

PD60LA POLYGON LASER SCANNER

PD60LA



■ Application

- Medical Imagers
- Crack inspection apparatus
- Laser processing machine

■ Feature

- Low Speed
- High Precision (Jitter, Angle Error)

■ SPECIFICATIONS

No	ITEMS	SPECIFICATION	REMARKS
1	Model Number	PD60LA	Custom Model
2	Bearing Type	Ball	
3	Supply Voltage	24V	
4	Rotational Speed	1,200~6,500 r/min	
5	Direction of Rotation	CW or CCW	Top View
6	Mirror Size Range	50mm~80mm(t=6mm) inscribed dia	
7	Mirror Facet	6~18	
8	Flatness	$\lambda/8$	$\lambda = 632.8\text{nm}$
9	Reflectivity	85% min at Incident Angle of 30deg	$\lambda = 780\text{nm}$ S-Polarization
10	Dynamic Pyramidal Angle Error	All facets 20arc-sec.max (Peak to Peak)	
11	Jitter	0.015%Max. (Peak to Peak)	
12	Lifetime	8,000 hours	Room temp (25°C)

