

STRADELLA-8-HV-HB-W

~85° wide beam for industrial applications.
Variant with improved creepage distance for high voltage circuit designs.

TECHNICAL SPECIFICATIONS:

Dimensions	49.5 x 49.5 mm
Height	7.1 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

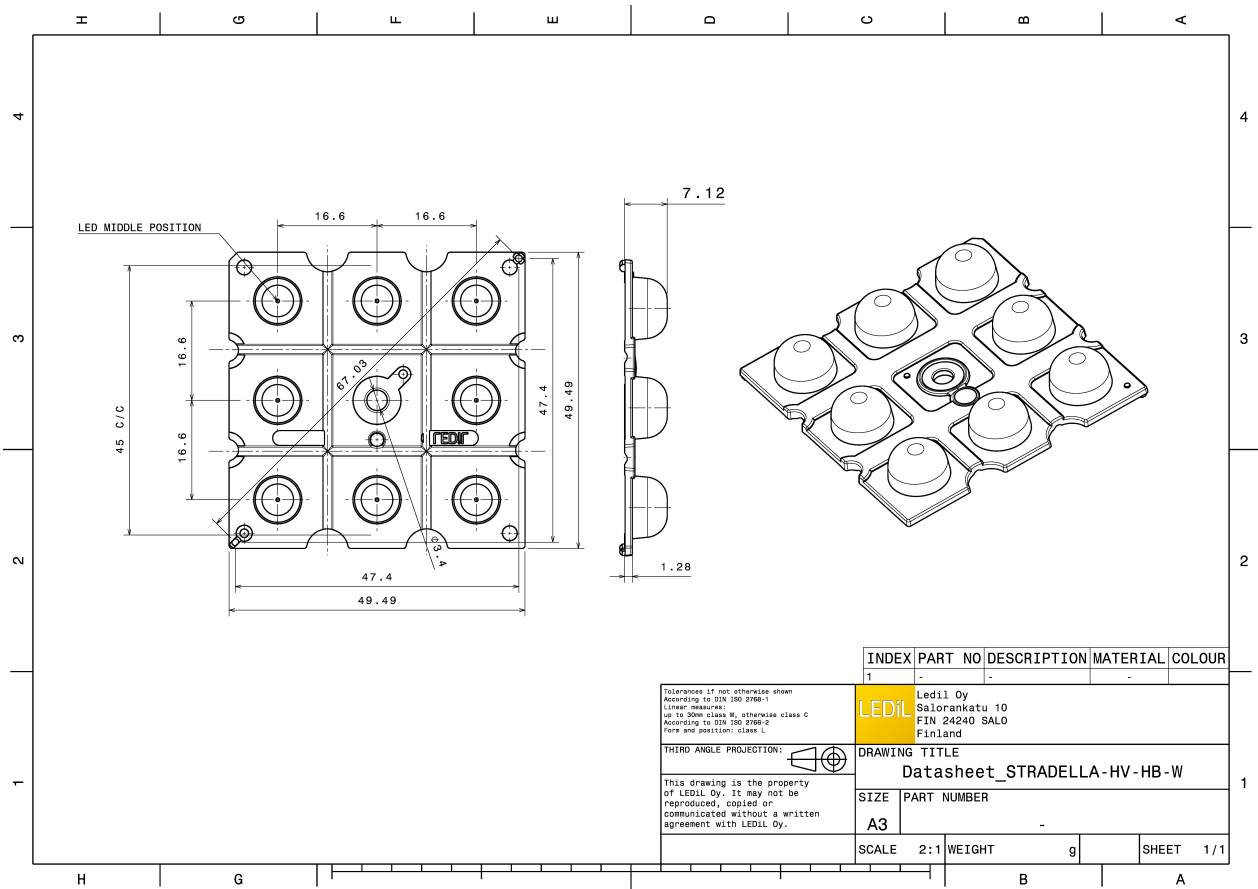


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADELLA-8-HV-HB-W	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15985_STRADELLA-8-HV-HB-W » Box size: 480 x 280 x 300 mm	800	160	160	6.0

