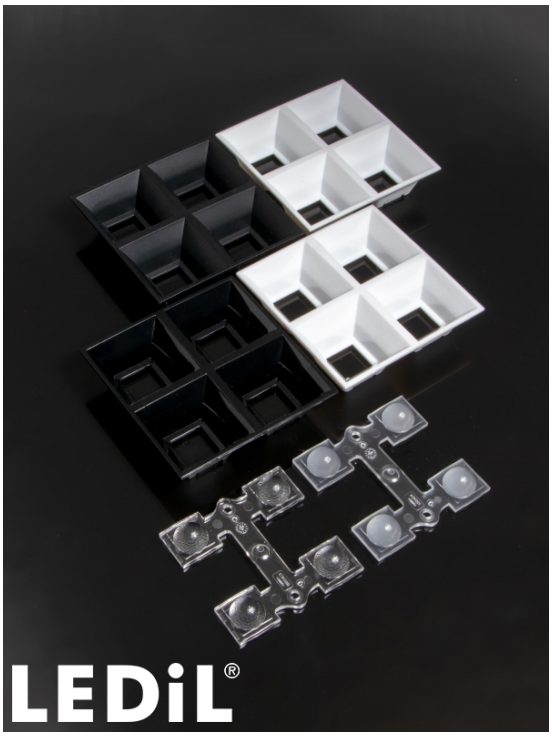
DAISY-2X2-W

~50° wide beam



SPECIFICATION:

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

MATERIALS:

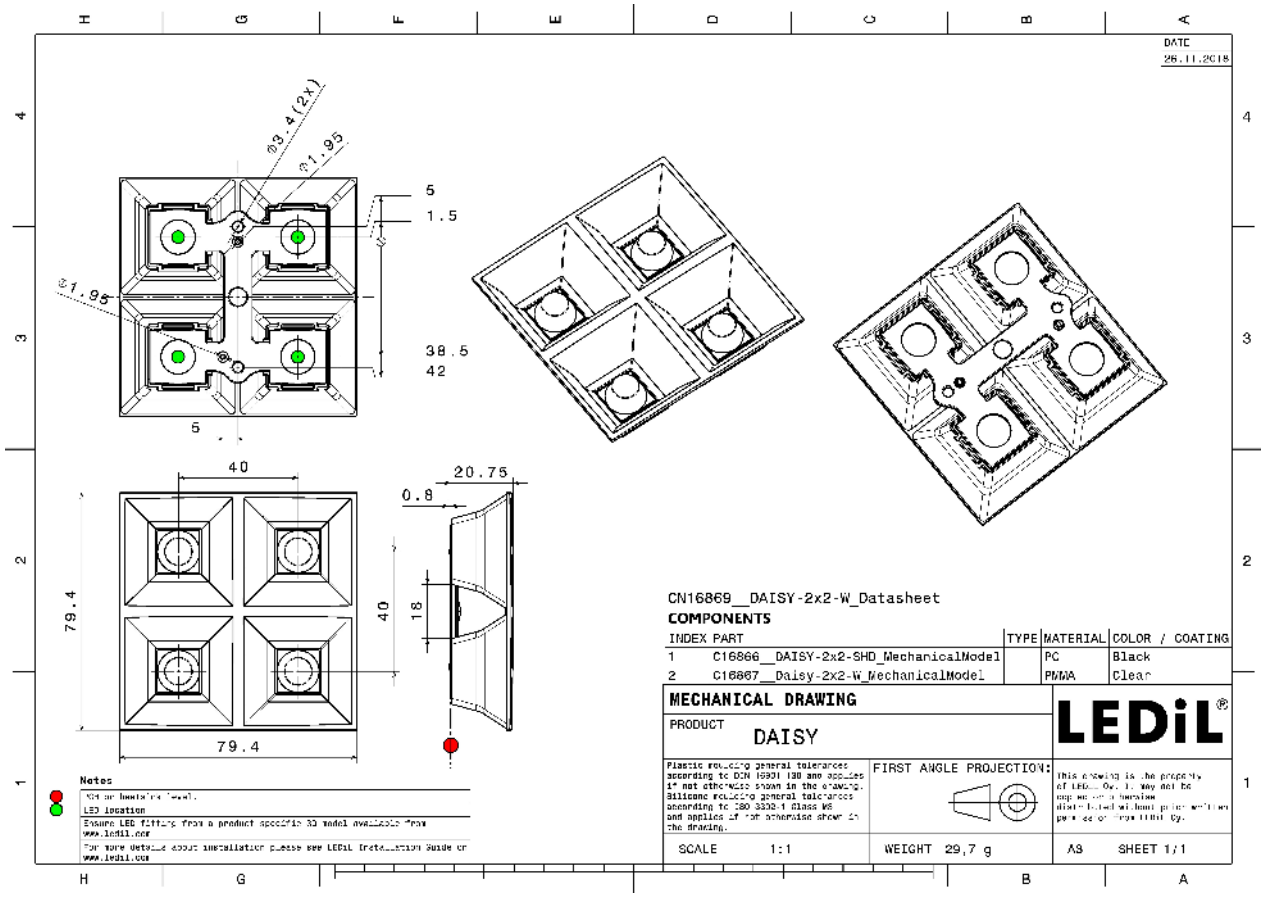
Component	Type	Material	Colour	Finish
C16867_DAISY-2X2-W	Multi-lens	PMMA	clear	
C17484_DAISY-2X2-SHD-WHT-MATT	Shade	PC	white	matt
C17483_DAISY-2X2-SHD-MATT	Shade	PC	black	matt
C16875_DAISY-2X2-SHD-WHT	Shade	PC	white	gloss
C16866_DAISY-2X2-SHD	Shade	PC	black	gloss

