

## FLORENTINA-2X2-MRK-W

~50° wide beam. Compatible with ultra high power LEDs.

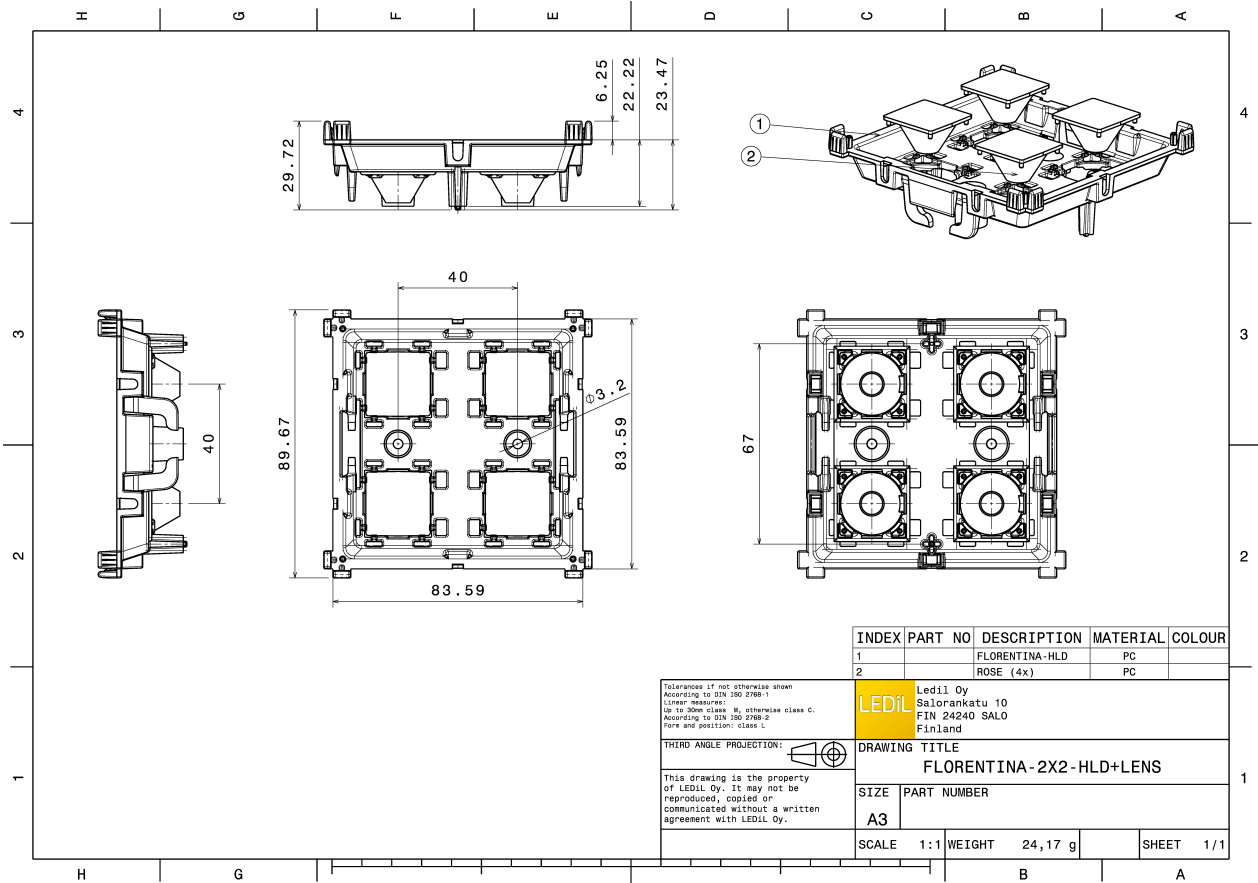
### TECHNICAL SPECIFICATIONS:

Dimensions	89.7 mm
Height	17.7 mm
Fastening	pin, screw
Colour	black
Box size	476 x 273 x 292 mm
Box weight	4.3 kg
Quantity in Box	88 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