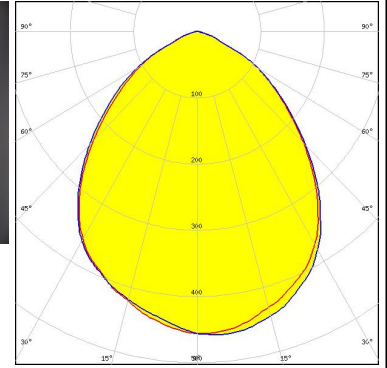


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

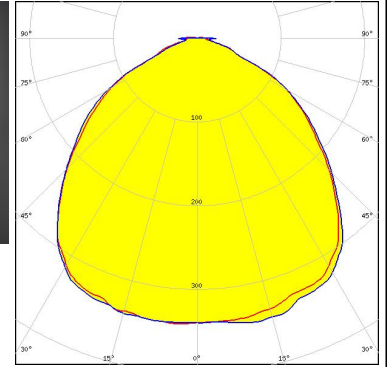
CREE LED

LED J Series 3030
 FWHM / FWTM 92.0° / 133.0°
 Efficiency 97 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



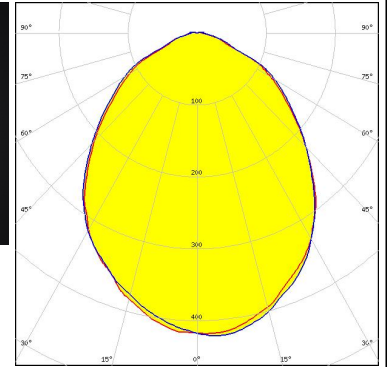
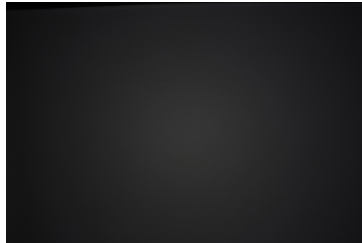
CREE LED

LED XD16
 FWHM / FWTM 104.0° / 146.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



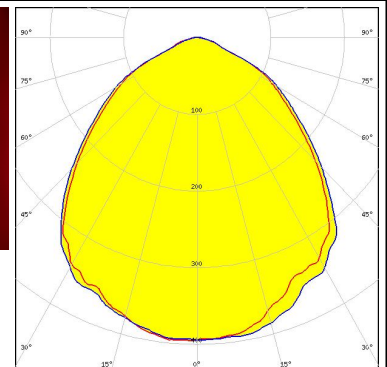
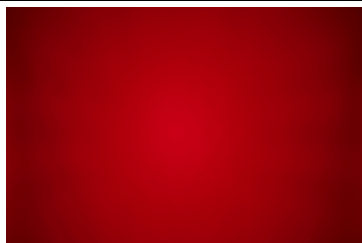
CREE LED

LED XT-E
 FWHM / FWTM 92.0° / 141.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMINUS

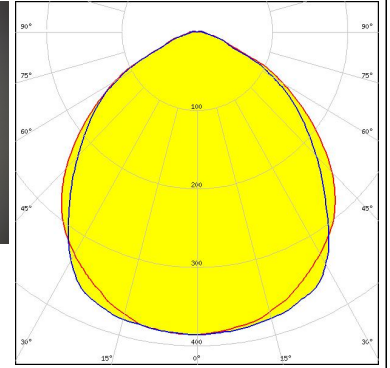
LED SST-10-B130
 FWHM / FWTM 99.0° / 137.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



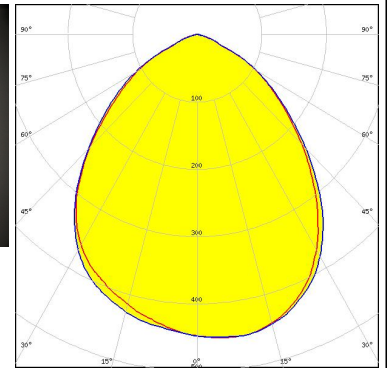
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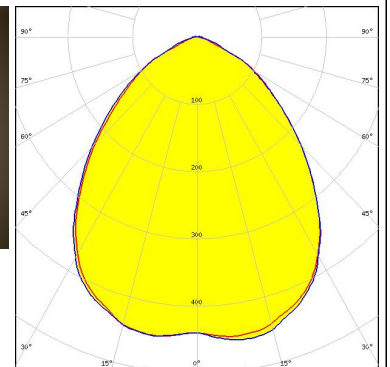
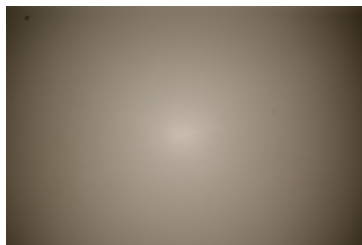
LED NF2W585AR
 FWHM / FWTM 102.0° / 142.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



