DAISY-7X1-M

~35° wide beam

SPECIFICATION:

Dimensions	279.5 x 39.6 mm
Height	20.3 mm
Fastening	pin, screw, clips
ROHS compliant	yes

MATERIALS:

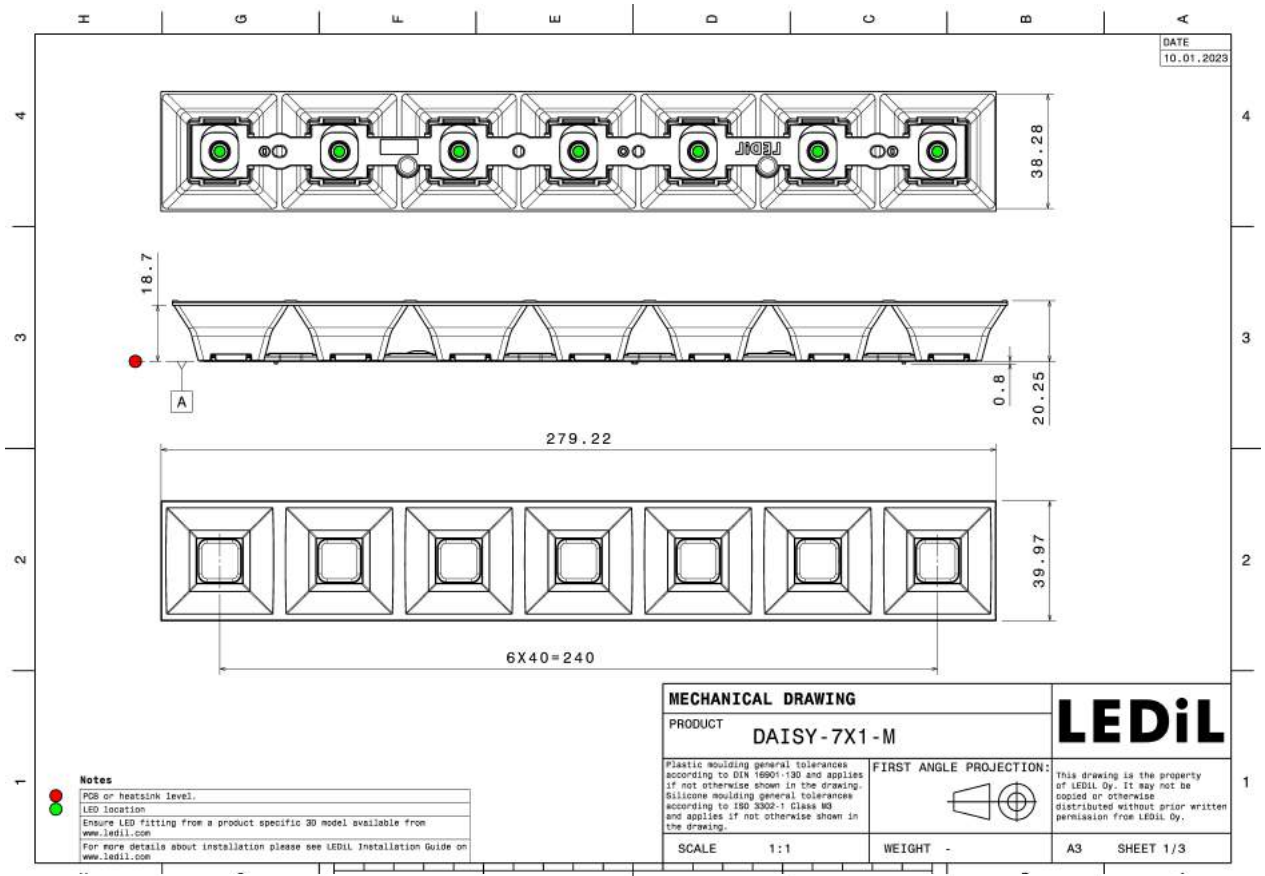
Component	Type	Material	Colour	Finish
C17389_DAISY-7X1-M	Linear lens	PMMA	clear	
C18409_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss

