

DAISY-2X2-WW

~80° wide beam

SPECIFICATION:

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

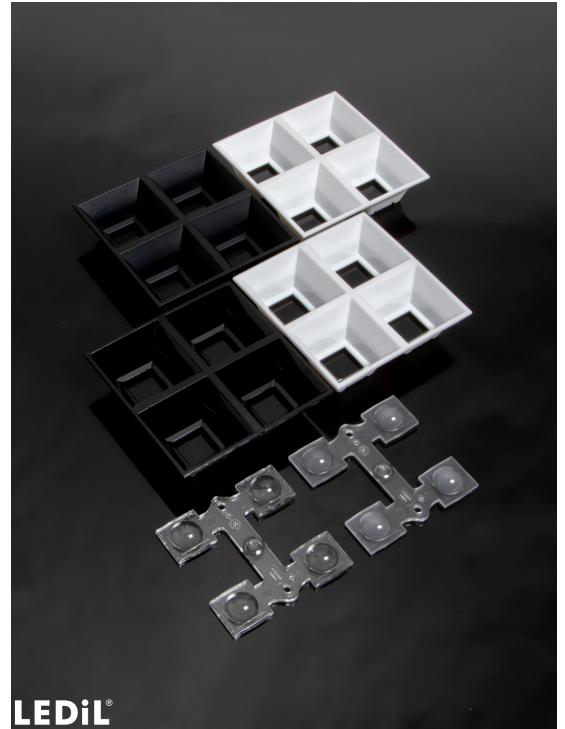
MATERIALS:

Component	Type	Material	Colour	Finish	Length
C16862_DAISSY-2X2-WW	Multi-lens	PMMA	clear		
C17484_DAISSY-2X2-SHD-WHT-MATT	Shade	PC	white	matt	
C17483_DAISSY-2X2-SHD-MATT	Shade	PC	black	matt	79.4
C16875_DAISSY-2X2-SHD-WHT	Shade	PC	white	gloss	79.4
C16866_DAISSY-2X2-SHD	Shade	PC	black	gloss	79.4

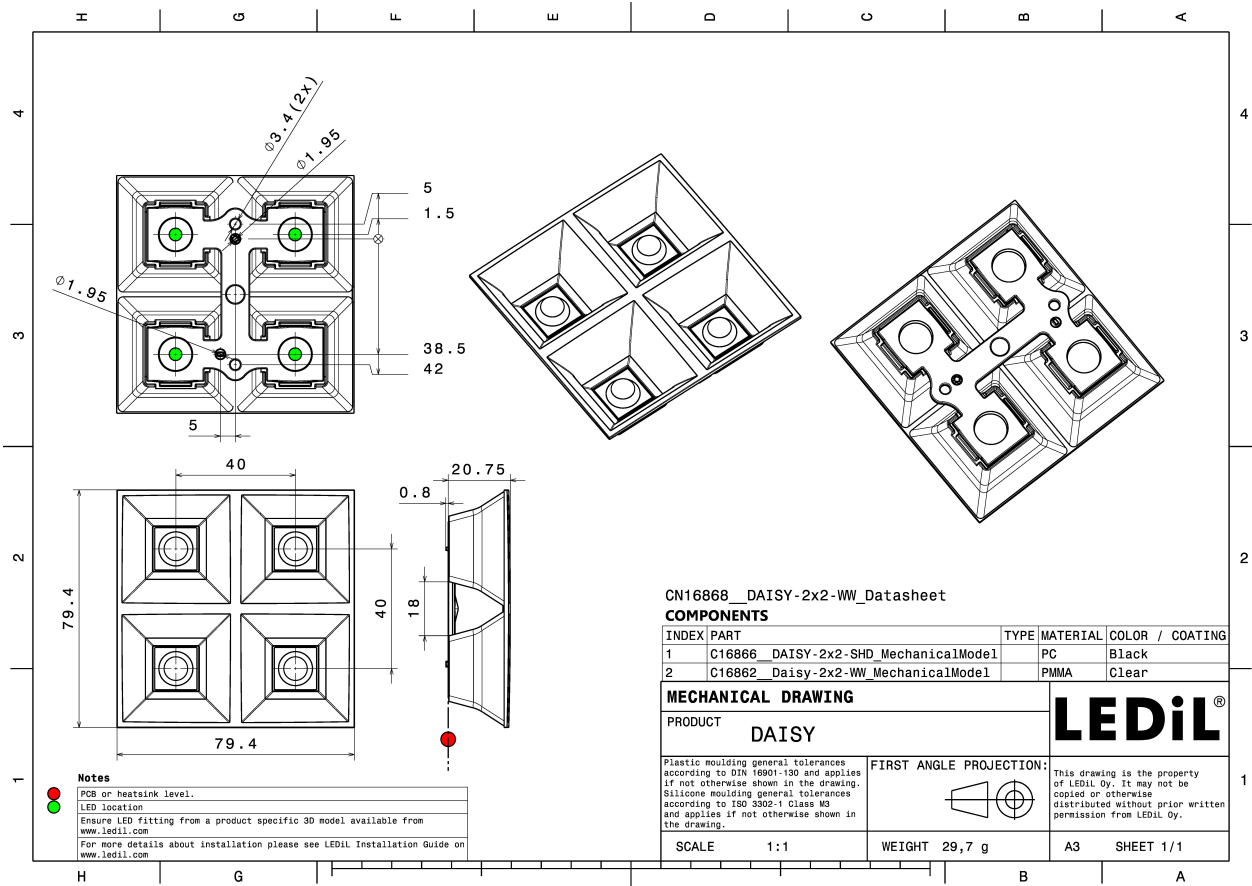
ORDERING INFORMATION:

Quantities for one set:

Multi-lens	1
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16862_DAISSY-2X2-WW » Box size: 400 x 300 x 300 mm	Multi-lens	440	440	20	5.0
C16866_DAISSY-2X2-SHD » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C16875_DAISSY-2X2-SHD-WHT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C17483_DAISSY-2X2-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.2
C17484_DAISSY-2X2-SHD-WHT-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.4



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

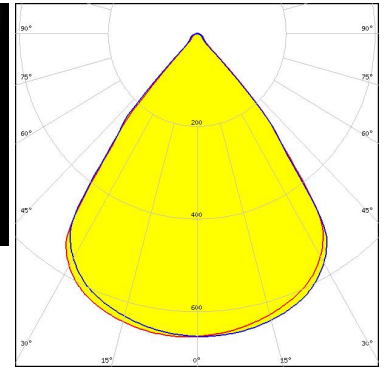
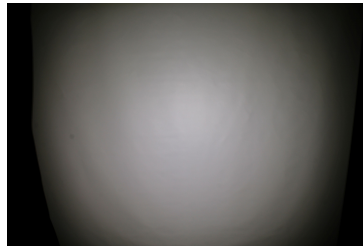
PRODUCT DAISY		LEDiL[®]
<p>Plastic moulding general tolerances according to DIN 16801-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.</p>		
SCALE 1:1	WEIGHT 29,7 g	A3 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):



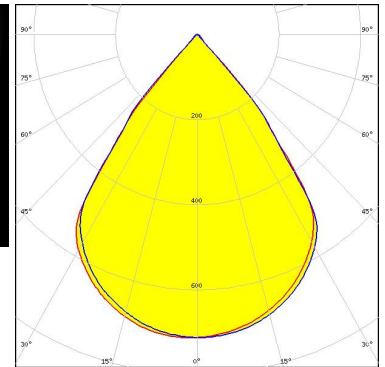
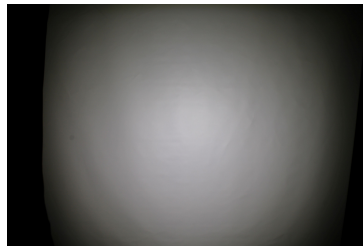
LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM 76.0° / 87.5°
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
 C17484_DAISSY-2X2-SHD-WHT-MATT