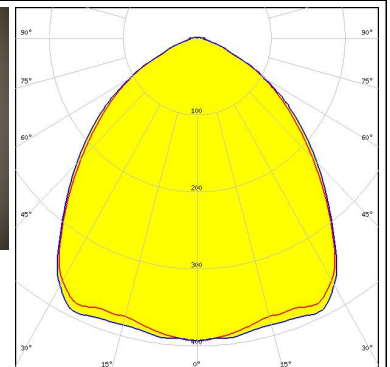
LED OSCONIQ S 3030
 FWHM / FWTM 92.0° / 132.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




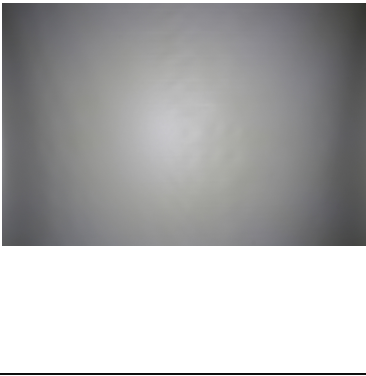
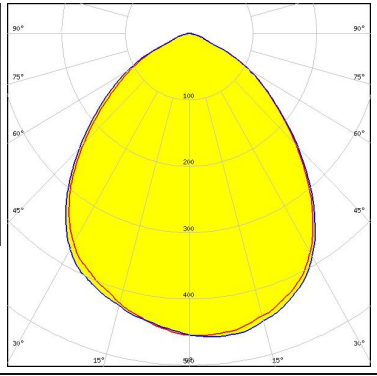


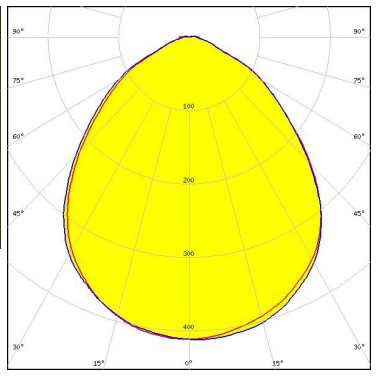


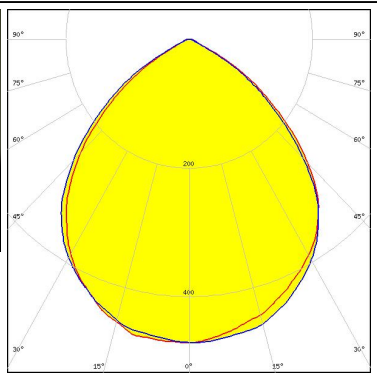

LED Fortimo FastFlex LED 4x8up PR G5
 FWHM / FWTM 90.0° / 131.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH151B
 FWHM / FWTM 96.0° / 139.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



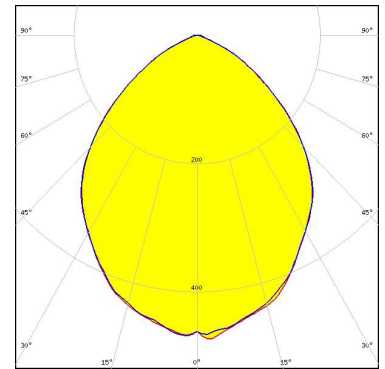
PHOTOMETRIC DATA (MEASURED):

<p> SEOL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030C</p> <p>FWHM / FWTM 92.0° / 132.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 96.0° / 139.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED Z5M4</p> <p>FWHM / FWTM 94.0° / 126.0°</p> <p>Efficiency 98 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOL SEMICONDUCTOR</p> <p>LED Z8Y19</p> <p>FWHM / FWTM 100.0° / 142.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

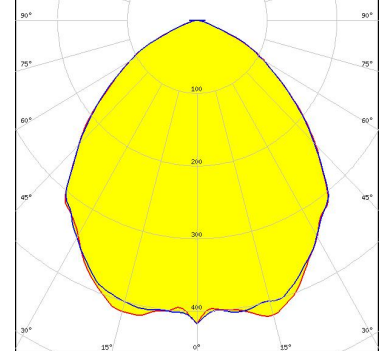
CREE LED

LED XP-G2 HE
 FWHM / FWTM 92.0° / 132.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-G3
 FWHM / FWTM 96.0° / 138.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-G3
 FWHM / FWTM 94.0° / 141.0°
 Efficiency 91 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 87.0° / 130.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

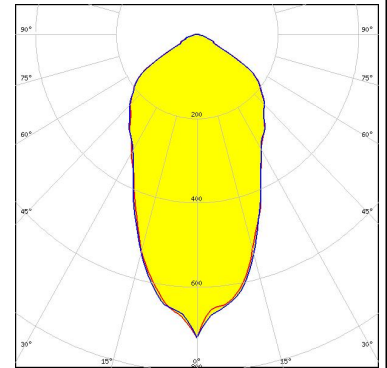
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON 3535L HE
FWHM / FWTM 80.0° / 131.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON CZ
FWHM / FWTM 52.0° / 122.0°
Efficiency 96 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON HR30
FWHM / FWTM 82.0° / 130.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