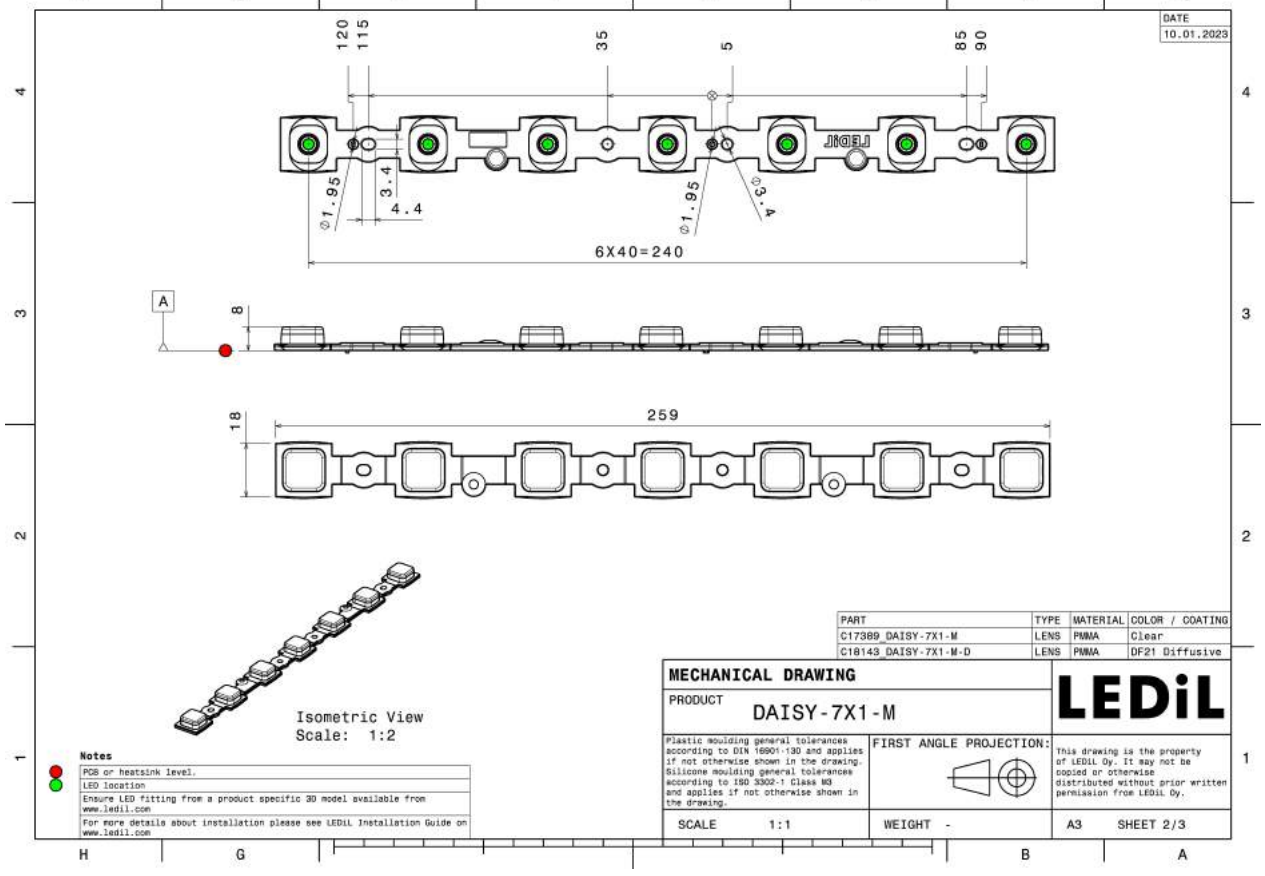
ORDERING INFORMATION:

