DAISY-4X1-WW

~80° wide beam

SPECIFICATION:

Dimensions	182.0 x 40.0 mm
Height	20.2 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
C16584_DAISY-4X1-WW	Linear lens	PMMA	clear	
C18414_DAISY-4X1-SHD-MET-MATT	Shade	PC	metal	matt
C18412_DAISY-4X1-SHD2-MET	Shade	PC	metal	gloss
C18411_DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt
C18407_DAISY-4X1-SHD-MET	Shade	PC	metal	gloss
C17423_DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt
C17422_DAISY-4X1-SHD2-MATT	Shade	PC	black	matt
C16784_DAISY-4X1-SHD-WHT	Shade	PC	white	gloss
C16590_DAISY-4X1-SHD	Shade	PC	black	gloss

ORDERING INFORMATION:

Quantities for one set:

Linear lens	1
Shade	1
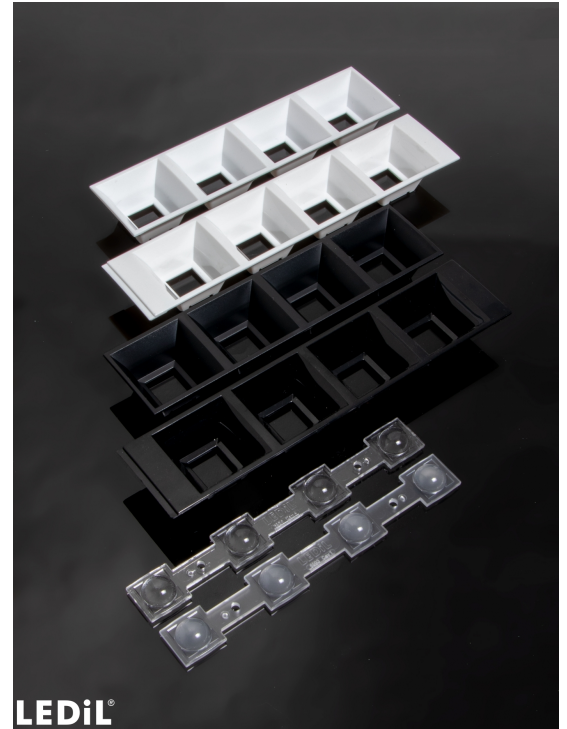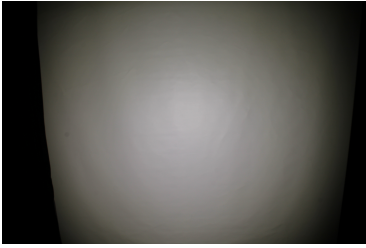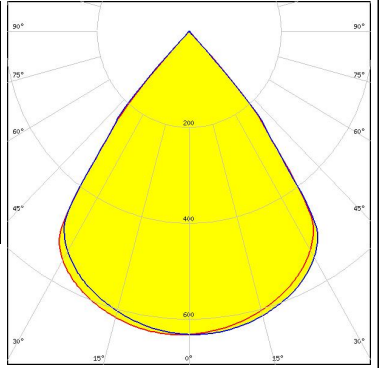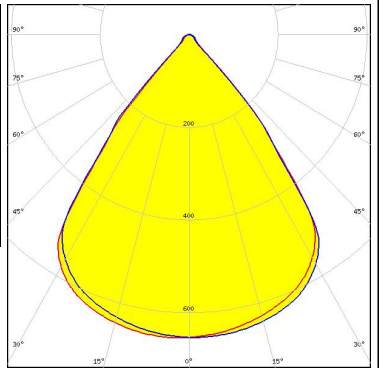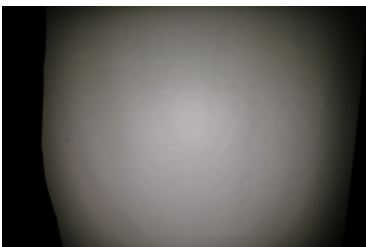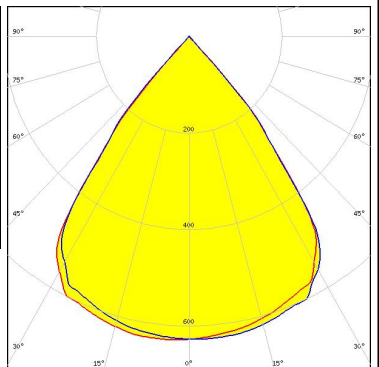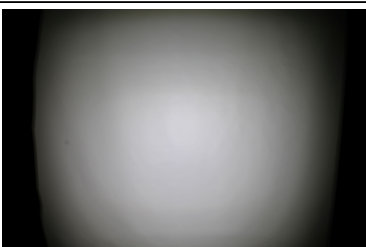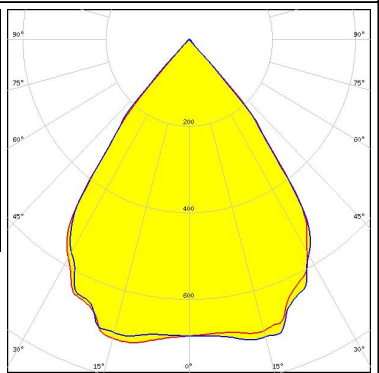
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16584_DAISY-4X1-WW » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	5.6
C18412_DAISY-4X1-SHD2-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	
C17423_DAISY-4X1-SHD2-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
C18414_DAISY-4X1-SHD-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
C18407_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	5.2
C18411_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7

