STRADELLA-IP-28-HB-S

~30° spot beam. Variant made from PMMA.

TECHNICAL SPECIFICATIONS:

Dimensions 100.0 x 100.0 mm

Height 9.5 mm

Fastening pin, screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishSTRADELLA-IP-28-HB-SMulti-lensPMMAclearSTRADELLA-28-SEALSealSiliconewhite

ORDERING INFORMATION:

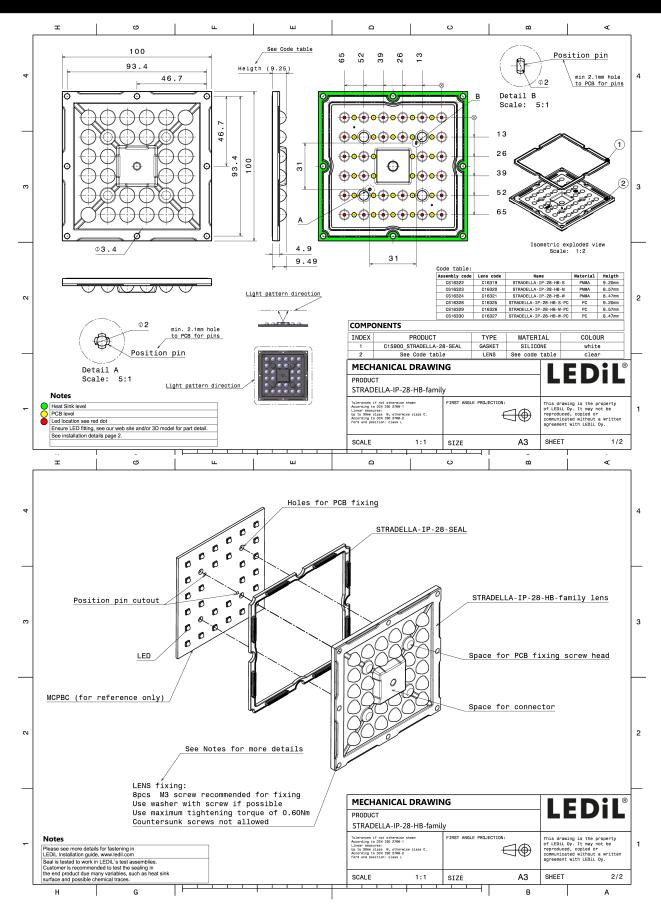
Component

Qty in box MOQ MPQ Box weight (kg)

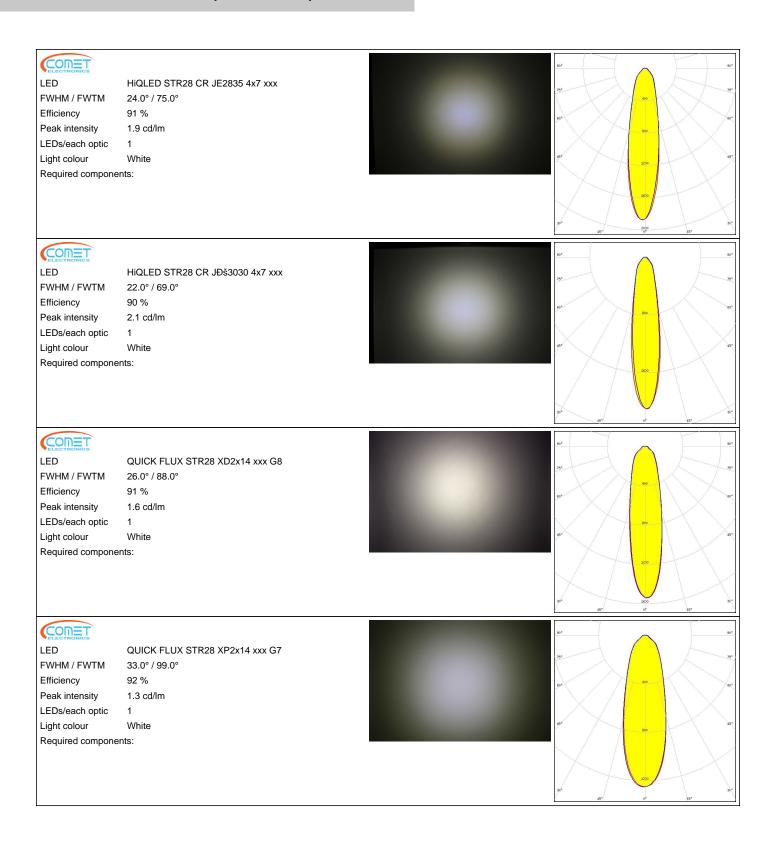
CS16322_STRADELLA-IP-28-HB-S Multi-lens 156 78 78 5.9