Light distribution files



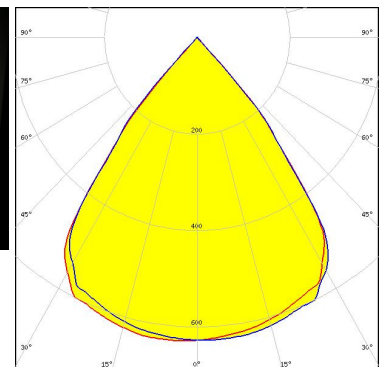
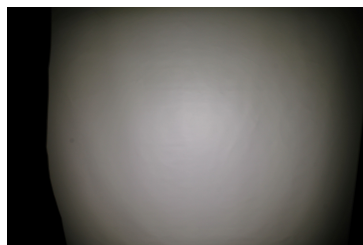
LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM 75.0° / 87.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
 C17536_DAISSY-2X2-SHD-MET-MATT



Light distribution files



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/type White
Required components:
 C16866_DAISSY-2X2-SHD

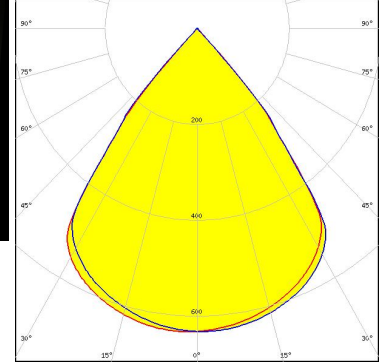
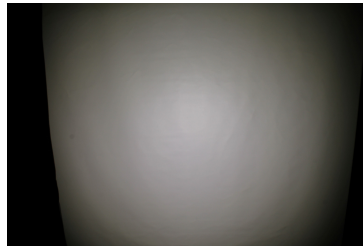


Light distribution files

OPTICAL RESULTS (MEASURED):



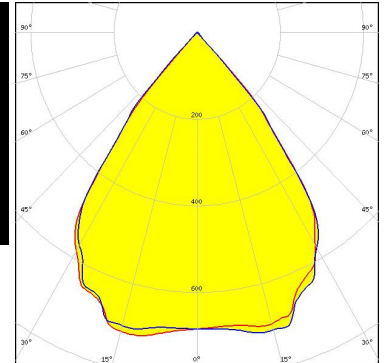
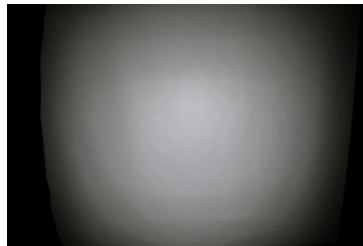
LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM 76.0° / 87.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
 C17483_DAISSY-2X2-SHD-MATT



Light distribution files



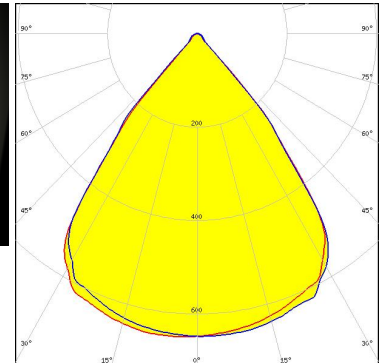
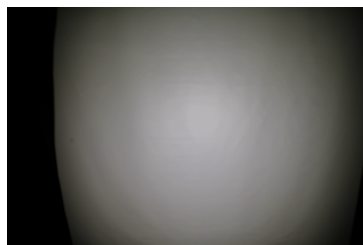
LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM 74.0° / 87.0°
Efficiency 96 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
 C17530_DAISSY-2X2-SHD-MET



Light distribution files



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/type White
Required components:
 C16875_DAISSY-2X2-SHD-WHT

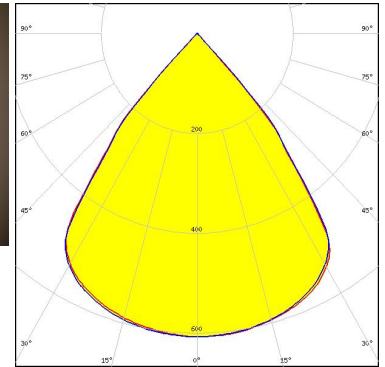


Light distribution files

OPTICAL RESULTS (MEASURED):