Bottom view

38.44

Isometric view
Scale: 1:1

181.7

20.25

18.9

1.2

Front view

Top view

40 40 40

40

INDEX	QTY.	PART NO	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4x1-WW	LENS	PMMA	CLEAR
2	1	C16590_DAISY-4x1-SHD	SHADE	PC/ABS	BLACK

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

MECHANICAL DRAWING

PRODUCT **DAISY - 4X1**

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 | - | A3 | SHEET 1/1 |

Isometric view
Scale: 1:1

SHADE

C16584

PCB

PROFILE

Positioning of different LED combinations

LED 1 X 5050

LED 2 X 5630

LED 4 X 2835

60 60 60

20 20

Ø2 Ø3.4 Ø3.4 Ø2

25

80.3

90.3

140

PCB

Notes
- 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

INDEX	QTY.	PART NO	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4X1-WW	LENS	PMMA	CLEAR
2	1	C16590_DAISY-4X1-SHD	SHADE	PC/ABS	BLACK

MECHANICAL DRAWING

PRODUCT **DAISY - 4X1**

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:

PCB
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 | - | A3 | SHEET 1/1 |

Bottom view

Front view

Top view

Isometric view
Scale: 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

INDEX	QTY.	PART NO	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4X1-WW	LENS	PMMA	CLEAR
2	1	SHD			
		C17422_DAISY-4X1-SHD2-MATT	SHADE	PC/ABS	BLACK/MATT
		C17423_DAISY-4X1-SHD2-WHT-MATT	SHADE	PC	WHITE/MATT
		C18412_DAISY-4X1-SHD2-MET	SHADE	PC	METAL/GLOSS
		C18411_DAISY-4X1-SHD2-MET-MATT	SHADE	PC	METAL/MATT

MECHANICAL DRAWING

PRODUCT **DAISY-4X1**

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 | - | A3 | SHEET 3/4 |

Isometric view
Scale: 1:1

Positioning of different LED combinations

PCB

PROFILE

LED 1 X 5050

LED 2 X 5630

LED 4 X 2835

INDEX	QTY.	PART NO	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4X1-WW	LENS	PMMA	CLEAR
2	1	SHD			
		C17422_DAISY-4X1-SHD2-MATT	SHADE	PC/ABS	BLACK/MATT
		C17423_DAISY-4X1-SHD2-WHT-MATT	SHADE	PC	WHITE/MATT
		C18412_DAISY-4X1-SHD2-MET	SHADE	PC	METAL/GLOSS
		C18411_DAISY-4X1-SHD2-MET-MATT	SHADE	PC	METAL/MATT

Notes
- 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

MECHANICAL DRAWING

PRODUCT **DAISY-4X1**

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 | - | A3 | SHEET 4/4 |

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

OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	74.0° / 87.0°
Efficiency	96 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17528_DAISY-4X1-SHD-MET	

OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

AUDAX ELECTRONICS
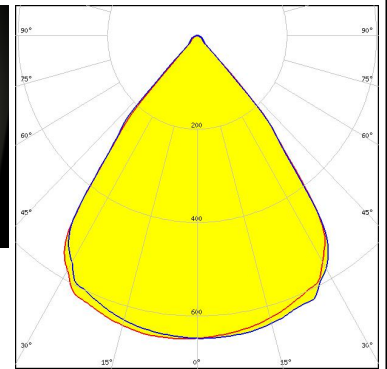
LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	75.0° / 87.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17535_DAISY-4X1-SHD2-MET-MATT	

CREE LED
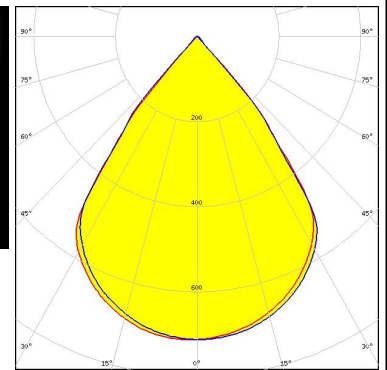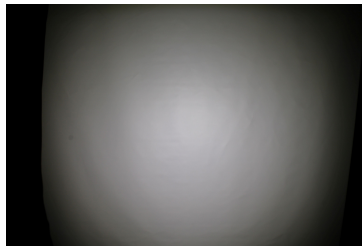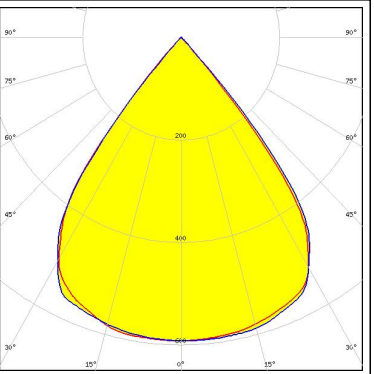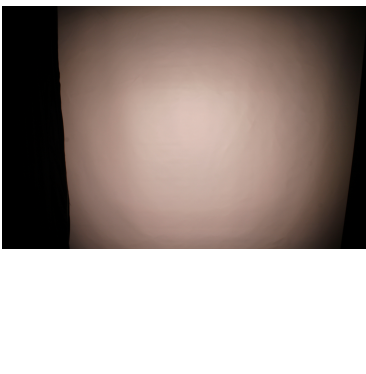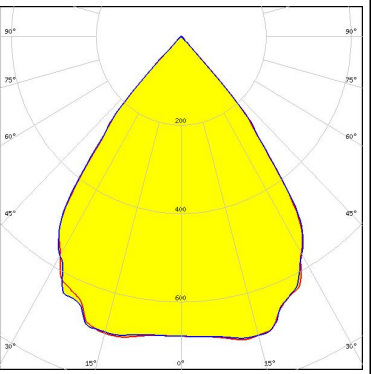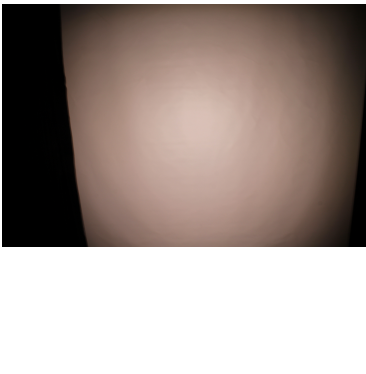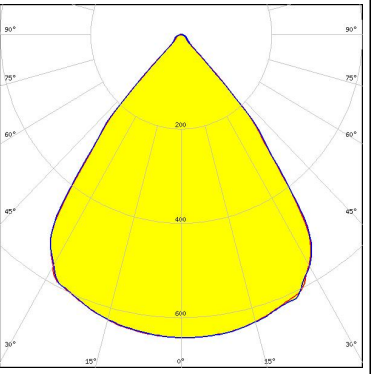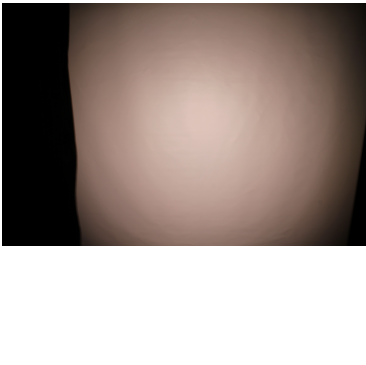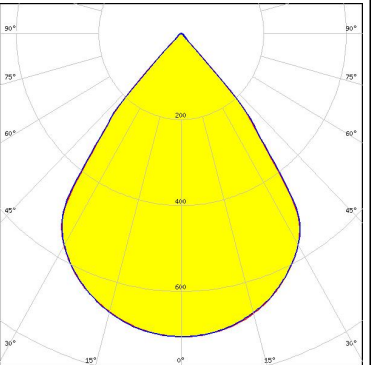
LED	J Series 2835
FWHM / FWTM	77.0° / 86.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