ORDERING INFORMATION:

Quantities for one set:

Multi-lens	1
Shade	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16867_DAISY-2X2-W » Box size: 400 x 300 x 300 mm	Multi-lens	440	440	20	5.7
C16875_DAISY-2X2-SHD-WHT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C17483_DAISY-2X2-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.2
C16866_DAISY-2X2-SHD » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C17484_DAISY-2X2-SHD-WHT-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.4



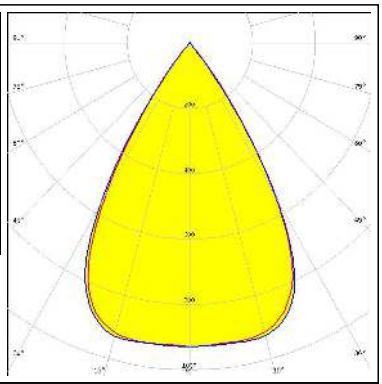
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	63.0° / 77.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

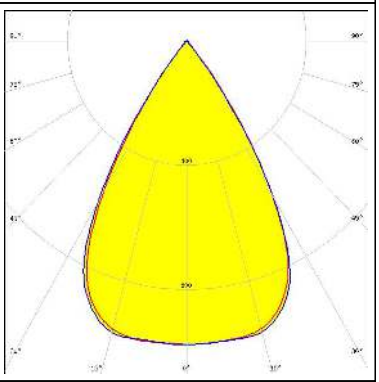
Required components:
C16866_DAISY-2X2-SHD



AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	63.0° / 78.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour	White

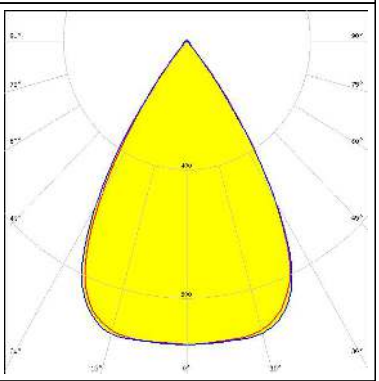
Required components:
C17530_DAISY-2X2-SHD-MET



AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	64.0° / 78.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

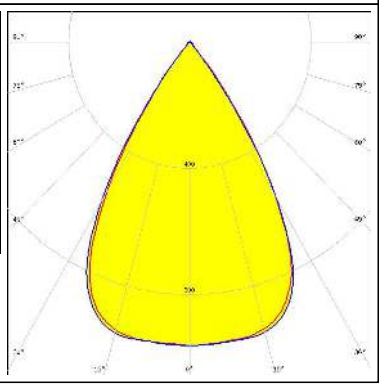
Required components:
C16875_DAISY-2X2-SHD-WHT



AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	63.0° / 78.0°
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour	White

Required components:
C17536_DAISY-2X2-SHD-MET-MATT

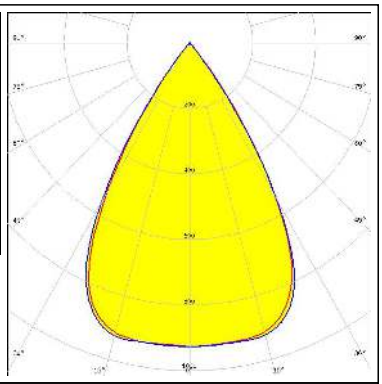


OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	63.0° / 77.5°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