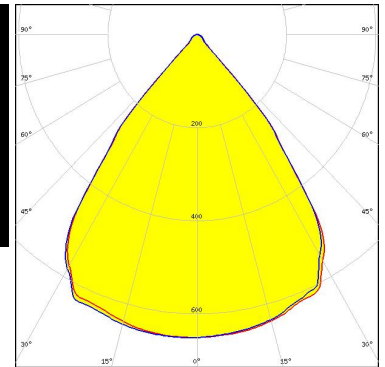
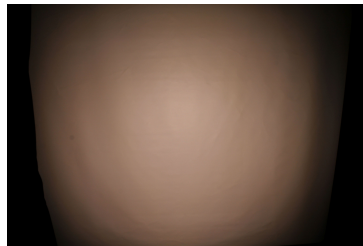
LED Opticus Daisy M 2x2 4P
FWHM / FWTM 77.0° / 88.0°
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
 C17483_DAISSY-2X2-SHD-MATT



Light distribution files



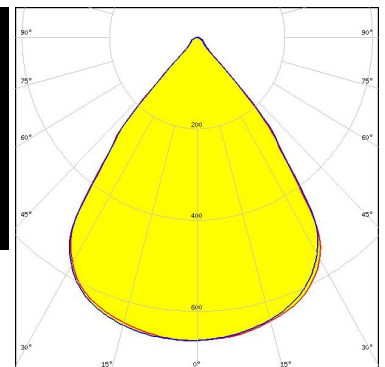
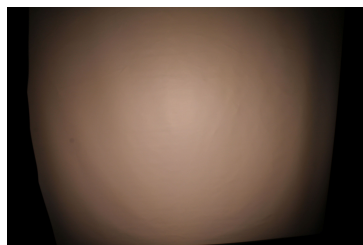
LED RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM 76.0° / 87.0°
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type Tunable White
Required components:



Light distribution files



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/type Tunable White
Required components:
 C17484_DAISSY-2X2-SHD-WHT-MATT

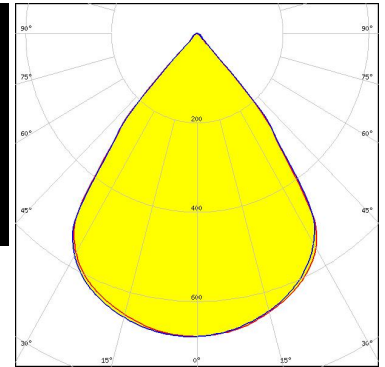


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

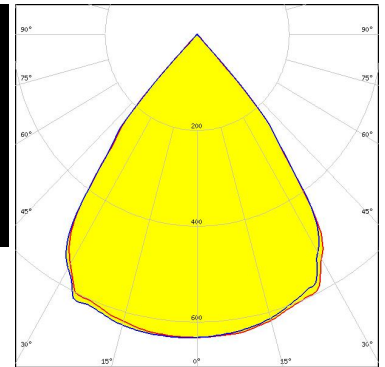
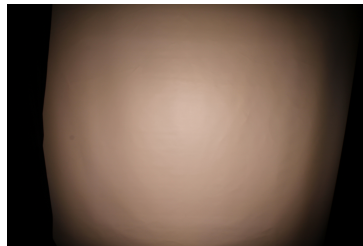
LED RecLED 62x62mm 1600lm 827-865 36V G1
 FWHM / FWTM 75.0° / 87.0°
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C17536_DAISSY-2X2-SHD-MET-MATT



Light distribution files

MST | *Your solutions*

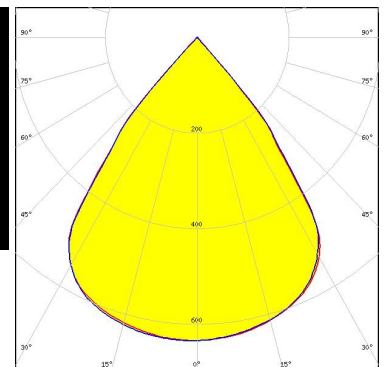
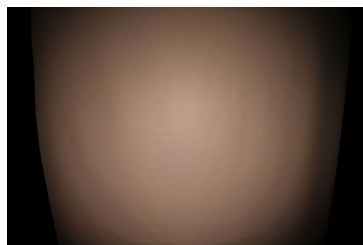
LED RecLED 62x62mm 1600lm 827-865 36V G1
 FWHM / FWTM 75.0° / 86.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C16866_DAISSY-2X2-SHD



Light distribution files

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/type Tunable White
 Required components:
 C17483_DAISSY-2X2-SHD-MATT