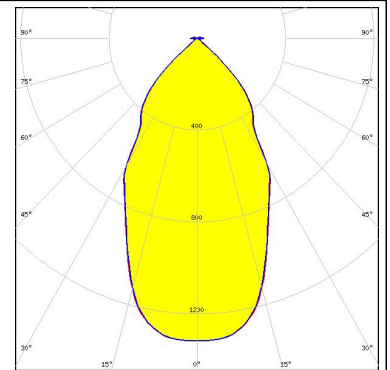
Component	Type	Material	Colour
ROSE-MRK-W	Lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	black



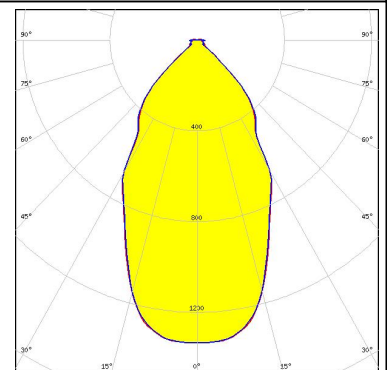
#### PHOTOMETRIC DATA (MEASURED):



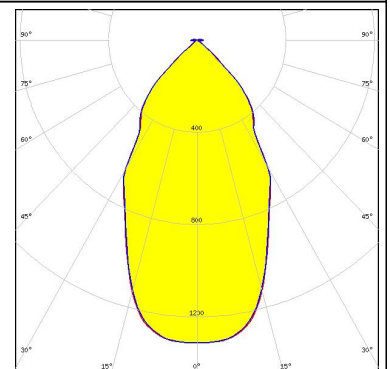
LED XHP35 HD  
 FWHM 57.0°  
 Efficiency 72 %  
 Peak intensity 0.680 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



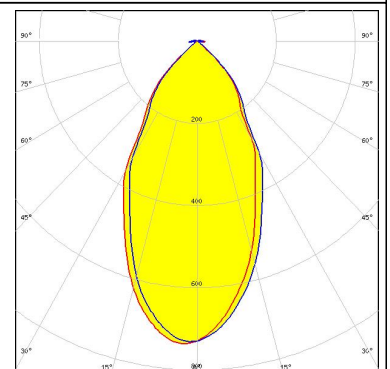
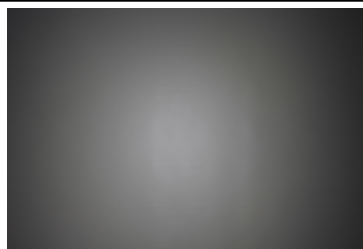
LED XHP35 HD  
 FWHM 58.0°  
 Efficiency 78 %  
 Peak intensity 0.690 cd/lm  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



LED XHP35 HD  
 FWHM 57.0°  
 Efficiency 72 %  
 Peak intensity 0.680 cd/lm  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN



LED XHP50  
 FWHM 53.0°  
 Efficiency 71 %  
 Peak intensity 0.740 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD

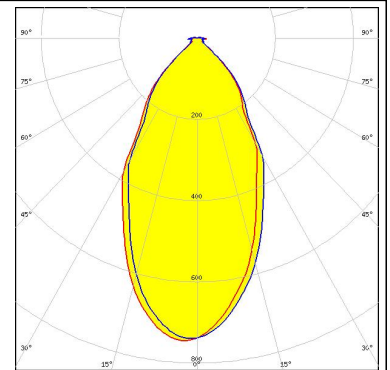


#### PHOTOMETRIC DATA (MEASURED):



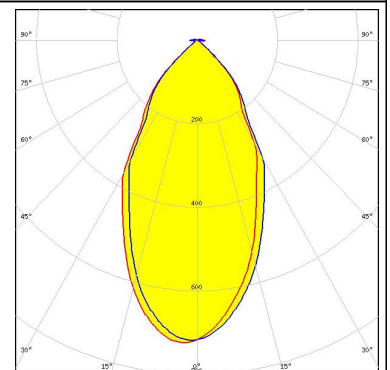
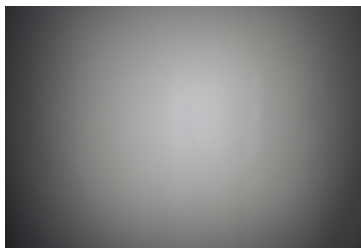
LED XHP50  
 FWHM 54.0°  
 Efficiency 77 %  
 Peak intensity 0.750 cd/lm  
 Required components:

C14960\_FLORENTINA-2X2-SHD-WHT



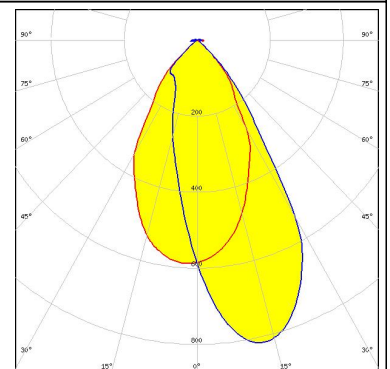
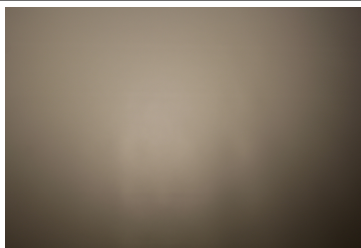
LED XHP50  
 FWHM 54.0°  
 Efficiency 71 %  
 Peak intensity 0.730 cd/lm  
 Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN



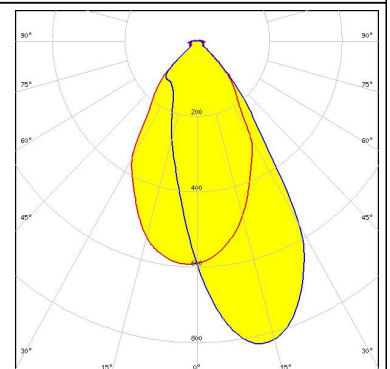
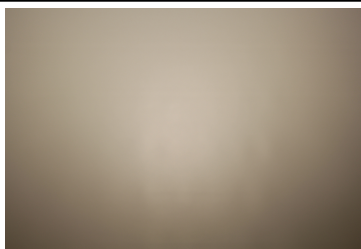
LED XHP70  
 FWHM 61.0°  
 Efficiency 66 %  
 Peak intensity 0.820 cd/lm  
 Required components:

C14734\_FLORENTINA-2X2-SHD



LED XHP70  
 FWHM 63.0°  
 Efficiency 74 %  
 Peak intensity 0.830 cd/lm  
 Required components:

C14960\_FLORENTINA-2X2-SHD-WHT



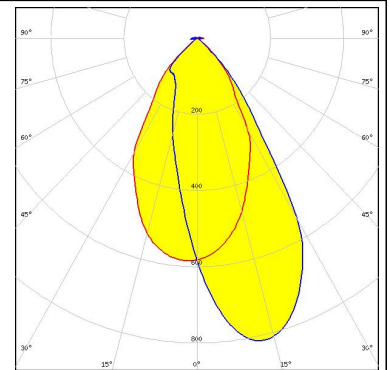
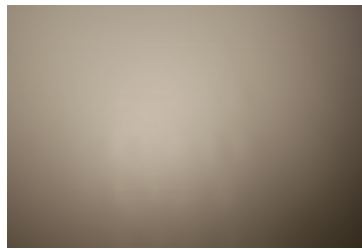
#### PHOTOMETRIC DATA (MEASURED):



LED XHP70  
 FWHM 61.0°  
 Efficiency 66 %  
 Peak intensity 0.820 cd/lm

Required components:

