DAISY-2X2-WW

~80° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	79.5 x 79.5 mm
Height	21 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
C16862_DAISY-2X2-WW	Multi-lens	PMMA	clear	
C16866_DAISY-2X2-SHD	Shade	PC	black	gloss
C16875_DAISY-2X2-SHD-WHT	Shade	PC	white	gloss
C17483_DAISY-2X2-SHD-MATT	Shade	PC	black	matt
C17484_DAISY-2X2-SHD-WHT-MATT	Shade	PC	white	matt
C17530_DAISY-2X2-SHD-MET	Shade	PC	metal	gloss
C17536_DAISY-2X2-SHD-MET-MATT	Shade	PC	metal	matt

ORDERING INFORMATION:

Quantities for one set:

Multi-lens	1
Shade	1

| Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16862_DAISY-2X2-WW » Box size: 400 x 300 x 300 mm	Multi-lens	440	440	20	5.0
C17484_DAISY-2X2-SHD-WHT-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.8
C16866_DAISY-2X2-SHD » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.8
C17530_DAISY-2X2-SHD-MET » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.7
C16875_DAISY-2X2-SHD-WHT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.8
C17536_DAISY-2X2-SHD-MET-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.6
C17483_DAISY-2X2-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	4.6

CN16868__DAISY-2x2-WW_Datasheet

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C16866__DAISY-2x2-SHD_MechanicalModel		PC	Black
2	C16862__Daisy-2x2-WW_MechanicalModel		PMMA	Clear

MECHANICAL DRAWING

PRODUCT		LEDiL®
DAISY		

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

SCALE	1:1	WEIGHT	29,7 g	A3	SHEET 1/1

Notes

🔴 PCB or heatsink level.
🟢 LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

See also our general installation guide: www.ledil.com/installation_guide
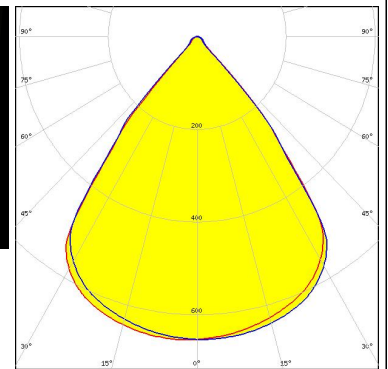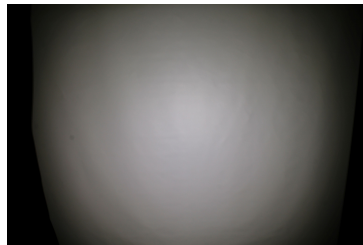
PHOTOMETRIC DATA (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	75.0° / 87.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17536_DAISY-2X2-SHD-MET-MATT	

AUDAX ELECTRONICS
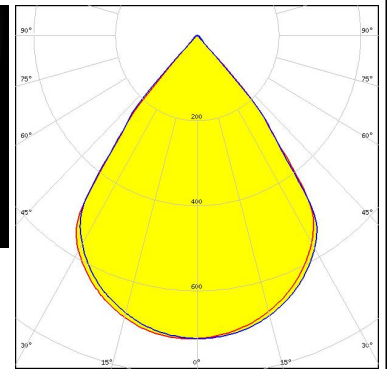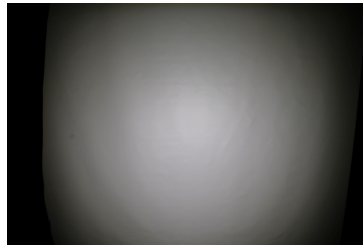
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	74.0° / 87.0°
Efficiency	96 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17530_DAISY-2X2-SHD-MET	

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	76.0° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17484_DAISY-2X2-SHD-WHT-MATT	

AUDAX ELECTRONICS
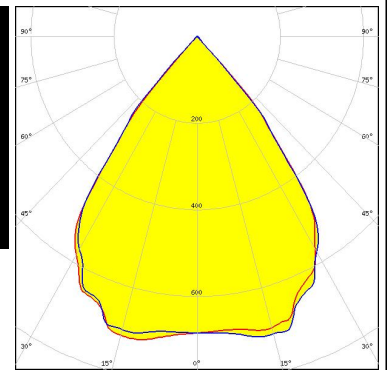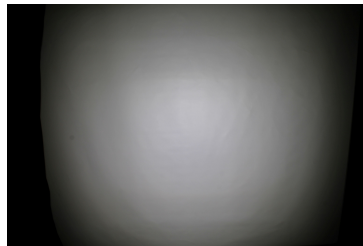
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	76.0° / 87.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17483_DAISY-2X2-SHD-MATT	