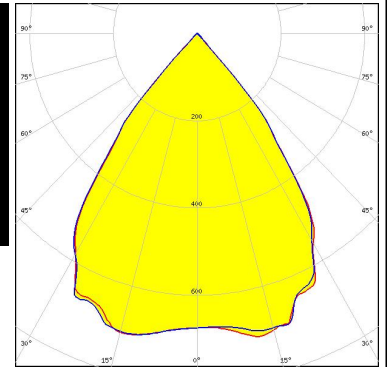


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

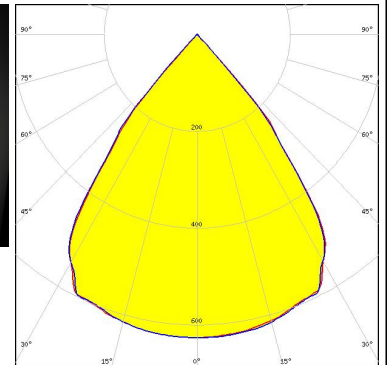
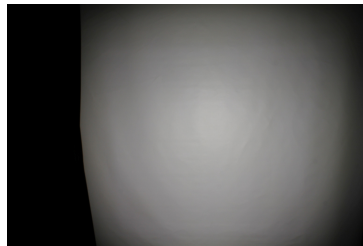
LED RecLED 62x62mm 1600lm 827-865 36V G1
 FWHM / FWTM 74.0° / 86.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C17530_DAISSY-2X2-SHD-MET



Light distribution files

MST | *Your solutions*

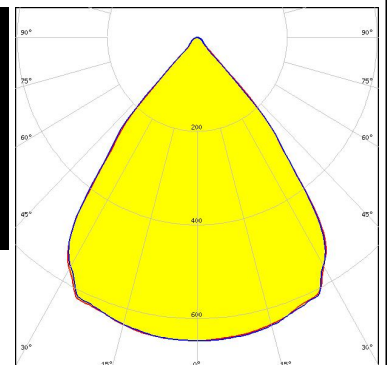
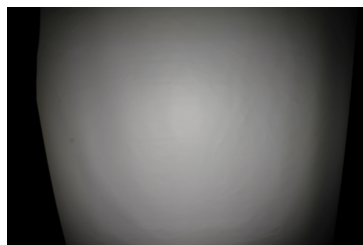
LED RecLED 62x62mm 1600lm 8x0 36V G1
 FWHM / FWTM 75.0° / 87.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C16866_DAISSY-2X2-SHD



Light distribution files

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/type White
 Required components:
 C16875_DAISSY-2X2-SHD-WHT

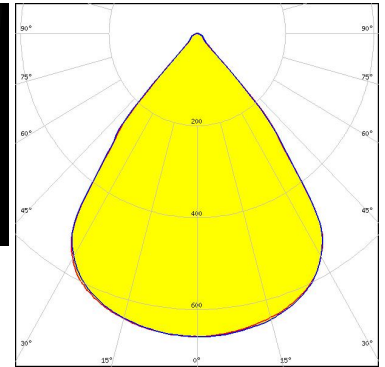


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

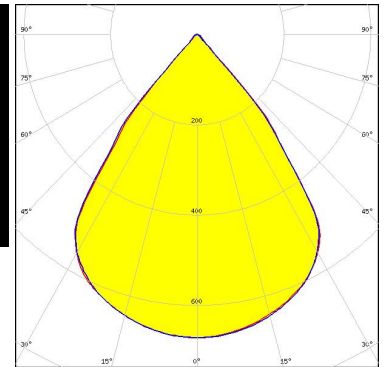
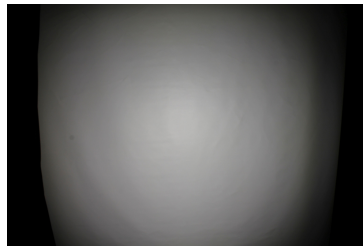
LED RecLED 62x62mm 1600lm 8x0 36V G1
 FWHM / FWTM 76.0° / 87.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17484_DAISSY-2X2-SHD-WHT-MATT