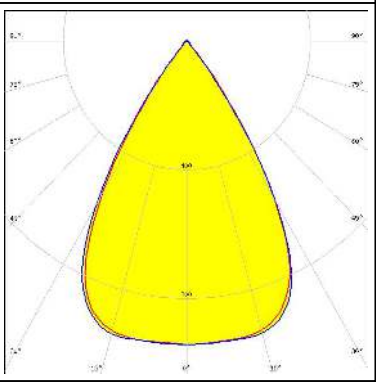
Required components:
C17483_DAISY-2X2-SHD-MATT



AUDAX ELECTRONICS

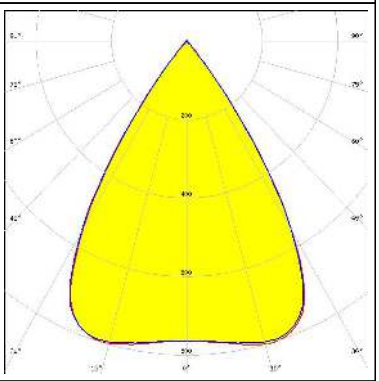
LED	LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm
FWHM / FWTM	64.0° / 78.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

Required components:
C17484_DAISY-2X2-SHD-WHT-MATT



LED	Opticus Daisy M 2x2 4P
FWHM / FWTM	66.0° / 79.0°
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour	White

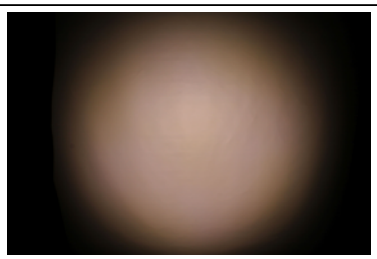
Required components:
C17483_DAISY-2X2-SHD-MATT

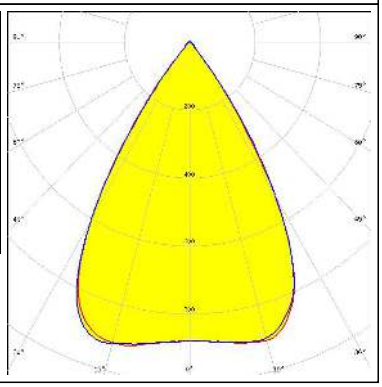


MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	64.0° / 78.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	Tunable White

Required components:
C16875_DAISY-2X2-SHD-WHT



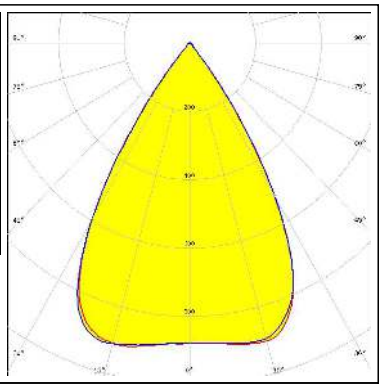


OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	63.0° / 78.0°
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	Tunable White

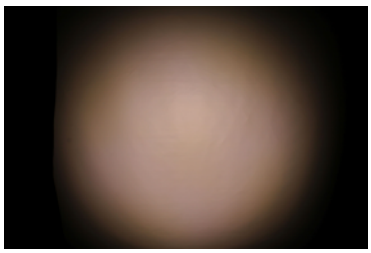
Required components:
C17536_DAISY-2X2-SHD-MET-MATT

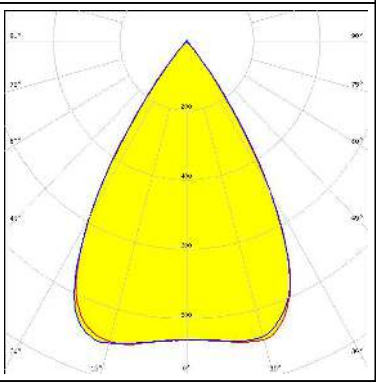


MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	63.0° / 77.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	Tunable White

Required components:
C17483_DAISY-2X2-SHD-MATT

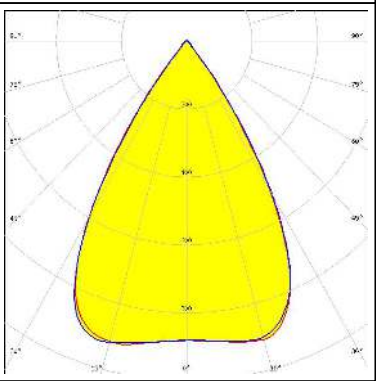




MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	64.0° / 78.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	Tunable White