PHOTOMETRIC DATA (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	76.0° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16875_DAISY-2X2-SHD-WHT	

AUDAX ELECTRONICS
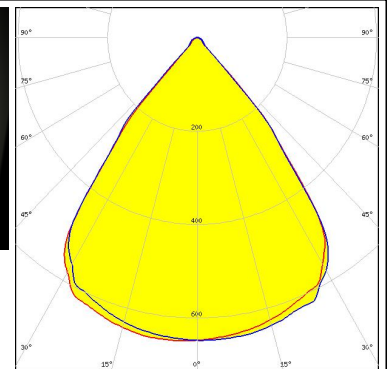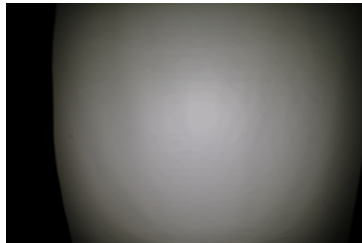
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	76.0° / 87.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	

amal
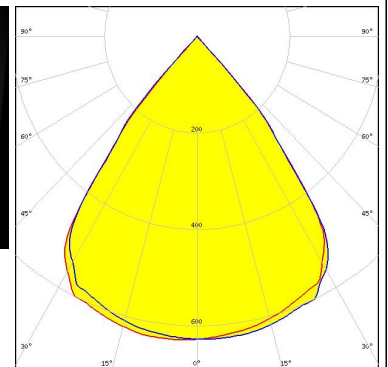
LED	Opticus Daisy M 2x2 4P
FWHM / FWTM	77.0° / 88.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17483_DAISY-2X2-SHD-MATT	
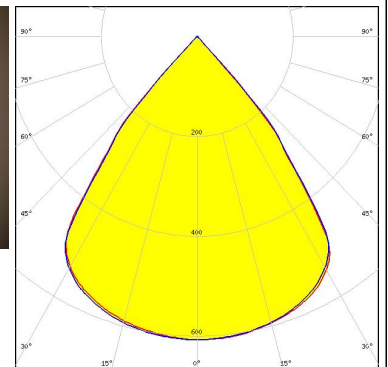
MST | Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	75.0° / 87.0°
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17536_DAISY-2X2-SHD-MET-MATT	
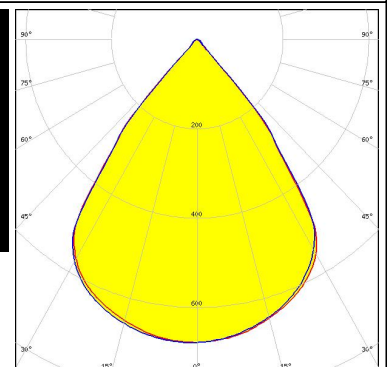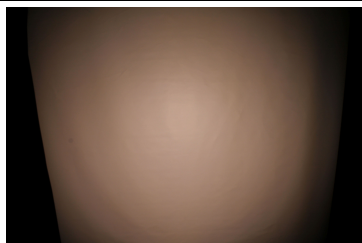
PHOTOMETRIC DATA (MEASURED):

MST *Your solutions*

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	74.0° / 86.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17530_DAISY-2X2-SHD-MET	
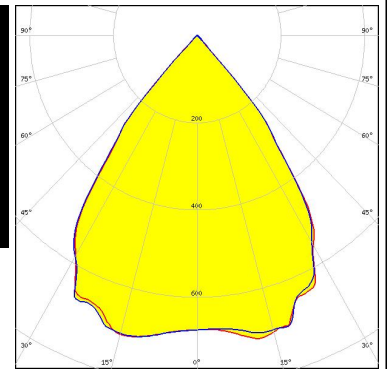
MST *Your solutions*

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	75.0° / 87.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17484_DAISY-2X2-SHD-WHT-MATT	
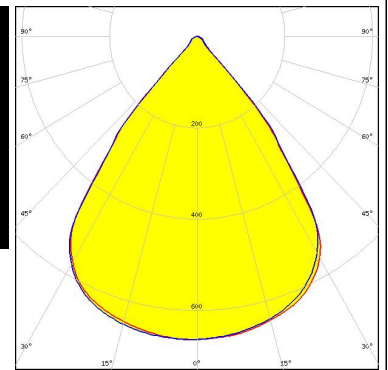
MST *Your solutions*