Light distribution files

MST | *Your solutions*

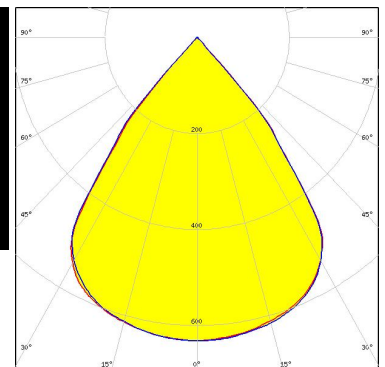
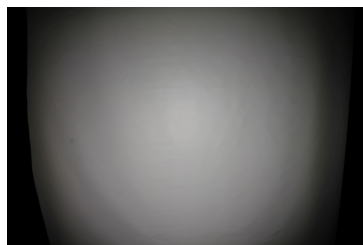
LED RecLED 62x62mm 1600lm 8x0 36V G1
 FWHM / FWTM 75.0° / 87.0°
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17536_DAISSY-2X2-SHD-MET-MATT



Light distribution files

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/type White
 Required components:
 C17483_DAISSY-2X2-SHD-MATT

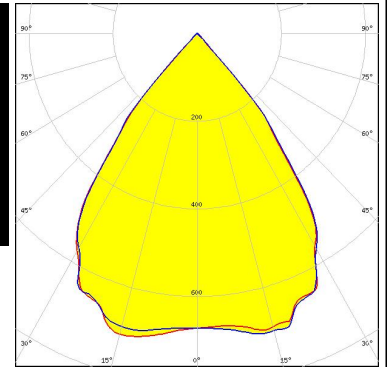


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

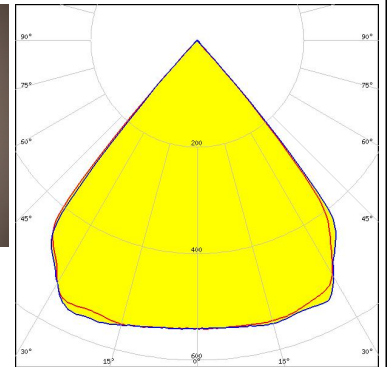
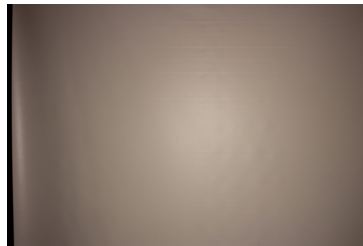
LED RecLED 62x62mm 1600lm 8x0 36V G1
 FWHM / FWTM 74.0° / 87.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files

NICHIA

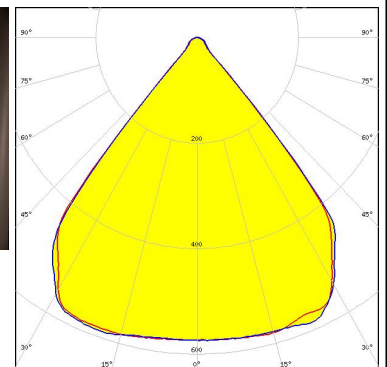
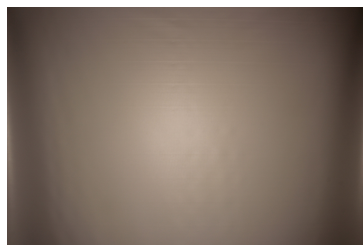
LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 79.0° / 85.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16866_DAISSY-2X2-SHD



Light distribution files

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/type Tunable White
 Required components:
 C16875_DAISSY-2X2-SHD-WHT

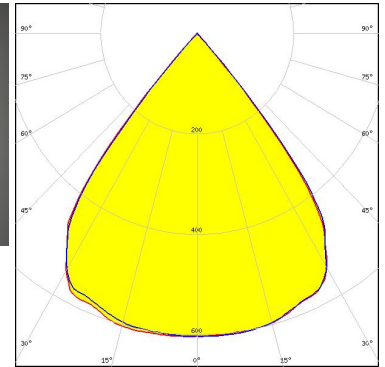


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

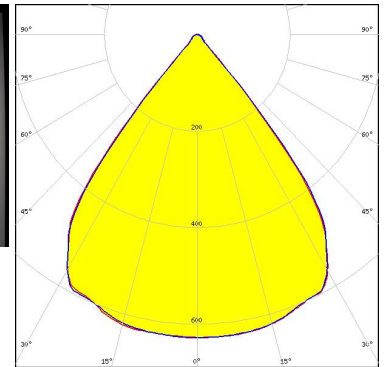
LED LM28xB Series
FWHM / FWTM 77.0° / 85.0°
Efficiency 88 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16866_DAISSY-2X2-SHD