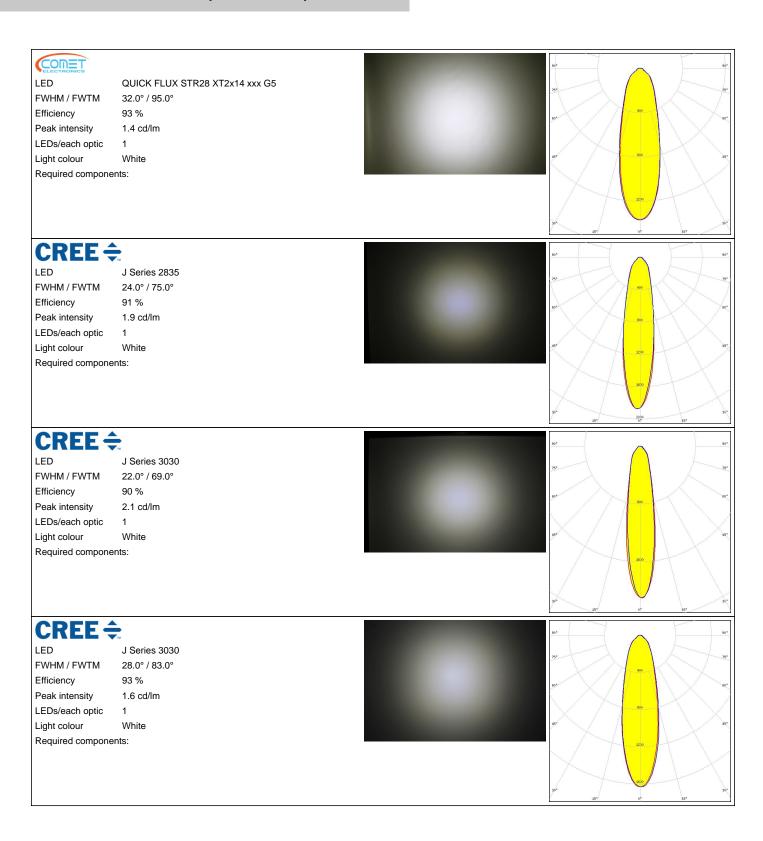
» Box size: 476 x 273 x 247 mm

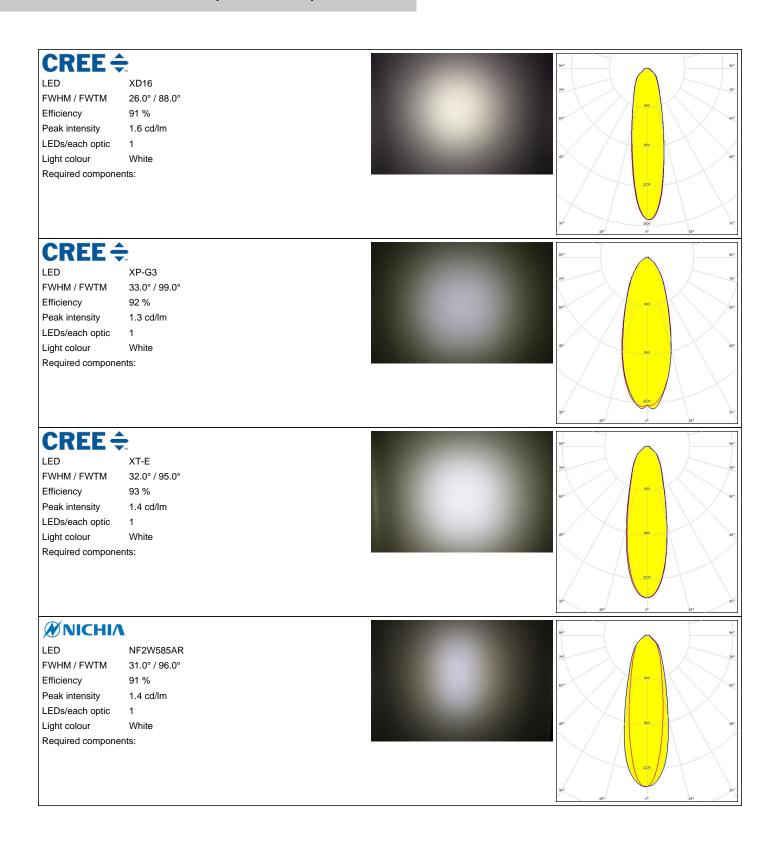


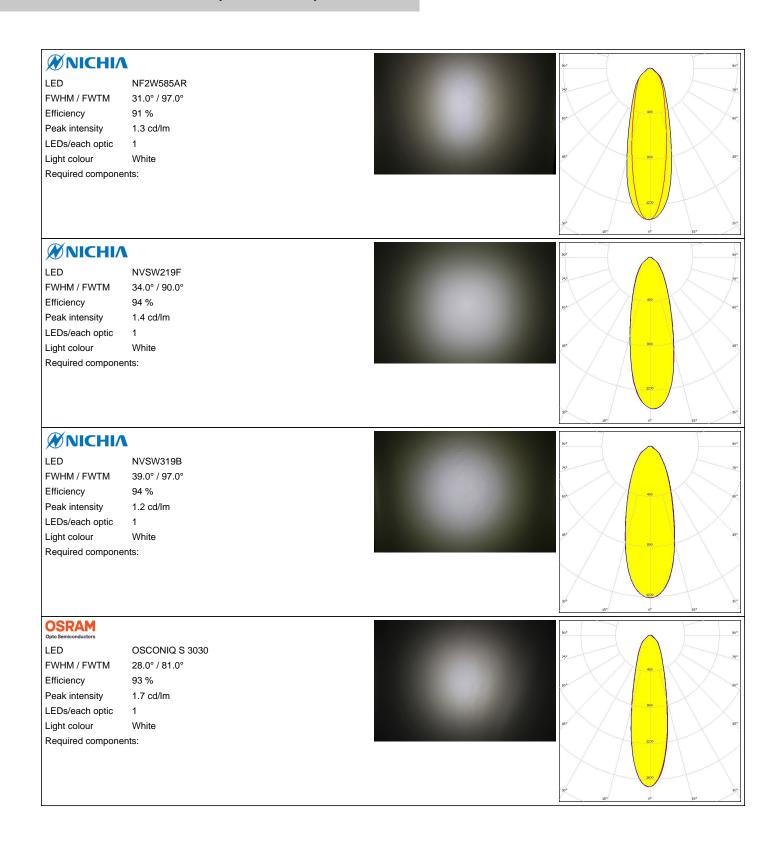


See also our general installation guide: www.ledil.com/installation_guide







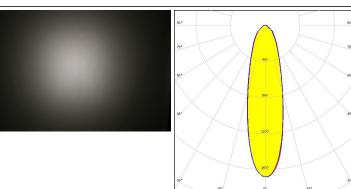


PHOTOMETRIC DATA (MEASURED):



LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 28.0° / 80.0°
Efficiency 93 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

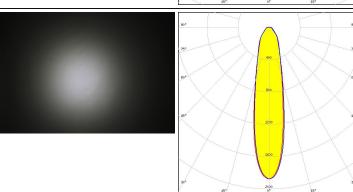


SAMSUNG

LED HiLOM SC28 (LH181B)

FWHM / FWTM 23.0° / 74.0°
Efficiency 89 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

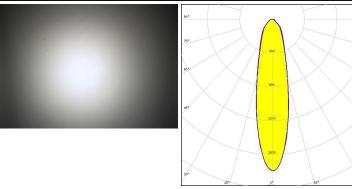


SAMSUNG

LED HiLOM SM28 (LM301B)

FWHM / FWTM 25.0° / 78.0°
Efficiency 91 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White

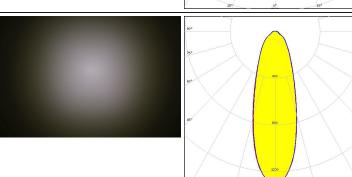
Required components:



SEOUL SEMICONDUCTOR

SEOUL SEMICONDUCT

LED Z5M3
FWHM / FWTM 34.0° / 94.0°
Efficiency 93 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



XP-G2 HE $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 37.0° / 90.0°

Efficiency 92 % Peak intensity 1.3 cd/lm

LEDs/each optic White

Light colour Required components:

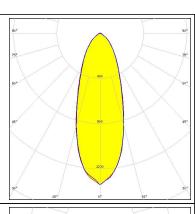
CREE ÷

LED XP-L HI FWHM / FWTM 30.0° / 82.0°

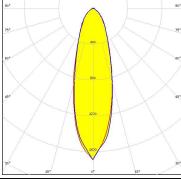
Efficiency 90 % Peak intensity 1.7 cd/lm

LEDs/each optic 1 Light colour

Required components:



White

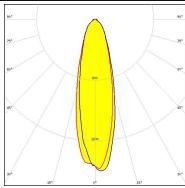


LUMILEDS

LED LUXEON 3030 2D (Round LES)

FWHM / FWTM 27.0° / 74.0° Efficiency 92 % Peak intensity 2 cd/lm LEDs/each optic Light colour White

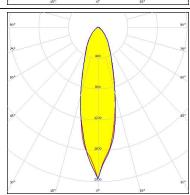
Required components:



WNICHIA

LED NF2x757G FWHM / FWTM 28.0° / 76.0° Efficiency 93 % Peak intensity 2 cd/lm

LEDs/each optic White Light colour Required components:



8/13

PHOTOMETRIC DATA (SIMULATED):

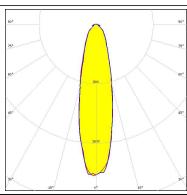


LED NVSxE21A FWHM / FWTM 25.0° / 73.0° Efficiency 92 %

Peak intensity 2.1 cd/lm LEDs/each optic

Required components:

Light colour



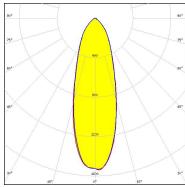
WNICHIA

LED NVSxx19B/NVSxx19C

White

FWHM / FWTM 34.0° / 86.0° Efficiency 93 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour

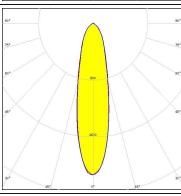
Required components:



OSRAM Opto Semiconductors

OSCONIQ C 2424 LED FWHM / FWTM 25.0° / 73.0° Efficiency 93 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White

Required components:

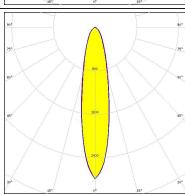


OSRAM

LED OSCONIQ P 3030

FWHM / FWTM 22.0° / 60.0° Efficiency 94 % Peak intensity 2.8 cd/lm LEDs/each optic White Light colour

Required components:

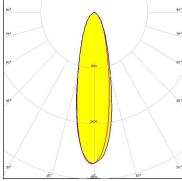


PHOTOMETRIC DATA (SIMULATED):

OSRAM

LED OSCONIQ P 3737 (2W version)

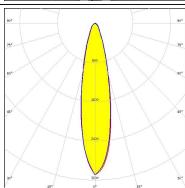
FWHM / FWTM 27.0° / 69.0°
Efficiency 93 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductor

LED OSLON SSL 80
FWHM / FWTM 23.0° / 51.0°
Efficiency 93 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