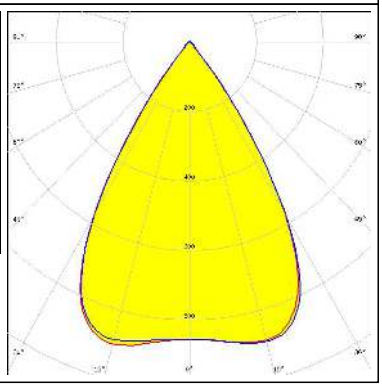
Required components:
C17484_DAISY-2X2-SHD-WHT-MATT



MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	64.0° / 79.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

Required components:
C16875_DAISY-2X2-SHD-WHT

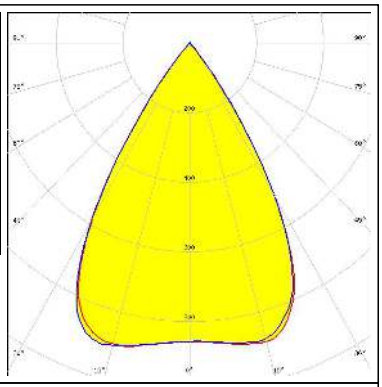


OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	63.0° / 78.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	Tunable White

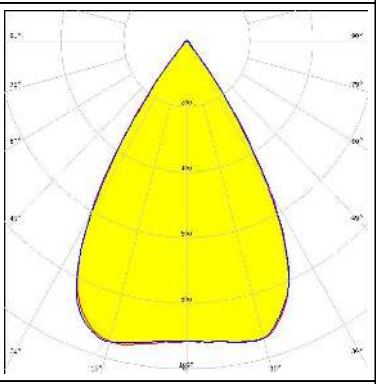
Required components:
C16866_DAISY-2X2-SHD



MST Your solutions

LED	RecLED 62x62mm 1600lm 827-865 36V G1
FWHM / FWTM	63.0° / 77.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour	Tunable White

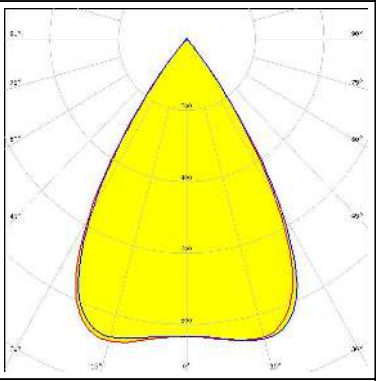
Required components:
C17530_DAISY-2X2-SHD-MET



MST Your solutions

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	64.0° / 78.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

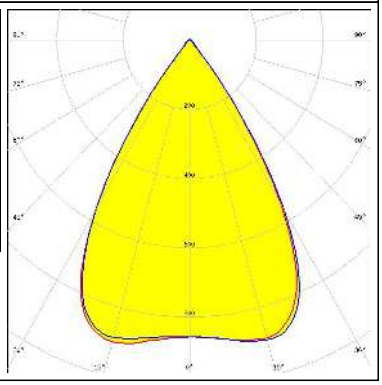
Required components:
C17483_DAISY-2X2-SHD-MATT



MST Your solutions

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	64.0° / 79.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

Required components:
C17484_DAISY-2X2-SHD-WHT-MATT

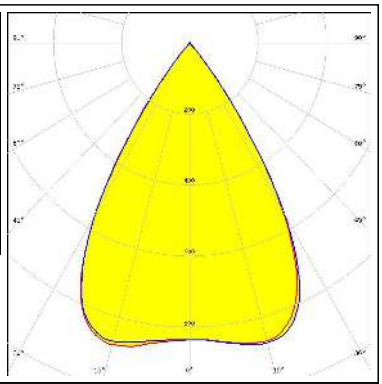


OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	64.0° / 78.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

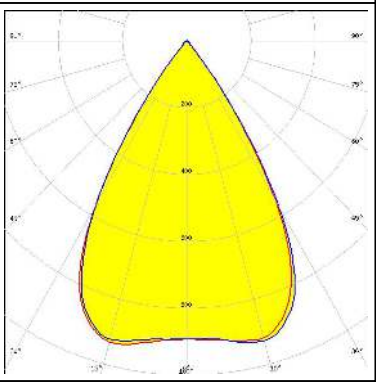
Required components:
C16866_DAISY-2X2-SHD