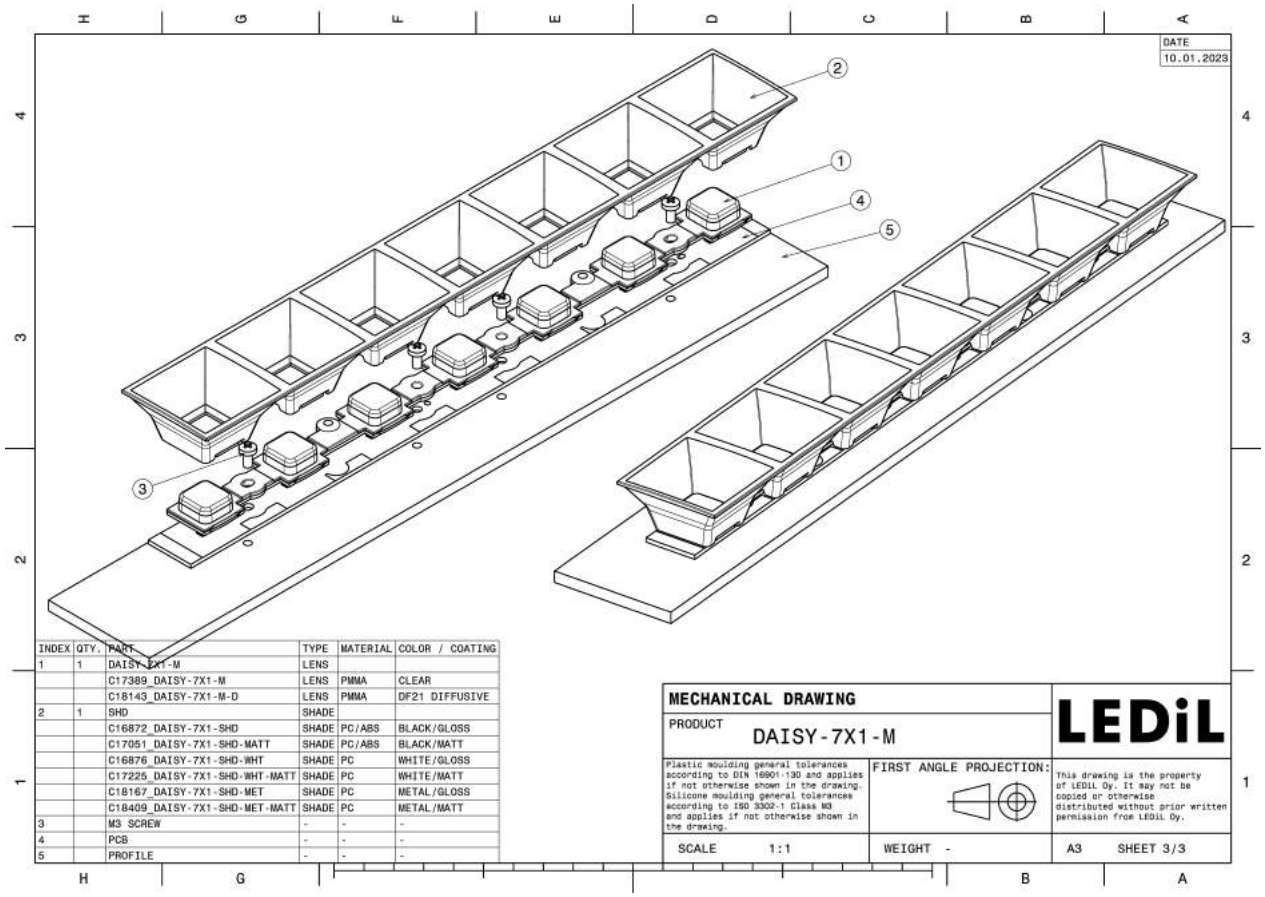
Quantities for one set:

Linear lens	1
Shade	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17389_DAISY-7X1-M » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	6.3
C16876_DAISY-7X1-SHD-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6
C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
C17051_DAISY-7X1-SHD-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.3
C18409_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
C17225_DAISY-7X1-SHD-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6
C16872_DAISY-7X1-SHD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1







INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	DAISY-7X1-M	LENS		
		C17389_DAISY-7X1-M	LENS	PMMA	CLEAR
		C18143_DAISY-7X1-M-D	LENS	PMMA	DF21 DIFFUSIVE
2	1	SHD	SHADE		
		C16872_DAISY-7X1-SHD	SHADE	PC/ABS	BLACK/GLOSS
		C17051_DAISY-7X1-SHD-MATT	SHADE	PC/ABS	BLACK/MATT
		C16876_DAISY-7X1-SHD-WHT	SHADE	PC	WHITE/GLOSS
		C17225_DAISY-7X1-SHD-WHT-MATT	SHADE	PC	WHITE/MATT
		C18167_DAISY-7X1-SHD-MET	SHADE	PC	METAL/GLOSS
		C18409_DAISY-7X1-SHD-MET-MATT	SHADE	PC	METAL/MATT
3		M3 SCREW	-	-	-
4		PCB	-	-	-
5		PROFILE	-	-	-

MECHANICAL DRAWING

PRODUCT DAISY-7X1-M

LEDiL

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:

SCALE 1:1 | WEIGHT - | A3 SHEET 3/3

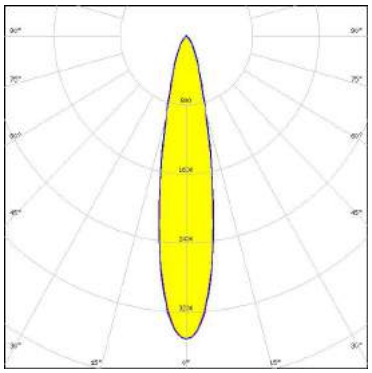
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	21.0° / 46.0°
Efficiency	79 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White