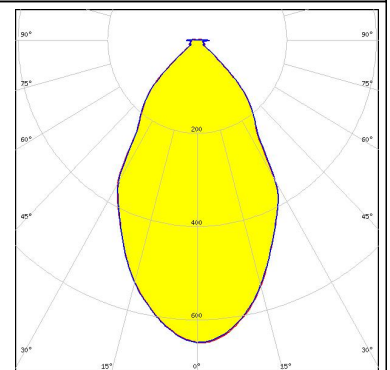
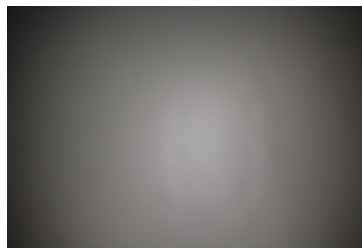
C15196\_FLORENTINA-2X2-SHD-OPEN



LED H70E0  
 FWHM 62.0°  
 Efficiency 76 %  
 Peak intensity 0.650 cd/lm

Required components:

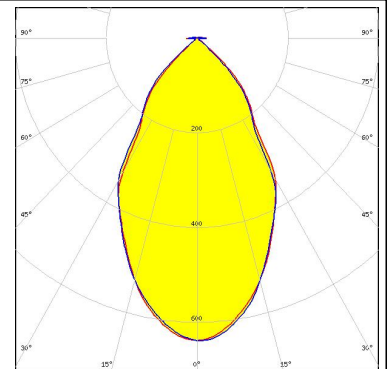
C14960\_FLORENTINA-2X2-SHD-WHT



LED H70E0  
 FWHM 61.0°  
 Efficiency 69 %  
 Peak intensity 0.640 cd/lm

Required components:

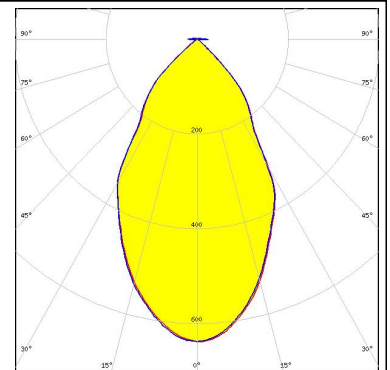
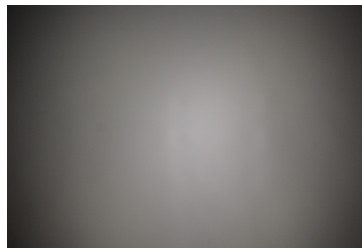
C15196\_FLORENTINA-2X2-SHD-OPEN



LED H70E0  
 FWHM 61.0°  
 Efficiency 69 %  
 Peak intensity 0.640 cd/lm

Required components:

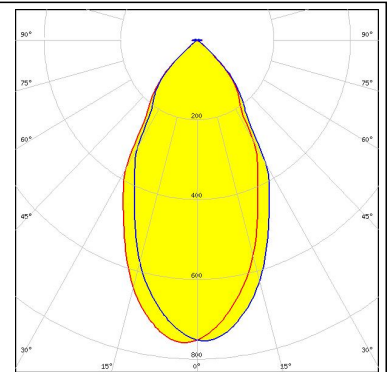
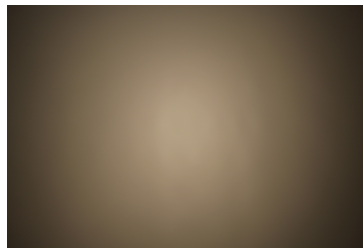
C14734\_FLORENTINA-2X2-SHD



#### PHOTOMETRIC DATA (MEASURED):

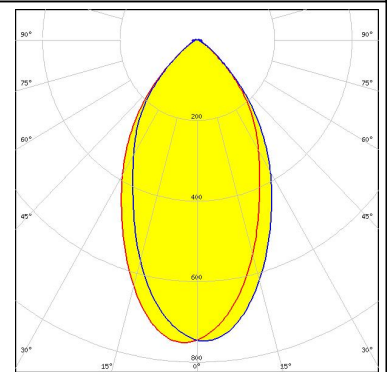
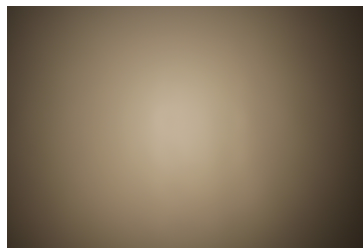
#### LUMILEDS