LUMILEDS
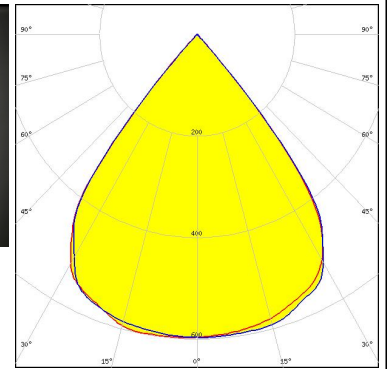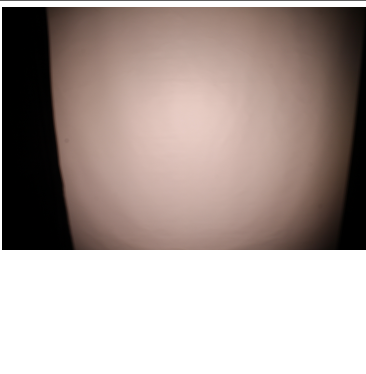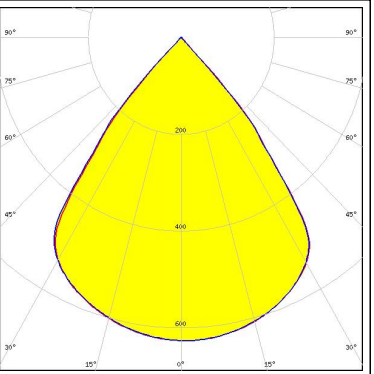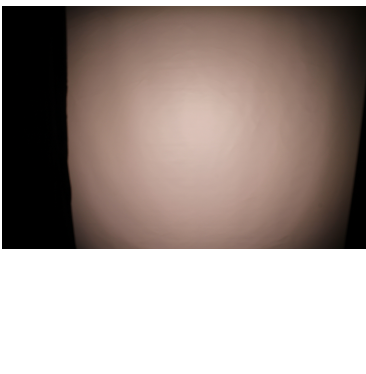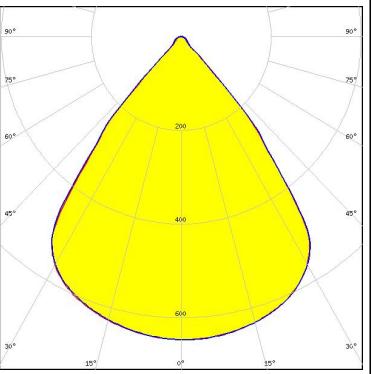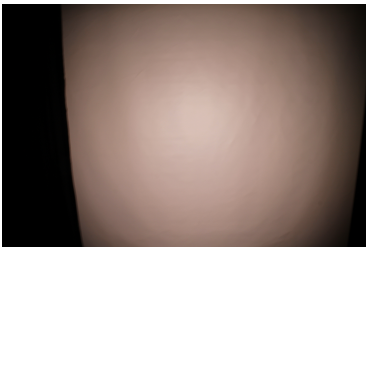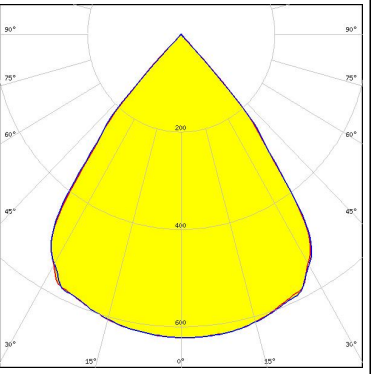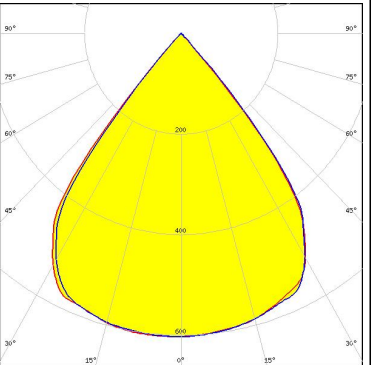
LED	LUXEON 2835 Line
FWHM / FWTM	78.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x200lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	77.0° / 85.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	74.5 + 75.5° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17528_DAISY-4X1-SHD-MET	