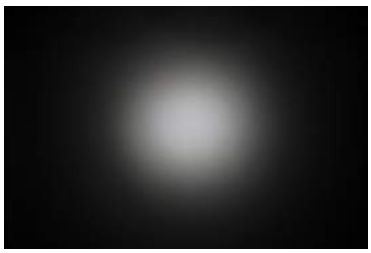
Required components:
C16872_DAISY-7X1-SHD

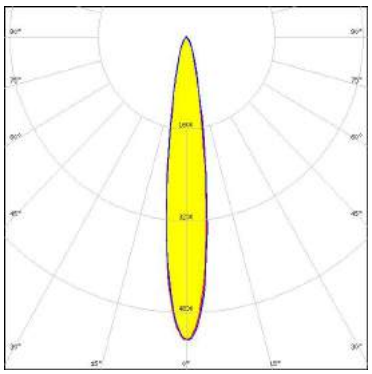


NICHIA

LED	NCSxE17A
FWHM / FWTM	16.0° / 36.0°
Efficiency	77 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C17051_DAISY-7X1-SHD-MATT



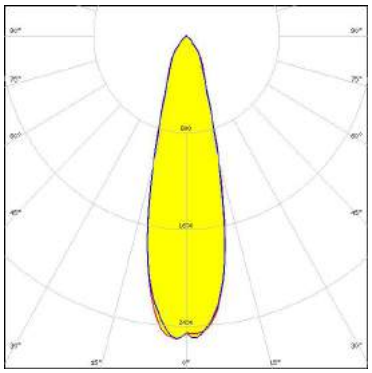


OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	J Series 5050 Round LES
FWHM / FWTM	28.0° / 64.0 + 62.0°
Efficiency	87 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

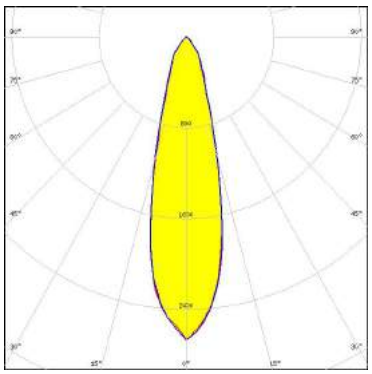
Required components:
C16872_DAISY-7X1-SHD



CREE LEDs

LED	J Series 5050 Round LES
FWHM / FWTM	26.0° / 58.0 + 60.0°
Efficiency	86 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White

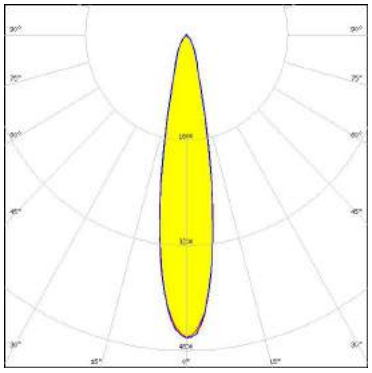
Required components:
C16872_DAISY-7X1-SHD



LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	20.0° / 42.0°
Efficiency	92 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White

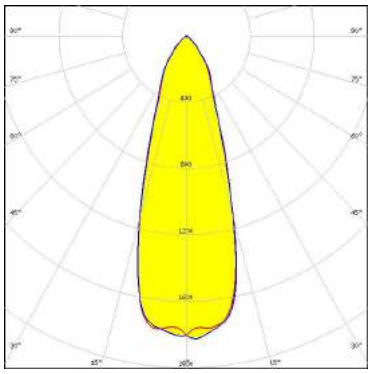
Required components:
C16872_DAISY-7X1-SHD



LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	34.0° / 76.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
C16872_DAISY-7X1-SHD

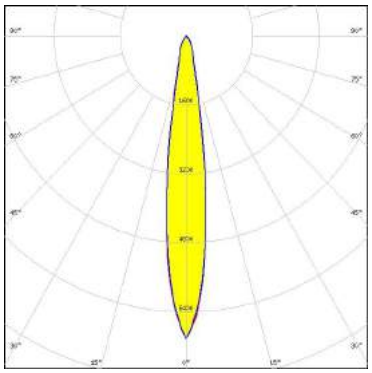


OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 3020
FWHM / FWTM	16.0° / 32.0°
Efficiency	91 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour	White

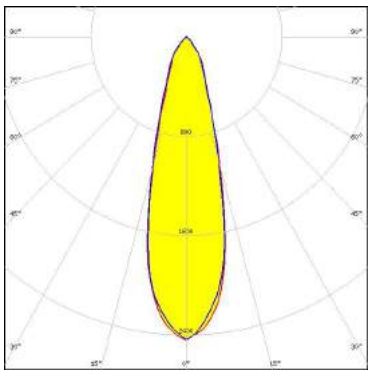
Required components:
C16872_DAISY-7X1-SHD



LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	28.0° / 62.0 + 64.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

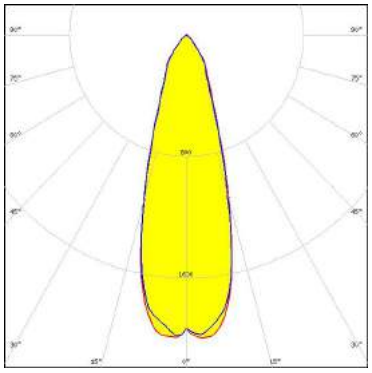
Required components:
C16872_DAISY-7X1-SHD



LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	32.0° / 72.0 + 71.0°
Efficiency	87 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

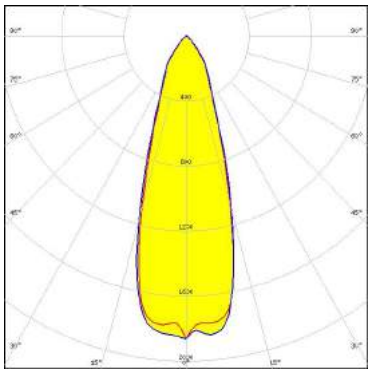
Required components:
C16872_DAISY-7X1-SHD



OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	33.0 + 34.0° / 72.0°
Efficiency	86 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C16872_DAISY-7X1-SHD

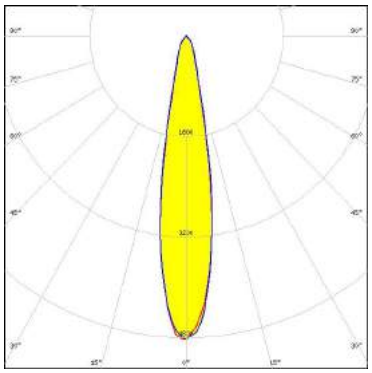


OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH231B
FWHM / FWTM	20.0° / 39.0 + 38.0°
Efficiency	86 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White

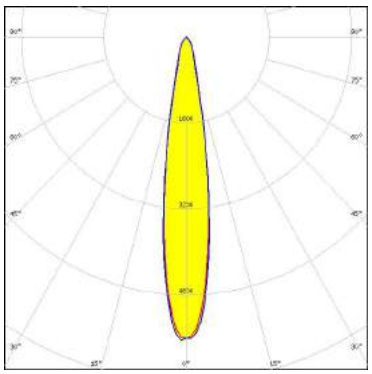
Required components:
C16872_DAISY-7X1-SHD



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	18.0° / 36.0°
Efficiency	89 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour	White

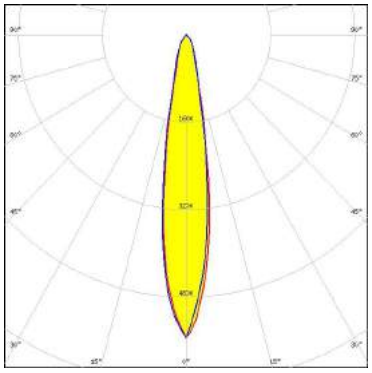
Required components:
C16872_DAISY-7X1-SHD



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	18.0° / 39.0°
Efficiency	95 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour	White

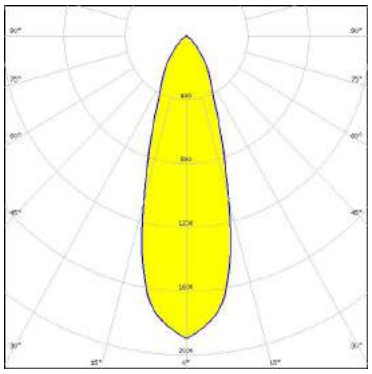
Required components:
C17225_DAISY-7X1-SHD-WHT-MATT



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	32.0° / 74.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
C17051_DAISY-7X1-SHD-MATT



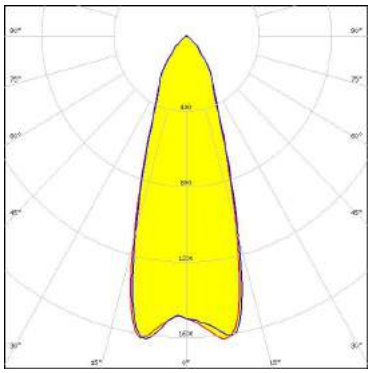
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	36.0° / 78.0°
Efficiency	84 %
Peak intensity	1.6 cd/lm
LEDs/each optic	2
Light colour	White

Required components:

C16872_DAISY-7X1-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.

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