LED LUXEON M/MX  
 FWHM 54.0°  
 Efficiency 71 %  
 Peak intensity 0.760 cd/lm  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



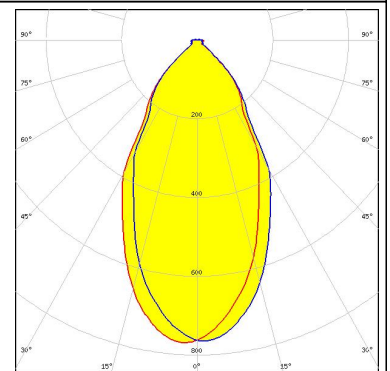
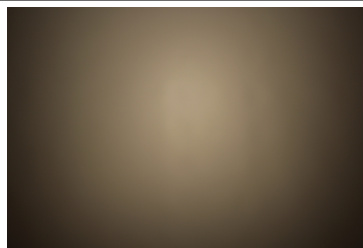
#### LUMILEDS

LED LUXEON M/MX  
 FWHM 56.0°  
 Efficiency 81 %  
 Peak intensity 0.760 cd/lm  
 Required components:



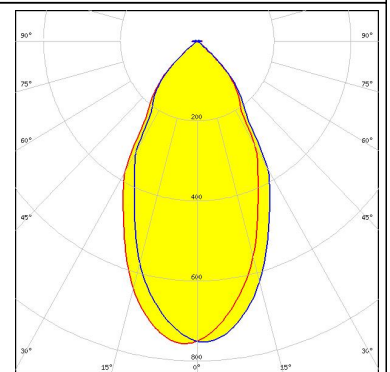
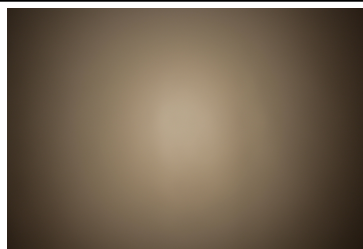
#### LUMILEDS

LED LUXEON M/MX  
 FWHM 55.0°  
 Efficiency 78 %  
 Peak intensity 0.770 cd/lm  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT


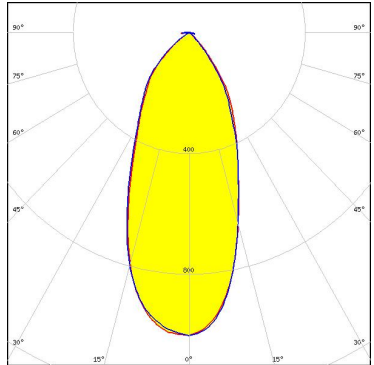
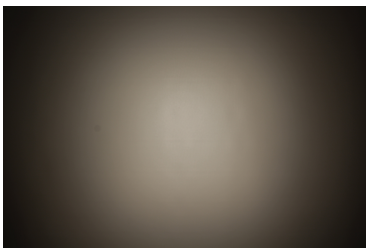
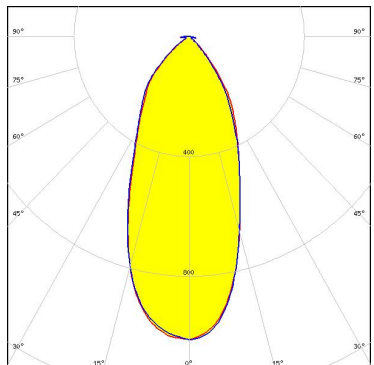