Light distribution files

SAMSUNG

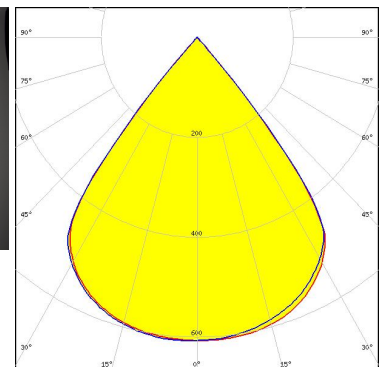
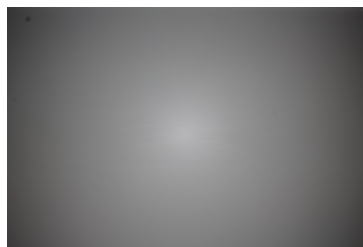
LED LM28xB Series
FWHM / FWTM 77.0° / 85.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16875_DAISSY-2X2-SHD-WHT



Light distribution files

SAMSUNG

LED LM28xB Series
FWHM / FWTM 77.0° / 85.0°
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17483_DAISSY-2X2-SHD-MATT

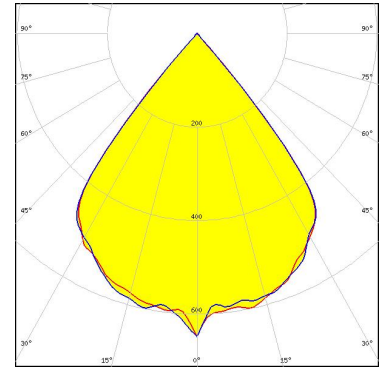


Light distribution files

OPTICAL RESULTS (SIMULATED):



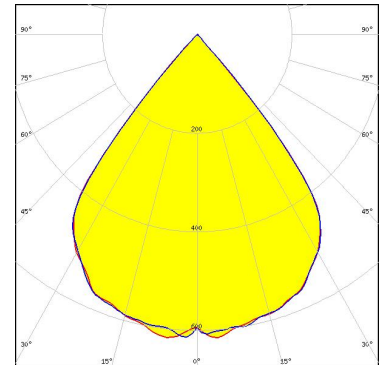
LED J Series 2835
FWHM / FWTM 78.0° / 85.0°
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17483_DAISSY-2X2-SHD-MATT



Light distribution files



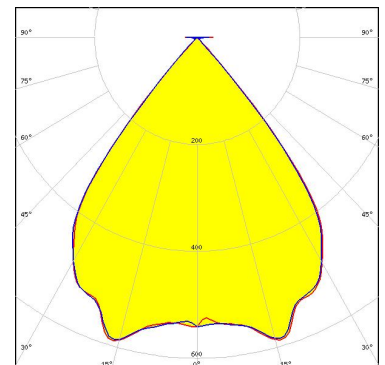
LED J Series 5050 Round LES
FWHM / FWTM 78.0° / 86.0°
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17483_DAISSY-2X2-SHD-MATT



Light distribution files



LED XD16
FWHM / FWTM 77.0 + °
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16866_DAISSY-2X2-SHD



Light distribution files

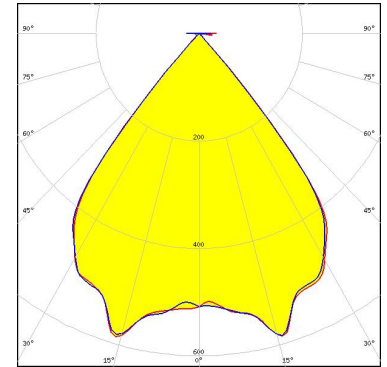
OPTICAL RESULTS (SIMULATED):



LED XD16
FWHM / FWTM 78.0° / 86.0°
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 4
Light colour/type White

Required components:

C16866_DAISSY-2X2-SHD



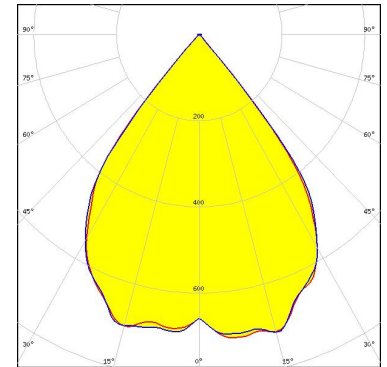
Light distribution files



LED XQ-E HD
FWHM / FWTM 76.0° / 84.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White

Required components:

C16866_DAISSY-2X2-SHD



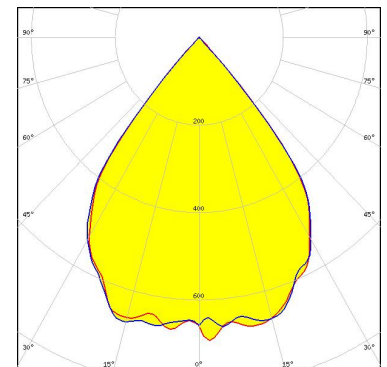
Light distribution files



LED LUXEON 5050 Square LES
FWHM / FWTM 77.0° / 87.0°
Efficiency 89 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C16866_DAISSY-2X2-SHD



Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	76.0° / 86.0°
Efficiency	95 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C16875_DAISSY-2X2-SHD-WHT

[Light distribution files](#)

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	77.0° / 88.0°
Efficiency	82 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C16866_DAISSY-2X2-SHD

Protective plate, glass

[Light distribution files](#)

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	76.0° / 88.0°
Efficiency	87 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C16875_DAISSY-2X2-SHD-WHT

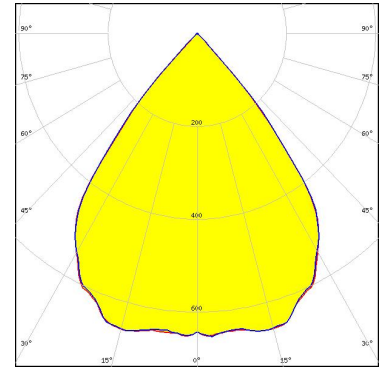
Protective plate, glass

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):



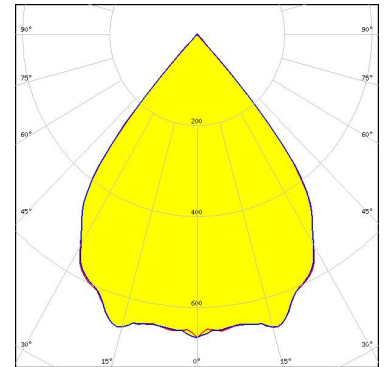
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 76.0° / 88.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type Tunable White
Required components:
 C16866_DAISSY-2X2-SHD



Light distribution files



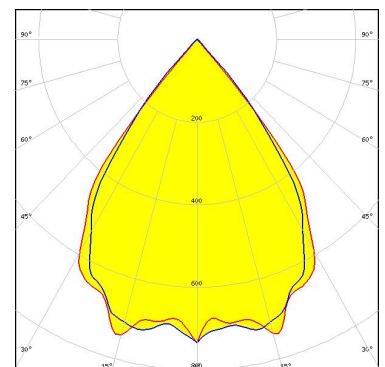
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 76.0 + 78.0° / 86.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 2
Light colour/type Tunable White
Required components:
 C16866_DAISSY-2X2-SHD



Light distribution files



LED Duris E 2835
FWHM / FWTM 74.0° / 86.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
 C16875_DAISSY-2X2-SHD-WHT



Light distribution files

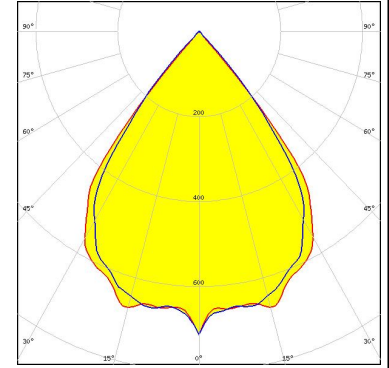
OPTICAL RESULTS (SIMULATED):

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/type	White

Required components:

C16866_DAISSY-2X2-SHD



Light distribution files

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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