DATASHEET

S01.02.01.029_OERSTED-26-DA25B

Linear Lenses：

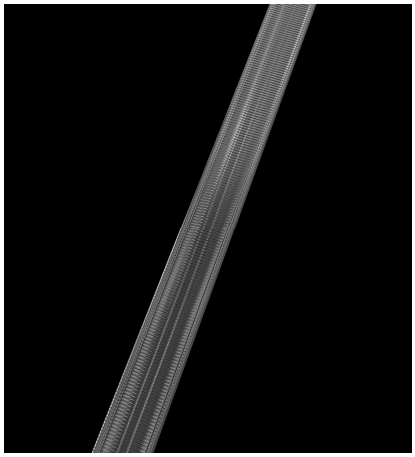
Double asymmetric beam for long distances.

For aisle and shelf lighting.

Variant for up to 24 mm wide Zhaga PCBs

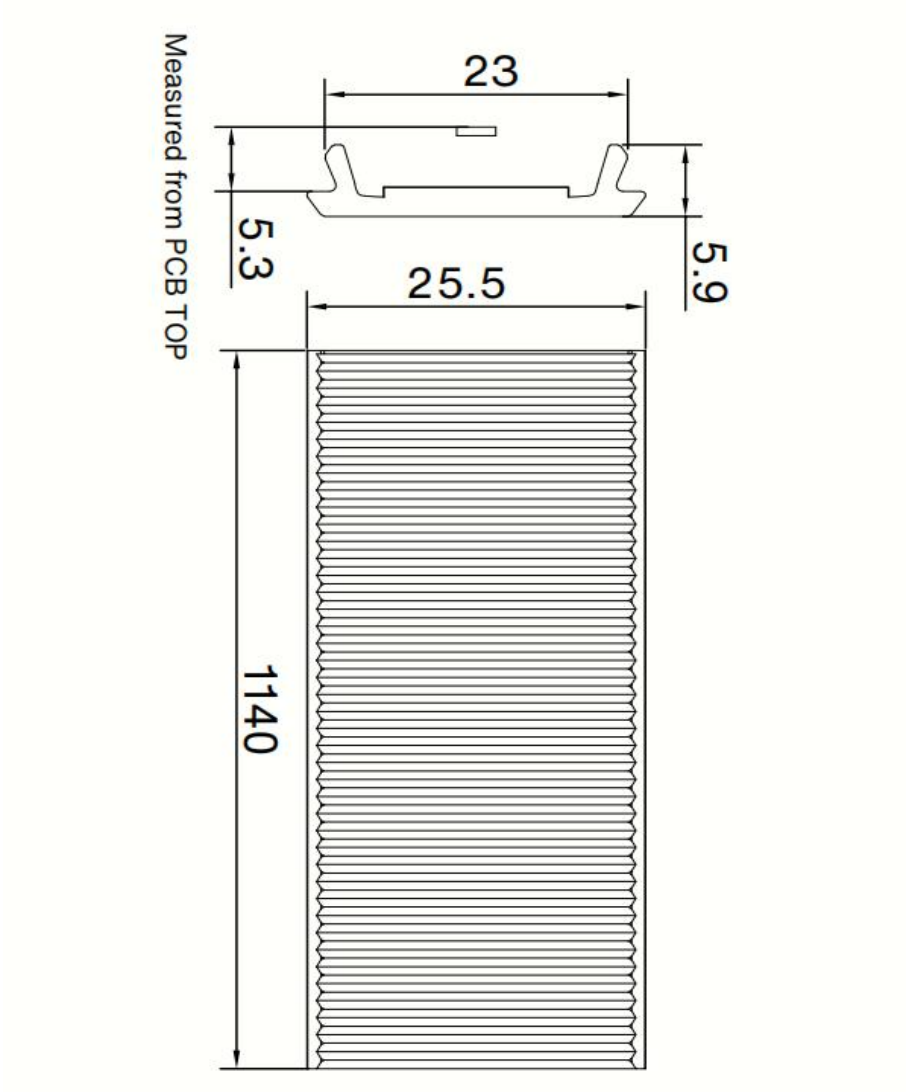
1.General Information

Lens Material	：	PMMA
Size	：	26x1140mm
typ.FWHM	：	Double Asymmetric
Design LED	：	Samsung LM301B
Compatibility	：	3030/2835
typ.Efficiency	：	91%
Fasten	：	Frame
IP class	：	N/A
Zhaga	：	N/A
RoHS	：	YES
Color	：	Milky



2.MECHANICAL SPECIFICATION

UNIT:mm



Dimensions with unmarked tolerances refer to GBT14486 tolerance table.

3. OPTICAL RESULTS

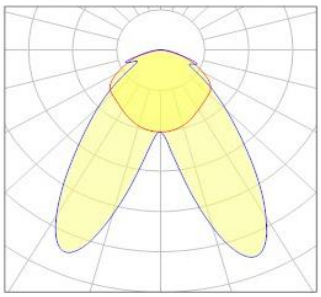
1）PHOTOMETRIC DATA(MEASURED):

SAMSUNG

LED model	LM301B
Light colour	White
LEDs/each optic	1
FWHM	Double Asymmetric

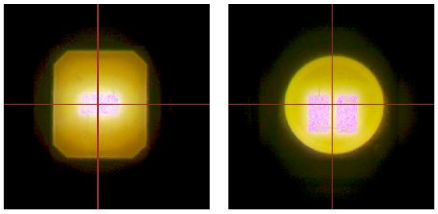
Required components:

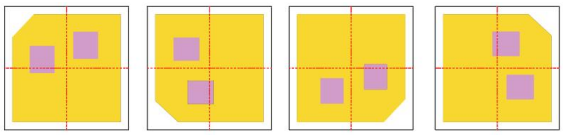
N/A



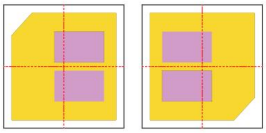
4.Usage and Maintenance

1)Due to varying asymmetric chip locations, especially on mid-power LEDs, the exact source of light is not always located at the centre of the LED packet. SunLumin recommends rotating such LEDs on the PCB in a regular pattern for smoother results. Sample layout proposal:





Example A



Example B

2) If necessary, clean lenses with mild soap, water and soft cloth.

3) Never use any commercial cleaning solvents on lenses, like alcohol.

4) Please handle lens with wearing gloves, skin oils may damage lens or its optical characteristic.

5.Disclaimer

When gule pass through holes, columns and other structures, or part of the thin structure, will form a weld line. Please note that flow lines and weld lines on the external surfaces of the lenses are acceptable if the optical performance of the lens is within the specifications.

The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value. The chart data is for reference only. Please test the data again before using.

The appearance and specifications of the product can be changed to improve the quality and/or performance without notice.

SunLumin assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

Last update: 11/Sep/24