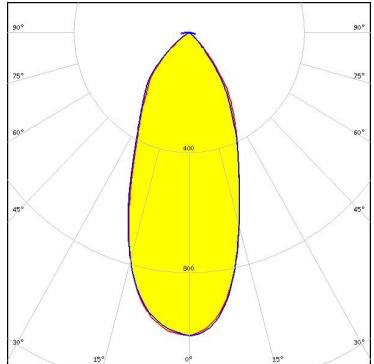
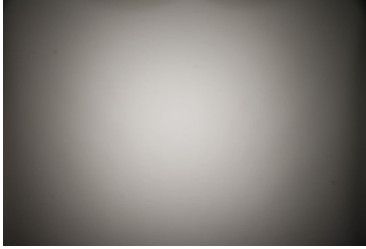
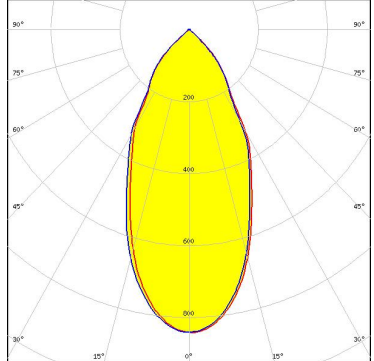


#### LUMILEDS

LED LUXEON M/MX  
 FWHM 55.0°  
 Efficiency 71 %  
 Peak intensity 0.760 cd/lm  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN



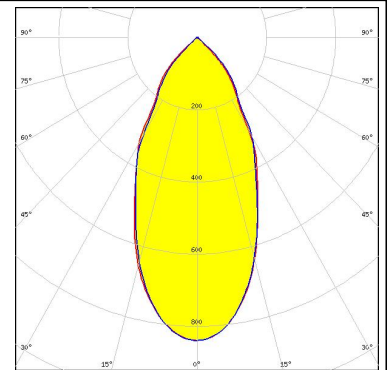
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED            LUXEON MZ</p> <p>FWHM        43.0°</p> <p>Efficiency    78 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components:</p> <p>    C14734_FLORENTINA-2X2-SHD</p>		
<p><b>LUMILEDS</b></p> <p>LED            LUXEON MZ</p> <p>FWHM        44.0°</p> <p>Efficiency    80 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components:</p> <p>    C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p><b>LUMILEDS</b></p> <p>LED            LUXEON MZ</p> <p>FWHM        43.0°</p> <p>Efficiency    75 %</p> <p>Peak intensity 1.000 cd/lm</p> <p>Required components:</p> <p>    C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED            OSCONIQ P 7070</p> <p>FWHM        49.0°</p> <p>Efficiency    68 %</p> <p>Peak intensity 0.840 cd/lm</p> <p>Required components:</p> <p>    C15196_FLORENTINA-2X2-SHD-OPEN</p>		

#### PHOTOMETRIC DATA (MEASURED):

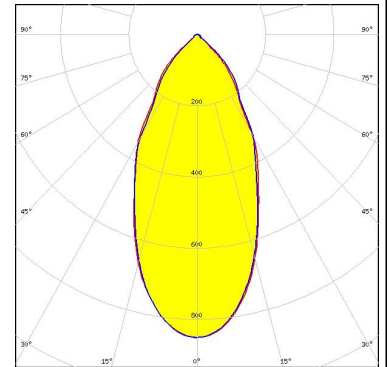
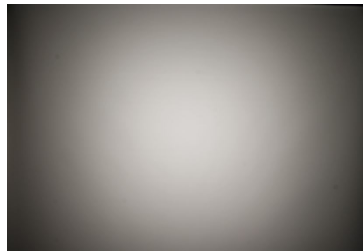
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 49.0°  
Efficiency 68 %  
Peak intensity 0.840 cd/lm  
Required components:  
C14734\_FLORENTINA-2X2-SHD



**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 50.0°  
Efficiency 74 %  
Peak intensity 0.850 cd/lm  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT





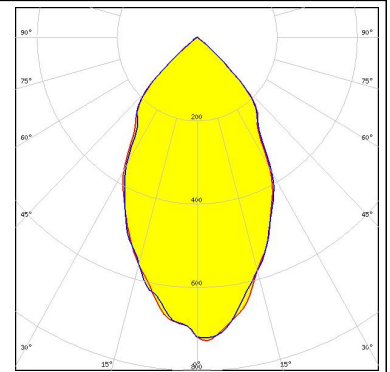
#### PHOTOMETRIC DATA (SIMULATED):