MST Your solutions

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	63.0° / 78.0°
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

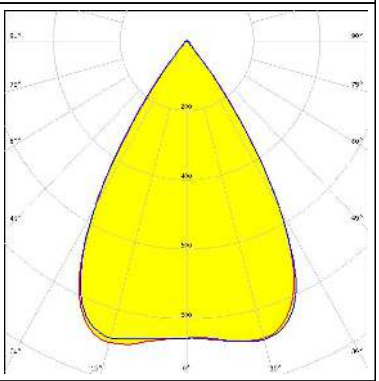
Required components:
C17530_DAISY-2X2-SHD-MET



MST Your solutions

LED	RecLED 62x62mm 1600lm 8x0 36V G1
FWHM / FWTM	64.0° / 78.0°
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour	White

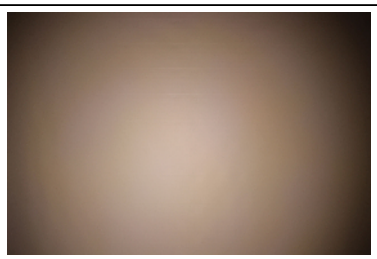
Required components:
C17536_DAISY-2X2-SHD-MET-MATT

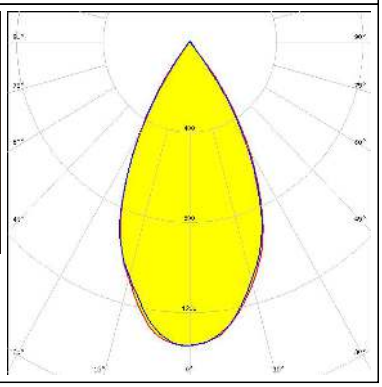


NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	53.0° / 74.0°
Efficiency	96 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:
C16875_DAISY-2X2-SHD-WHT



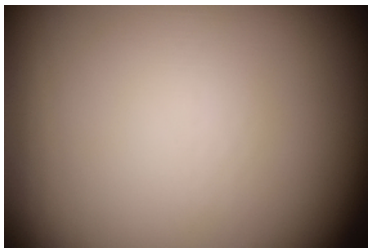


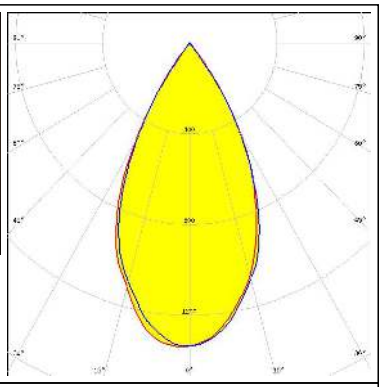
OPTICAL RESULTS (MEASURED):

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	53.0° / 73.0°
Efficiency	91 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:
C16866_DAISY-2X2-SHD

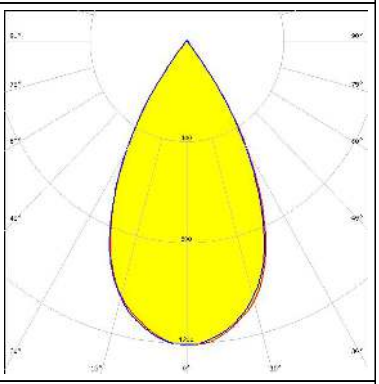




SAMSUNG

LED	LM28xB Series
FWHM / FWTM	56.0° / 74.0°
Efficiency	92 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

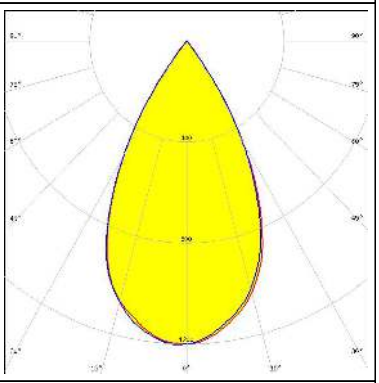
Required components:
C16875_DAISY-2X2-SHD-WHT



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	55.0° / 74.0°
Efficiency	90 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

