

DATASHEET

S01.01.01.454_CURIE-XX-A25_G2

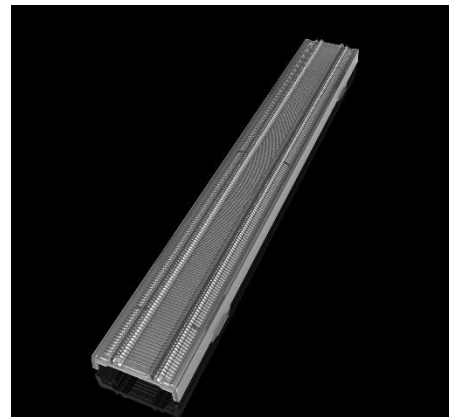
Linear Lens:

Asymmetric beam for wall-washing and 1.0 mm metal sheet or profile.
Variant made from PC.

CURIE-G2 SERIES, 280×40mm linear lens, Free arrangement of LEDs, optimized for 3030 size LED package. Compatible with 2835 LED package. Fit for 24mm wide ZHAGA PCB

General Information

Lens Material	: Optical PC
Size	: 280x40mm
typ.FWHM	: Asymmetric
Design LED	: Samsung LM301B
Compatibility	: 3030/2835
typ.Efficiency	: 81%
Fasten	: Clips
IP class	: IP20
Zhaga	: N/A
RoHS	: YES
Color	: Clear

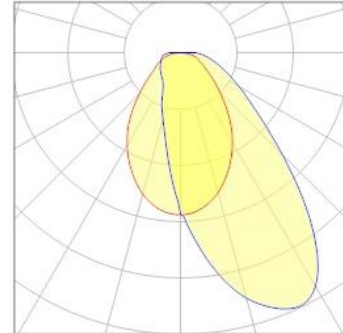


OPTICAL RESULTS

1) PHOTOMETRIC DATA(MEASURED):

TYF 同一方

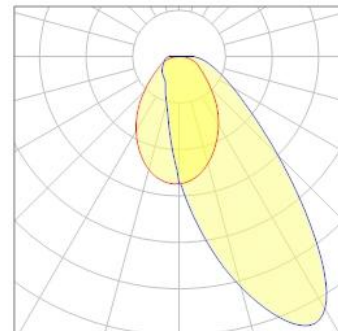
LED model TYF 3030
Light colour White
LEDs/each optic 1
FWHM Asymmetric
Required components:



2) PHOTOMETRIC DATA(MEASURED):

SAMSUNG

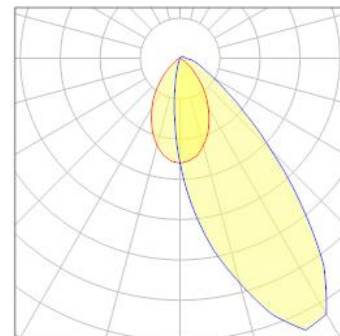
LED model LM301B
Light colour White
LEDs/each optic 1
FWHM Asymmetric
Required components:



3) PHOTOMETRIC DATA(SIMULATED):

LUMILEDS

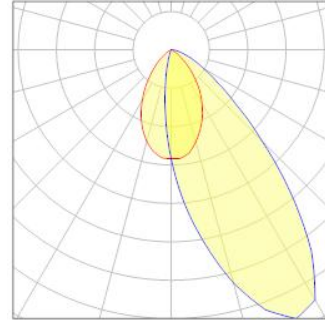
LED model LUXEON 3030-2D
Light colour White
LEDs/each optic 1
FWHM Asymmetric
Required components:



4) PHOTOMETRIC DATA(SIMULATED):



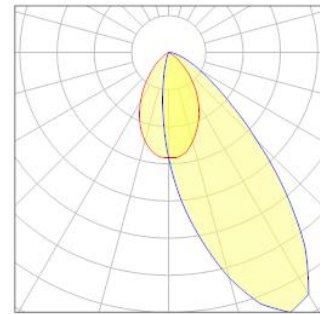
LED model JK3030-6V
 Light colour White
 LEDs/each optic 1
 FWHM Asymmetric
 Required components:



5) PHOTOMETRIC DATA(SIMULATED):

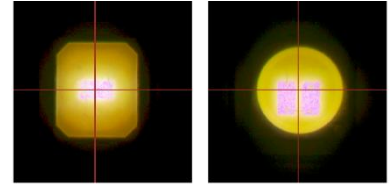
OSRAM

LED model GW_CSSRM3_PM
 Light colour White
 LEDs/each optic 1
 FWHM Asymmetric
 Required components:

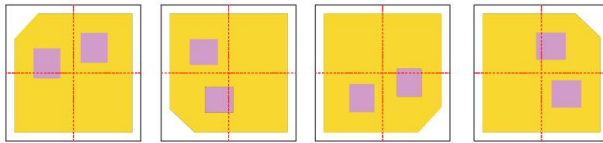


Usage and Maintenance

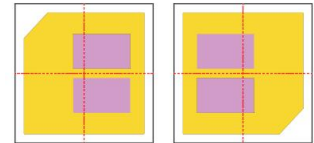
1) Due to varying asymmetric chip locations, especially on mid-power LEDs, the exact source of light is not always located at the centre of the LED packet. SunLumin recommends rotating such LEDs on the PCB in a regular pattern for smoother results.



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: 28-Oct-25