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	75.0° / 86.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17483_DAISY-2X2-SHD-MATT	
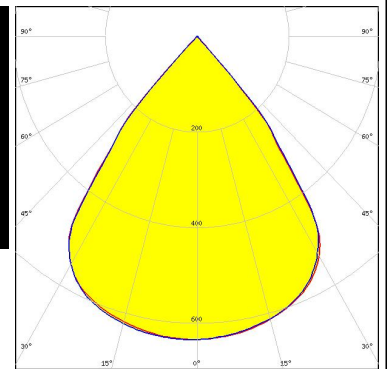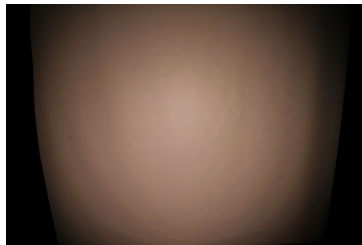
MST *Your solutions*

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	76.0° / 87.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
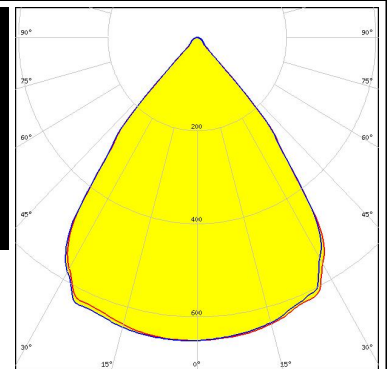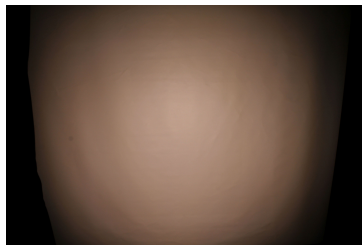
PHOTOMETRIC DATA (MEASURED):

MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	75.0° / 86.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16866_DAISY-2X2-SHD	
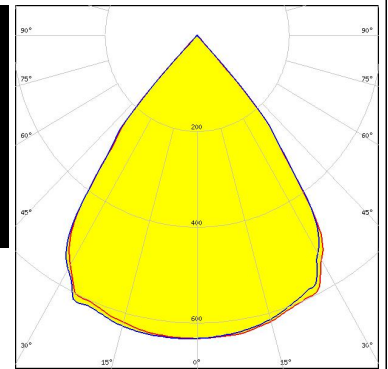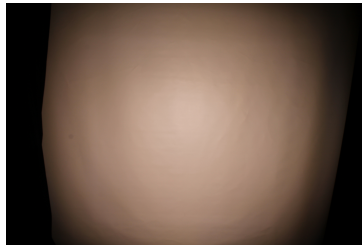
MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	75.0° / 87.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	
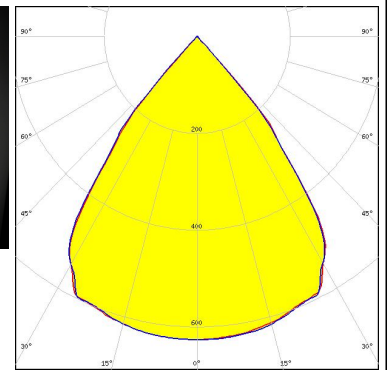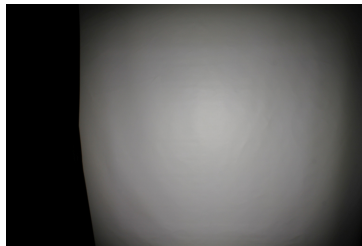
MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	75.0° / 87.0 + 87.5°
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17536_DAISY-2X2-SHD-MET-MATT	
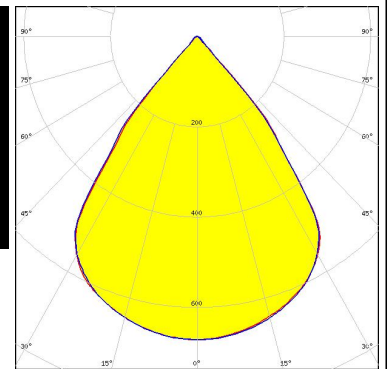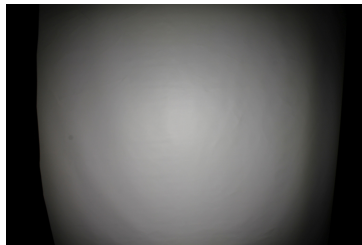
MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	74.0° / 87.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
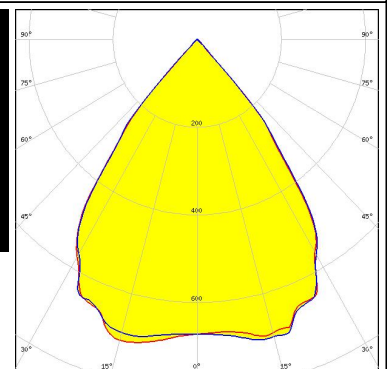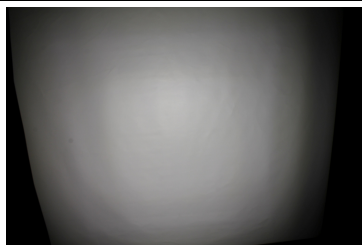
PHOTOMETRIC DATA (MEASURED):

MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	76.0° / 87.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17484_DAISY-2X2-SHD-WHT-MATT	
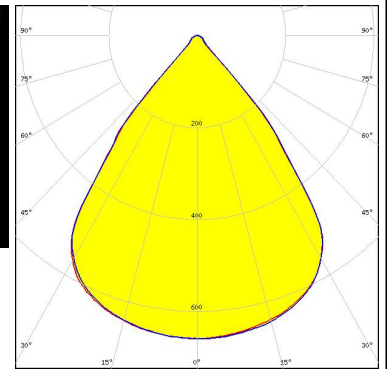
MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	76.0° / 87.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17483_DAISY-2X2-SHD-MATT	
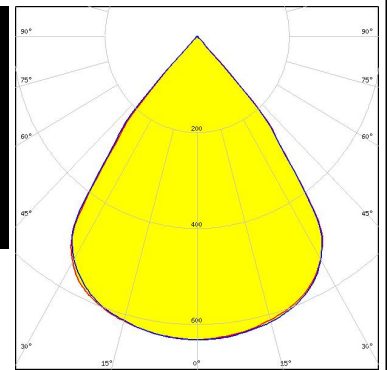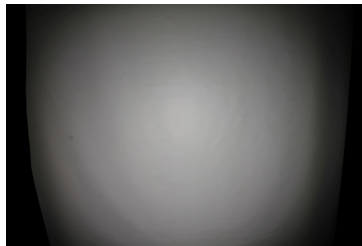
MST | *Your solutions*

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	76.0° / 88.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16875_DAISY-2X2-SHD-WHT	
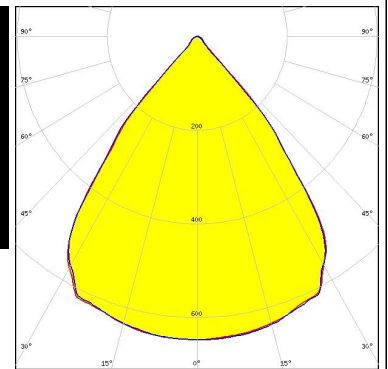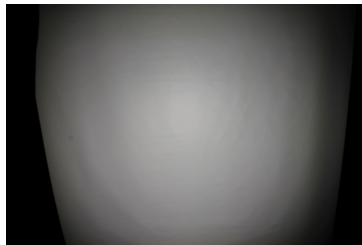
NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	79.0° / 85.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required components:	
C16866_DAISY-2X2-SHD	

LEDiL®

PHOTOMETRIC DATA (MEASURED):

