

PD60EA POLYGON LASER SCANNER

PD60EA



■ Application

- Medical Imagers

■ Feature

- Low Speed
- High Precision(jitter)

■ STANDARD SPECIFICATIONS

No	ITEMS	SPECIFICATION	REMARKS
1	Model Number	PD60EA	Custom Model
2	Bearing Type	Ball	
3	Supply Voltage	24V	
4	Rotational Speed	1,200~5,000 r/min	
5	Direction of Rotation	CW or CCW	Top View
6	Mirror Size Range	40mm~55mm(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 30arc-sec.max (Peak to Peak)	
11	Jitter	0.03%Max. (Peak to Peak)	
12	Lifetime	8,000 hours	Room temp (25°C)

PD60EA

■ TYPICAL OUTLINE DIMENSIONS (SCANNER ASSEMBLY)