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.5 + 77.0° / 88.5°
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	75.5° / 88.0 + 87.5°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17535_DAISY-4X1-SHD2-MET-MATT	

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.0 + 76.5° / 87.5°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.5 + 77.0° / 88.5°
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.0 + 76.5° / 87.5°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	

MST | *Your solutions*

LED	LinLED 156x28mm 400lm 8x0 2C 12V Opt G1
FWHM / FWTM	77.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

OPTICAL RESULTS (MEASURED):

MST | Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	76.0 + 76.5° / 88.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	
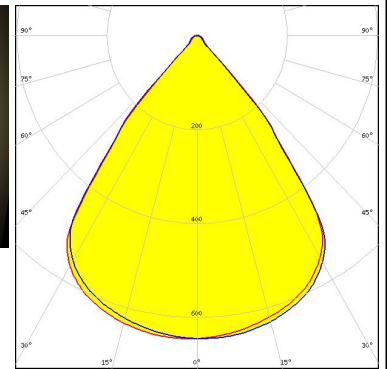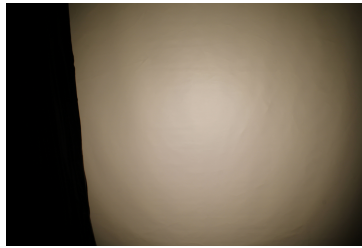
MST | Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	76.0 + 75.5° / 87.5 + 87.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	
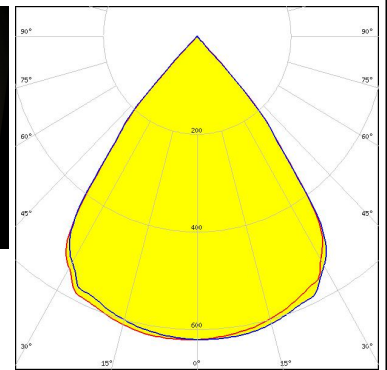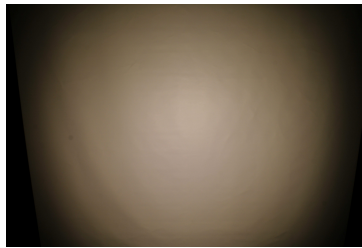
MST | Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	74.5° / 87.5 + 87.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17528_DAISY-4X1-SHD-MET	
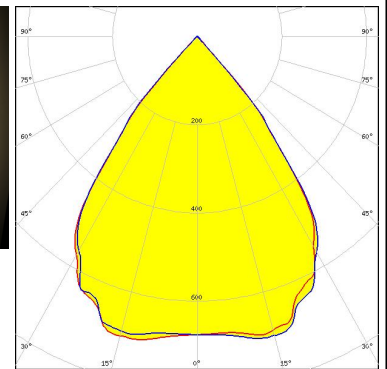
MST | Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	76.5° / 88.5 + 88.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	
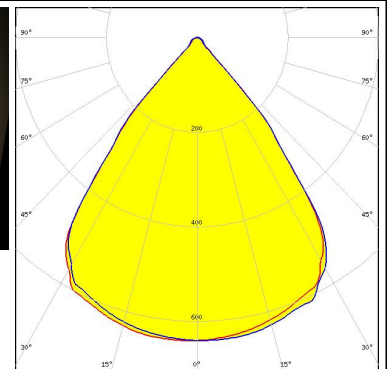
OPTICAL RESULTS (MEASURED):