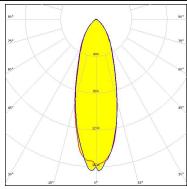
 LED
 LH351B

 FWHM / FWTM
 33.0° / 82.0°

 Efficiency
 94 %

 Peak intensity
 1.8 cd/lm

LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

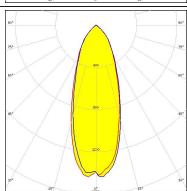
 LED
 LH351C

 FWHM / FWTM
 37.0° / 87.0°

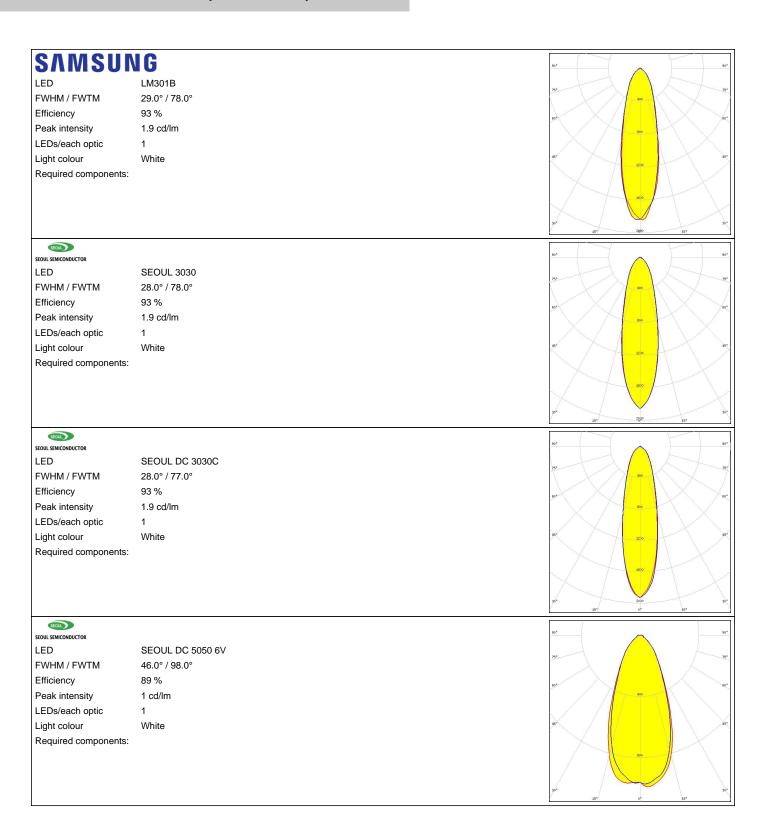
 Efficiency
 94 %

 Peak intensity
 1.6 cd/lm

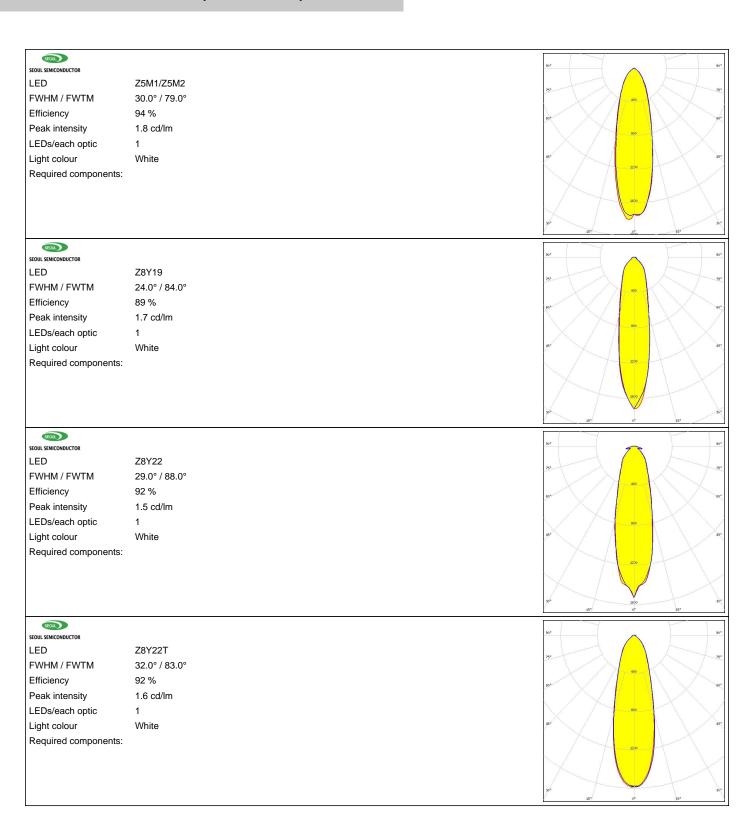
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



PHOTOMETRIC DATA (SIMULATED):





GENERAL INFORMATION:

NOTE: 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.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy 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.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDIL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405, Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support

www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners

13/13

www.ledil.com/ where_to_buy