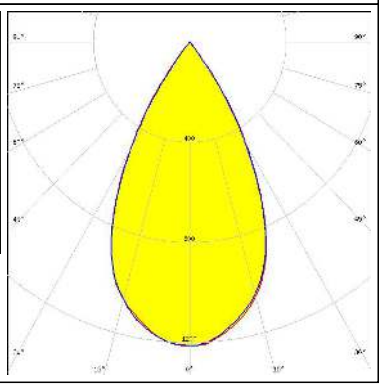
Required components:
C16866_DAISY-2X2-SHD



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	55.0° / 74.0°
Efficiency	89 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C17483_DAISY-2X2-SHD-MATT

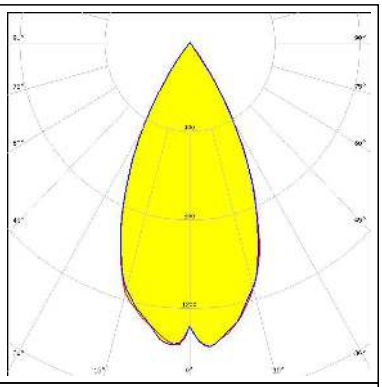


OPTICAL RESULTS (SIMULATED):

CREE LED

LED	J Series 2835
FWHM / FWTM	50.0° / 72.0°
Efficiency	88 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White

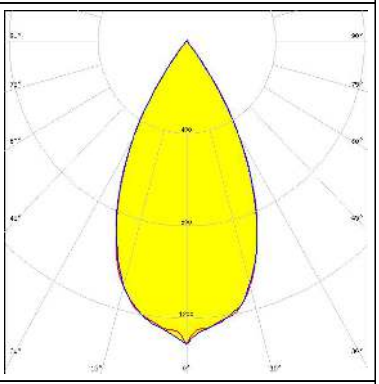
Required components:
C17483_DAISY-2X2-SHD-MATT



CREE LED

LED	J Series 5050 Round LES
FWHM / FWTM	52.0° / 74.0°
Efficiency	89 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

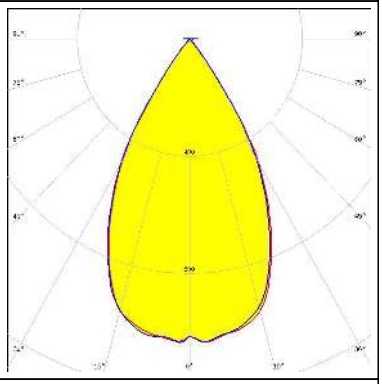
Required components:
C17483_DAISY-2X2-SHD-MATT



CREE LED

LED	XD16
FWHM / FWTM	58.0 + °
Efficiency	86 %
LEDs/each optic	1
Light colour	White

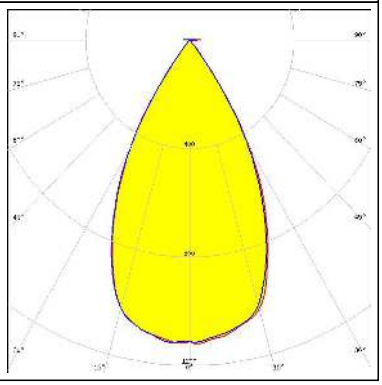
Required components:
C16866_DAISY-2X2-SHD



CREE LED

LED	XD16
FWHM / FWTM	55.0° / 74.0°
Efficiency	86 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour	White

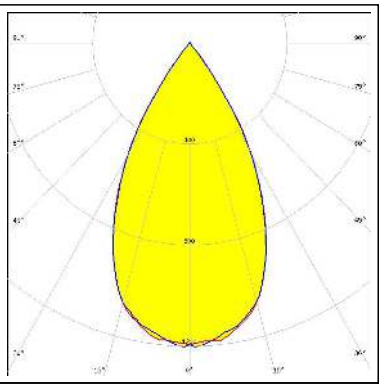
Required components:
C16866_DAISY-2X2-SHD



OPTICAL RESULTS (SIMULATED):

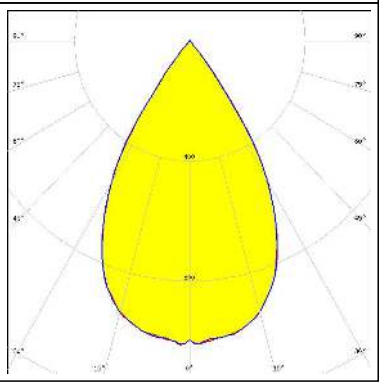
NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	56.0° / 76.0°
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour	Tunable White
Required components:	
C16866_DAISY-2X2-SHD	



NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	62.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16866_DAISY-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.

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