MST *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	74.5° / 87.5°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17535_DAISY-4X1-SHD2-MET-MATT	
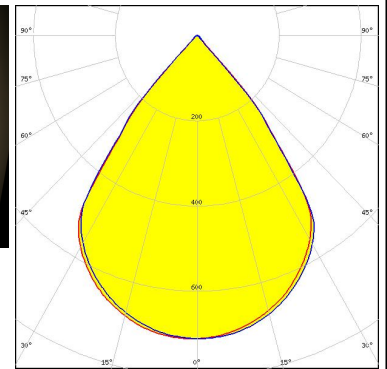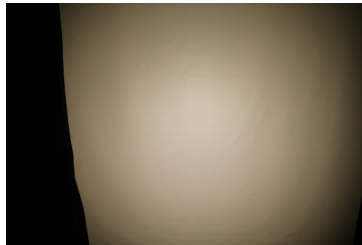
MST *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	75.5 + 76.0° / 87.5°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
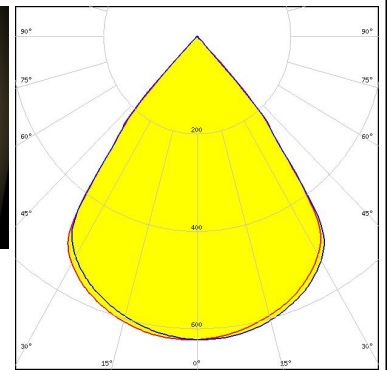
NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	79.0° / 86.0°
Efficiency	96 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	Tunable White
Required components:	
C16784_DAISY-4X1-SHD-WHT	
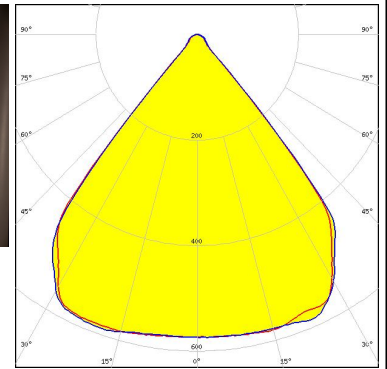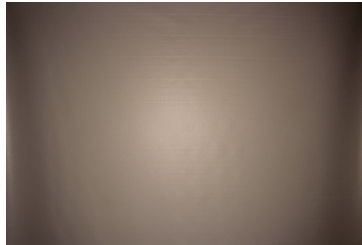
NICHIA

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:	
C16590_DAISY-4X1-SHD	
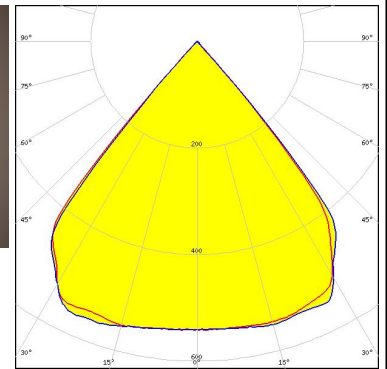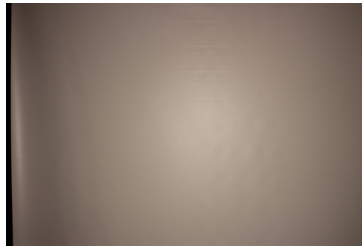
OPTICAL RESULTS (MEASURED):

OSRAM

LED	PL-LIN-1000 140x24mm
FWHM / FWTM	75.0° / 89.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White