NICHIA
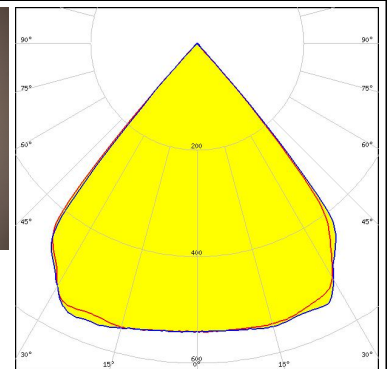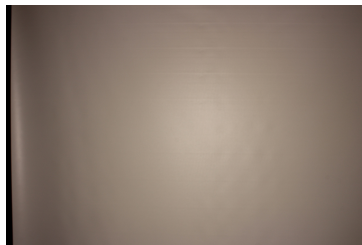
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	80.0° / 86.0°
Efficiency	97 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required components:	
C16875_DAISY-2X2-SHD-WHT	
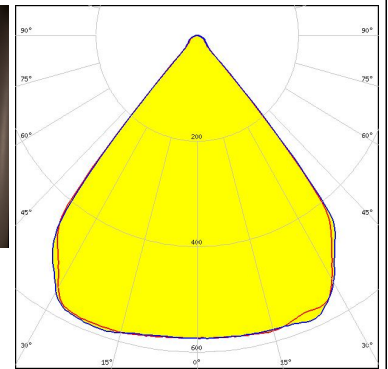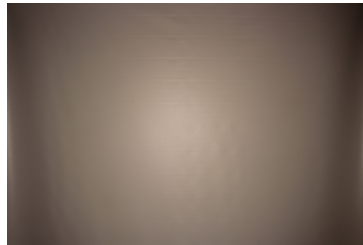
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	77.0° / 85.0°
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	
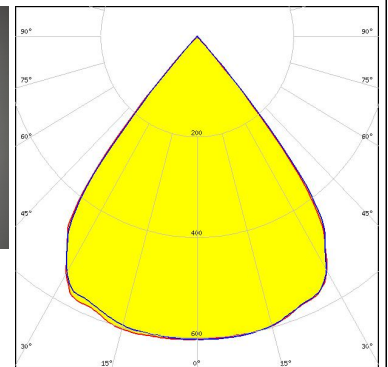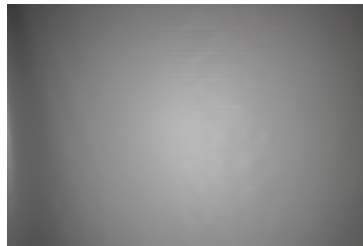
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	77.0° / 85.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17483_DAISY-2X2-SHD-MATT	
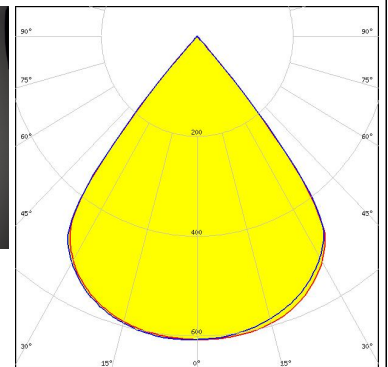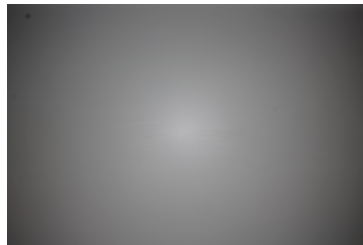
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	77.0° / 85.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16875_DAISY-2X2-SHD-WHT	
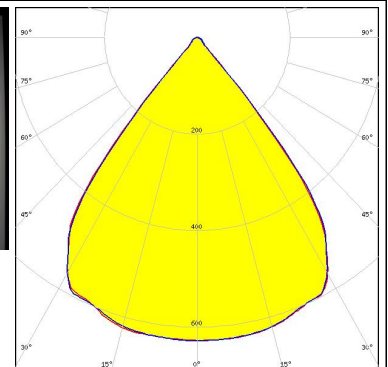
PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	J Series 2835
FWHM / FWTM	78.0° / 85.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17483_DAISY-2X2-SHD-MATT	

CREE LED
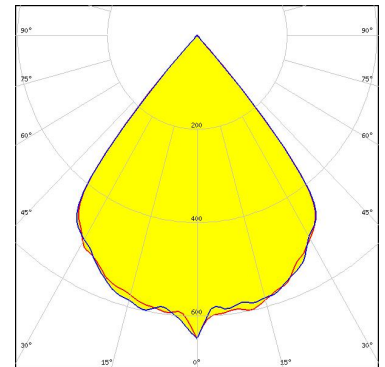
LED	J Series 5050 Round LES
FWHM / FWTM	78.0° / 86.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17483_DAISY-2X2-SHD-MATT	

CREE LED
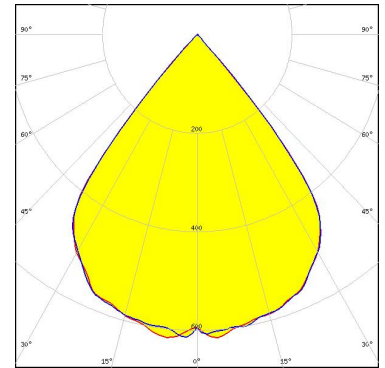
LED	XD16
FWHM / FWTM	77.0 + °
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	