LED NV4x144A  
FWHM 60.0°  
Efficiency 77 %  
Peak intensity 0.760 cd/lm

Required components:

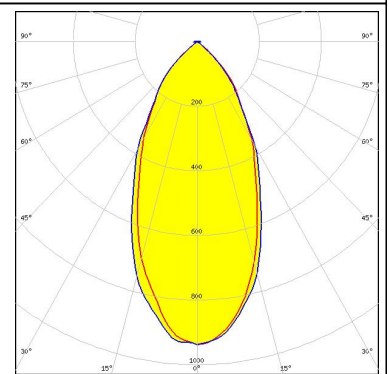
C14734\_FLORENTINA-2X2-SHD



LED Duris S8  
FWHM 50.0°  
Efficiency 81 %  
Peak intensity 0.950 cd/lm

Required components:

C14734\_FLORENTINA-2X2-SHD



#### 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

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [LED Lighting Lenses Assemblies](#) category:*

*Click to view products by [Ledil](#) manufacturer:*

Other Similar products are found below :

[FCN12592\\_LE1-D-COP](#) [CA11362\\_IRIS](#) [CA16127\\_OLGA-S](#) [CP16107\\_CARMEN-50-S-C](#) [CS15763\\_STRADA-2X2MX-8-VSM](#)  
[C17171\\_DAISSY-8X1-SHD-MATT](#) [C17172\\_DAISSY-8X1-SHD-MATT-WHT](#) [C17173\\_DAISSY-4X1-WW-US](#) [C17341\\_DAISSY-4X1-WW-US-](#)  
[D](#) [CS15759\\_HB-2X2MX-8-W](#) [CS15769\\_STRADA-2X2MX-8-T2-S](#) [CA16435\\_LXP2-SS-WAS](#) [CS13756\\_STRADA-IP-2X6-DWC-PC](#)  
[CN16210\\_GABRIELLA-MIDI-W](#) [CP17138\\_CARMEN-M2-C-WHT](#) [CP17137\\_CARMEN-M2-C](#) [CA16015\\_STRADA-SQ-SCL](#)  
[C16989\\_DAISSY-7X1-W2](#) [C17225\\_DAISSY-7X1-SHD-WHT-MATT](#) [C17296\\_ILONA-ZOOM-SUB](#) [FP15752\\_STRADA-2X2MXS-T3](#)  
[C16590\\_DAISSY-4X1-SHD](#) [FP16562\\_LISA3-WWW-PIN](#) [CX15819\\_GABRIELLA-45-W](#) [C16870\\_DAISSY-7X1-WW](#) [CP12939\\_LARISA-RS-](#)  
[CLIP16](#) [C14636\\_XTM-PF-ADAPTER](#) [CA14506\\_G2-LXP2-RS2](#) [CA14508\\_G2-LXP2-D](#) [FCP13895\\_SEANNA-A](#) [FN14637\\_OLIVIA-S](#)  
[CP12943\\_LARISA-O-CLIP16](#) [FP11124\\_LISA2-O-PIN](#) [CP10444\\_LISA-SS](#) [CS14597\\_HB-IP-2X6-O](#) [CP14995\\_FLORENTINA-HLD-O](#)  
[CA16128\\_OLGA-M](#) [CP14994\\_FLORENTINA-HLD-M](#) [CP15775\\_CARMEN-M-C](#) [CS15158\\_STRADA-IP-2X6-T4-B](#) [CS15363\\_STRADA-](#)  
[IP-2X6-T2-B](#) [CS15751\\_STRADA-2X2MX-8-DWC](#) [CS15886\\_STRADA-IP-2X6-T2-B-90](#) [CS16323\\_STRADELLA-IP-28-HB-M](#)  
[FN14976\\_STELLA-DWC2](#) [FN15264\\_STELLA-HB-WWW](#) [FN15966\\_RONDA-WWW-C](#) [FN15971\\_RONDA-WAS-C](#) [FP15073\\_ZORYA-](#)  
[SC-B](#) [CA15584\\_ZORYA-MINI-TAPE](#)