Required components:
  C17422_DAISY-4X1-SHD2-MATT
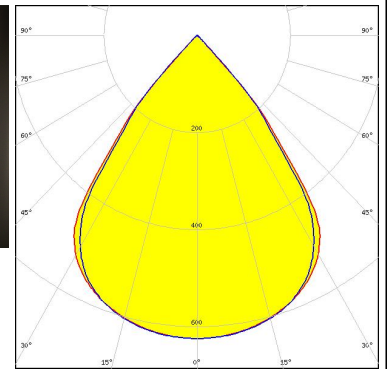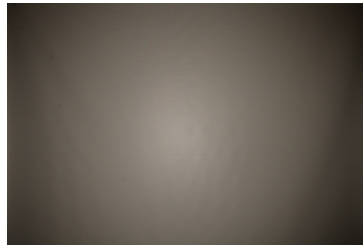
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	77.0° / 87.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
  C16784_DAISY-4X1-SHD-WHT
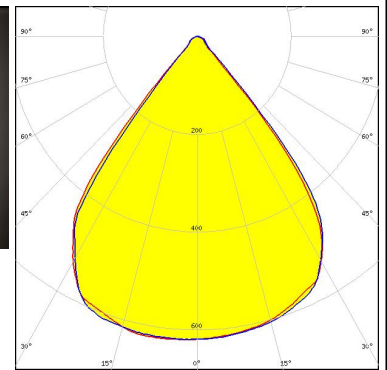
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	75.0° / 88.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White