CREE LED
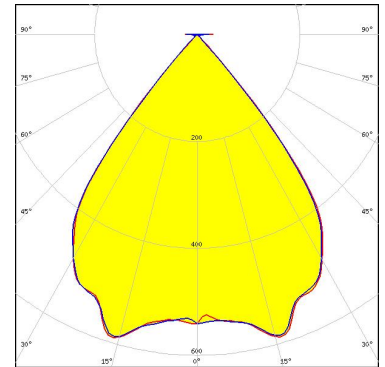
LED	XD16
FWHM / FWTM	78.0° / 86.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	
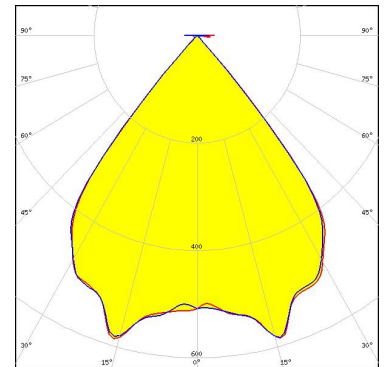
PHOTOMETRIC DATA (SIMULATED):

CREE⇋LED

LED	XQ-E HD
FWHM / FWTM	76.0° / 84.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	

NICHIA
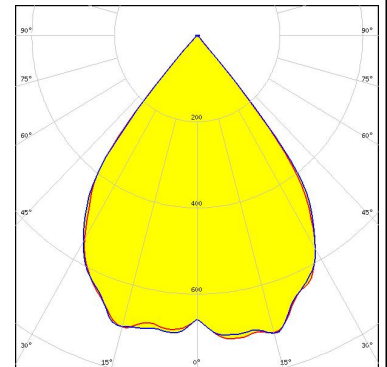
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	76.0 + 78.0° / 86.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour	Tunable White
Required components:	
C16866_DAISY-2X2-SHD	

NICHIA
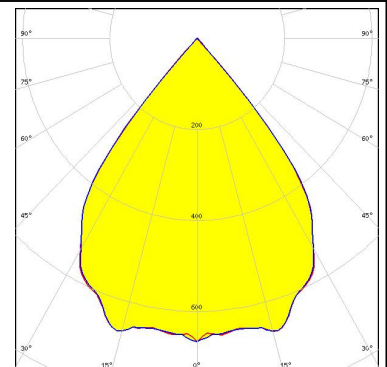
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16866_DAISY-2X2-SHD	

OSRAM
Opto Semiconductors
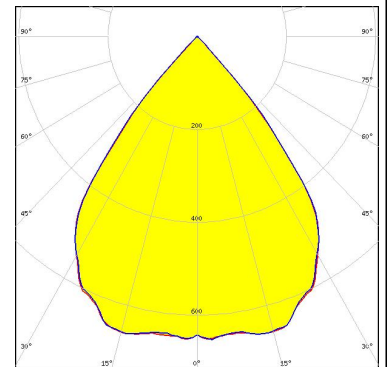
LED	Duris E 2835
FWHM / FWTM	74.0° / 86.0°
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16866_DAISY-2X2-SHD	
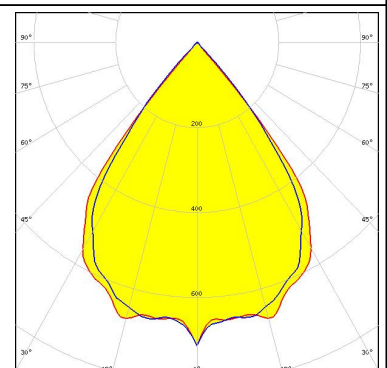
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	74.0° / 86.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16875_DAISY-2X2-SHD-WHT	
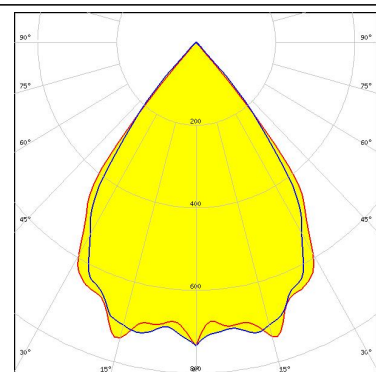
GENERAL INFORMATION:

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
www.ledil.com/
where_to_buy