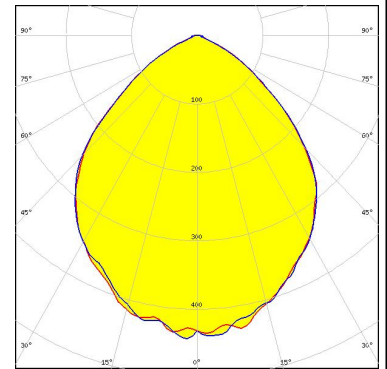
LUMILEDS

LED LUXEON TX
FWHM / FWTM 84.0° / 139.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):



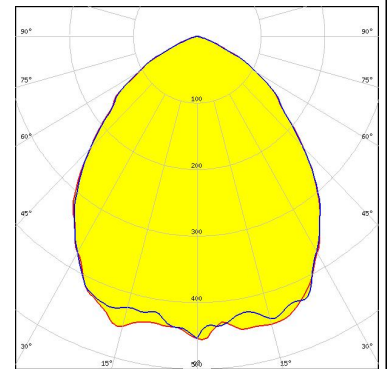
LED NVSW519A
FWHM / FWTM 93.0° / 130.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



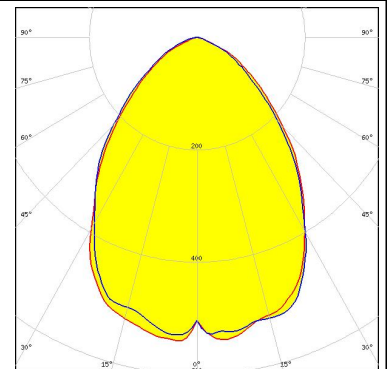
LED NVSxx19B/NVSxx19C
FWHM / FWTM 95.0° / 134.0°
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ C 2424
FWHM / FWTM 92.0° / 134.0°
Efficiency 97 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3030
FWHM / FWTM 82.0° / 132.0°
Efficiency 97 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

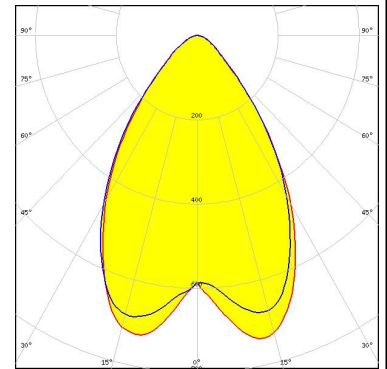


PHOTOMETRIC DATA (SIMULATED):

OSRAM

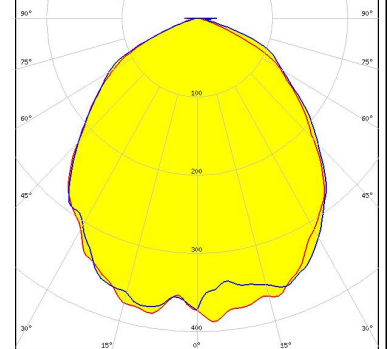
Opto Semiconductors

LED SFH 4715AS
 FWHM / FWTM 71.0° / 109.0°
 Efficiency 96 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



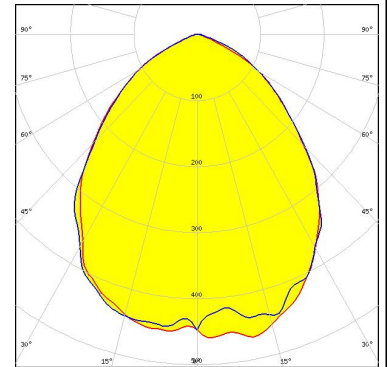
SAMSUNG

LED LH181A
 FWHM / FWTM 97.0° / 143.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



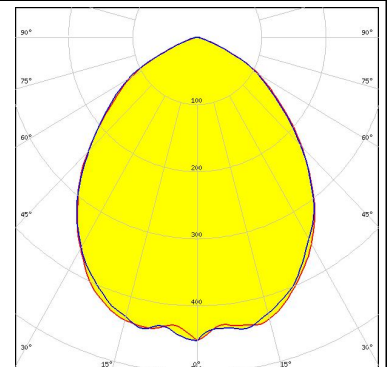
SAMSUNG

LED LH181B
 FWHM / FWTM 89.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22T
 FWHM / FWTM 90.0° / 137.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:

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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

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