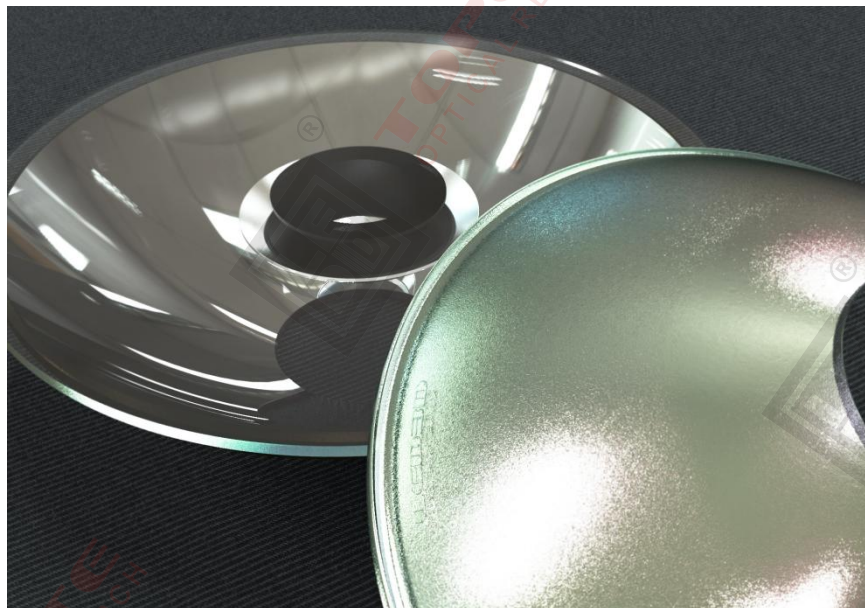


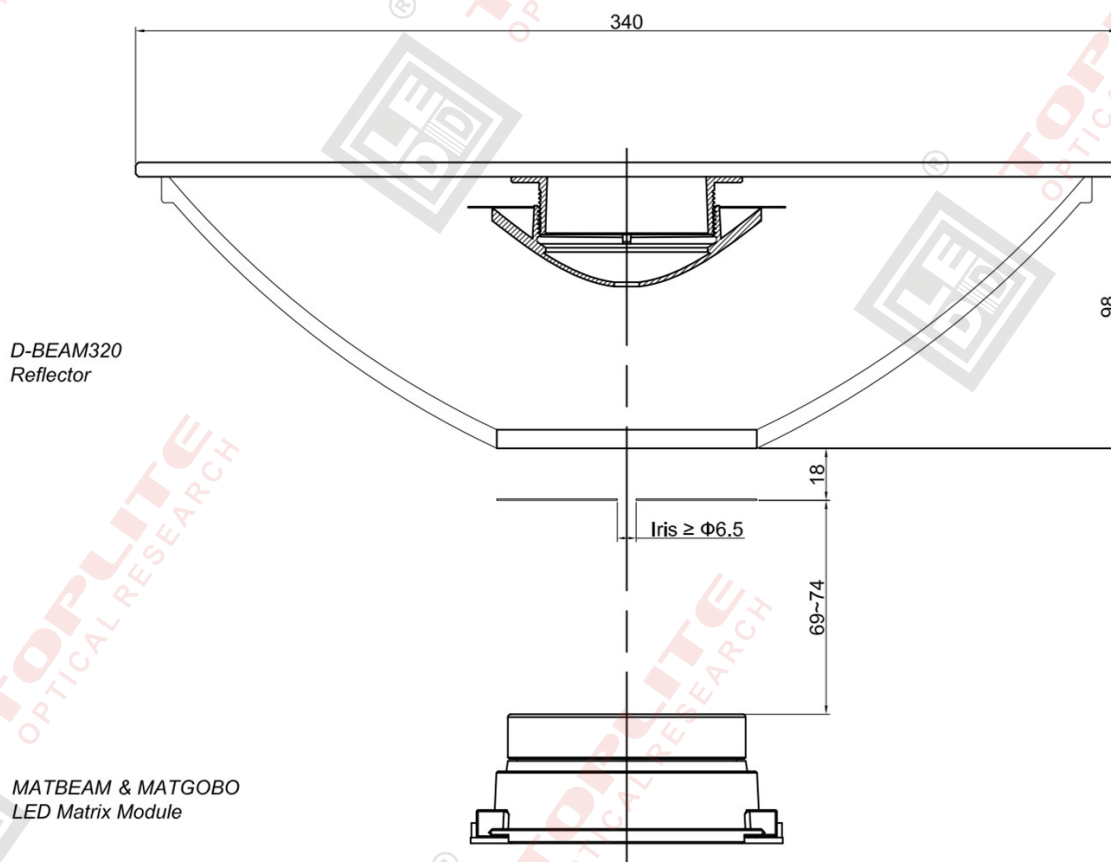
Folded Light Path Reflector

This product model, **D-BEAM320**, is a collimating optical component with a large emission surface. The main body of D-BEAM320 is made of glass, molded with high temperature and high precision, and internally coated with high-efficiency reflection films. Incident light is collimated after multiple reflections by two reflective surfaces. As a result D-BEAM320 can output a light beam with very narrow beam angle, which can be as small as less than 1 degree, like a pencil beam. Adjust the relative position between the two reflective surfaces to obtain the minimum size and clear light spot at a certain projection distance, and achieve a small-range zoom.

Application: LED moving head beam light, outdoor beam searchlight, long-distance beam spotlight.



- ◆ Outline dimension: 340mm × 97mm
- ◆ Light emission size: $\Phi 320\text{mm}$
- ◆ Minimum beam angle: $\leq 1^\circ$
- ◆ Compatible light source: Optical fly-eye lens matrix module(LED, Laser)
- ◆ Typical light path diagram:



The iris size and distance to matrix module depend on the selected optical fly-eye lens matrix module.

◆ Test data reference:

LED matrix module	LED model, quantity and drive current	Module power	Illuminance data at 10m	Beam angle
MATBEAM360	OSTAR® Projection Compact KW CSLNM1.TG, 37pcs, 3.0A×3	330W	85,000 lx	1°
MATBEAM360	SFT12, 37pcs 4.0A×3	520W	100,000 lx	1°
MATBEAM1000	5050-20W, 37pcs 6.0A×3	800W	125,000 lx	2.9°
MATGOBO600	5050-20W, 37pcs 6.0A×5	1300W	110,000 lx	4°

Remarks: The specific test data is related to the selected LED, wiring, heat dissipation, assembly technology, structural accuracy and other factors. Please refer to the actual situation when using it.