



www.sl-hitech.com

Company Overview

Company Profile

Name : SL HITECH LTD.

Head Office : 833, Mannyeon-ro, Jeongnam-myeon,
Hwaseong-si, Gyeonggi-do, Republic of Korea

Establishment : May, 1986

CEO : Yong-Nam Eom

Employees : 280

Main Products : Polygon Motors, Polygon Mirrors

Production Capacity : 10 Mil pcs / Year (Motor)

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Company History

- **2018. 06** FPOT(First Paper Out Time) New Motor Production Start
- **2017. 06** Rohm IC Driver(Zero Hall sensor) Motor Production
- **2016. 06** Acquisition Sintai Mirror Facilities, Start Mirror Production in-house. (4~12 Facets Mirror)
- **2015. 03** SMT & FDB Motor Approved by S(Korea), E(China) company
- **2014. 12** Complete FDB(Fluid Dynamic Bearing) Development
- **2014. 11** Build Additional SMT Line (5 Motor Lines, 2 SMT Lines)
- **2011. 07** Start LBP Motor Mirror Production
- 2011. 03 Company name change "SL HITECH"
- **2009. 10** Start LBP Motor ASS'Y Production



- 2005. 11 • Start Spacer, Ring Production (S Company, LESN)
- **2005. 09** • Certificated ISO-14001 and "S-partner"(S company)
- **2004. 02** • Established Factory in Dongguan, China
- 2001. 10 • Single PPM Certification Acquisition
- 1999. 12 • Certificated ISO-9001
- **1995. 05** • Established factory in Korea
- 1991. 11 • "Supplier of the Year" award from SEM
- **1986. 05** • **Company Established**
(FDD & CD ROM, Vibration Motors etc)

Global Location

- Korea (HQ, R&D Center, Hwaseong Factory)
- China (Dongguan Factory)
- Japan (Branch office in Tokyo)



Korea Factory – FDB Manufacturing

■ FDBearing Manufacturing Process (Korea Factory)



Processing

Processing

Inspection

China Factory – Polygon Mirror Motor Manufacturing



Product Scope – Polygon Mirror

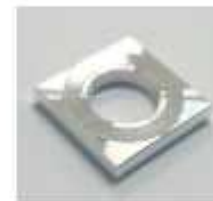
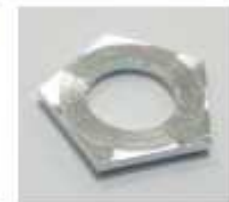
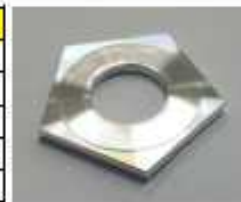
All specifications and facets can be customized.

AL MIRROR



Factor	6 Facet Ø40	6 Facet Ø30
DPA(PP)	70	120
DPA(FF)	40	60
Flatness	Less than $\lambda/8$	Less than $\lambda/4$
Reflectivity	85%	87%
Mirror Thickness	2mm	2mm

Factor	5 Facet Ø35	5 Facet Ø25
DPA(PP)	70	70
DPA(FF)	40	40
Flatness	Less than $\lambda/3$	Less than $\lambda/3$
Reflectivity	80%	88%
Mirror Thickness	2mm	2mm



Factor	4 Facet Ø28	4 Facet Ø20
DPA(PP)	60	300
DPA(FF)	40	300
Flatness	Less than $\lambda/4$	Less than $\lambda/3$
Reflectivity	80%	80%
Mirror Thickness	2.5mm	2.5mm

Factor	12 Facet Ø26	12 Facet Ø16
DPA(PP)	40	60
DPA(FF)	20	30
Flatness	Less Than $\lambda/8$	Less Than $\lambda/5$
Reflectivity	85%	83%
Mirror Thickness	5mm	2mm



Product Scope – Polygon Mirror Scanner Motors



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