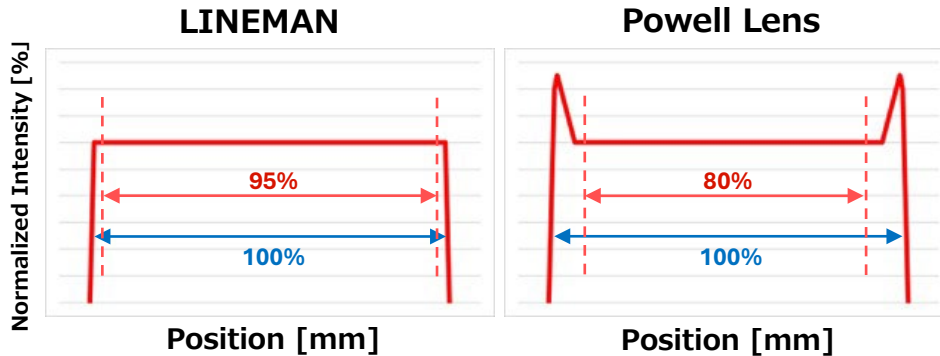




A laser module that uses an aspherical lens to generate an ideal top-hat beam with uniform illumination.

Characteristics



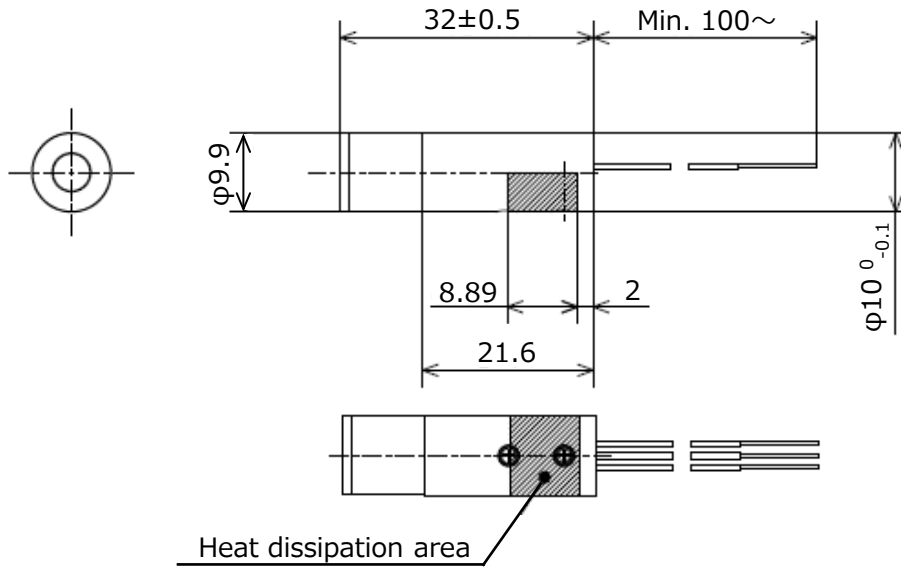
	Powell Lens	LINEMAN
Side lobe	Peaks on both ends	None
Uniformity	Good (< 20%)	Excellent (< 10%)
Productivity / Repeatability	Low (Polished)	High (Molded)
Straightness	Varies	Excellent (< 0.1%)

LINEMAN Standard Lineup

Custom options available.

Product Name	Wavelength	MAX Power	Fan Angle	Focal Distance	Line Length	Line Width	Input Volt	Remarks
	[nm]	[mW]	[degree]	[mm]	[mm]	[um]	[V]	
ALM-405175-*BB301	405	85	20	450~3000	160~1050	165~1080	12	APC Circuit
ALM-405175-*CB301			30		240~1600			
ALM-405175-*FB301			60		520~3450			
ALM-515010-*BD301	515	4.5	20		160~1050	285~1890		
ALM-515010-*CD301			30		240~1600			
ALM-515010-*FD301			60		520~3450			
ALM-520080-*BF301	520	35	20		160~1050	270~1800		
ALM-520080-*CF301			30		240~1600			
ALM-520080-*FF301			60		520~3450			
ALM-655010-*JA301	655	4.5	90		900~6000	160~1050	5	Size : φ10mm×33.3mm APC Circuit
ALM-660200-*BB301	660	125	20		160~1050	180~1200		
ALM-660200-*CB301			30		240~1600			
ALM-660200-*FB301			60		520~3450			
ALM-660120-*BC301	660	50	20		160~1050	145~990		APC Circuit
ALM-660120-*CC301			30		240~1600			
ALM-660120-*FC301			60		520~3450			
ALM-783100-*BC301	783	40	20		160~1050	190~1250		
ALM-783100-*CC301			30		240~1600			
ALM-783100-*FC301			60		520~3450			

Package Dimension (unit : mm)



Wire Connections

Wire : 28AWG UL1571

Wire	Color	Signal	Function
1	Red	Vcc	Input voltage
2	Black	GND	
3	Green	TTL-Mod.*	ON : 4~5V、OPEN OFF : 0~0.8V

*) The TTL modulation frequency is up to 1 MHz.

LINEMAN Series



**Focusable
LINEMAN**



**Super Straight
LINEMAN**



**【Custom】
Multiple
LINEMAN
(Parallel type)**