Required components:
  C16590_DAISY-4X1-SHD
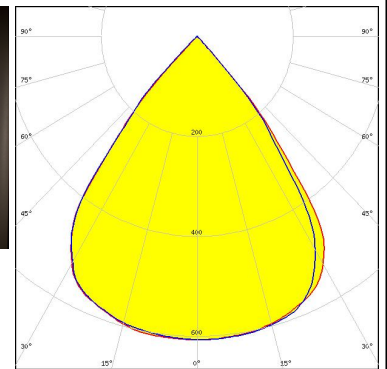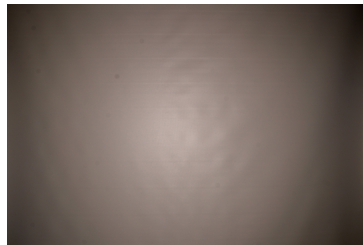
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	78.0° / 86.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
  C16590_DAISY-4X1-SHD
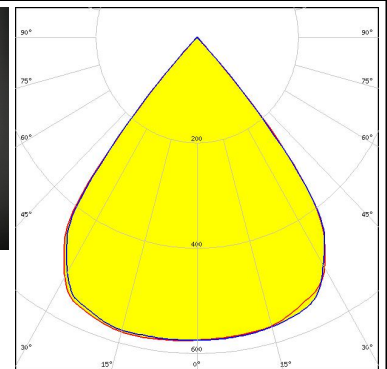
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 89.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	
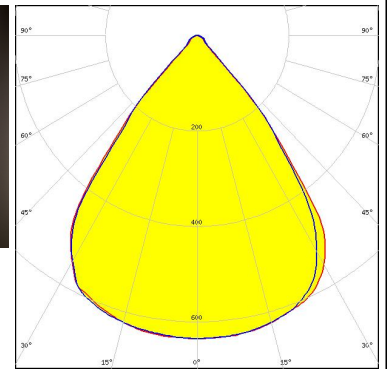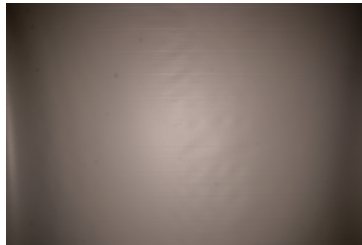
SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 85.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
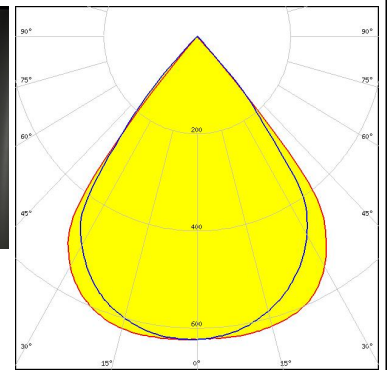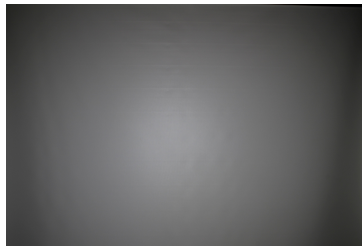
SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030
FWHM / FWTM	75.0° / 89.0°
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16784_DAISY-4X1-SHD-WHT	
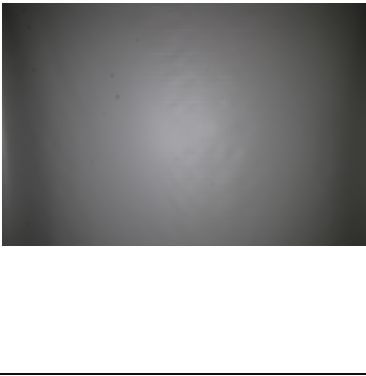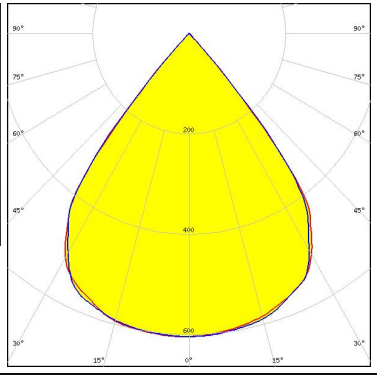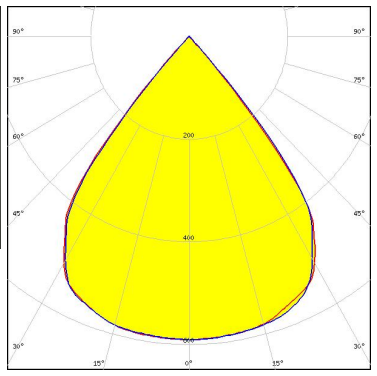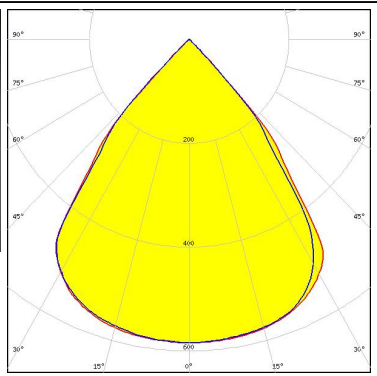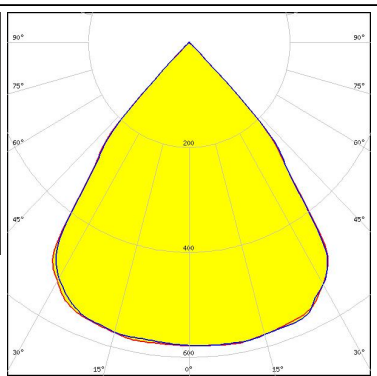
SEOUL SEMICONDUCTOR
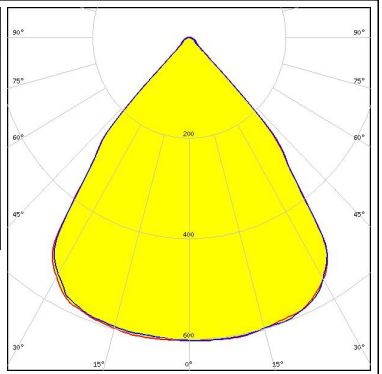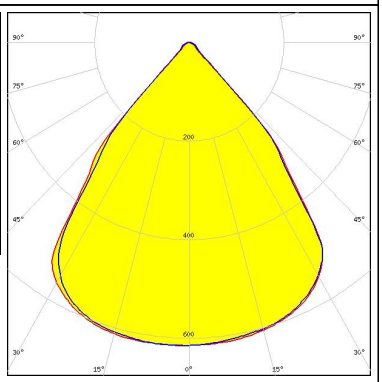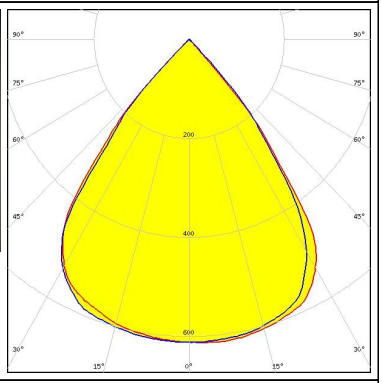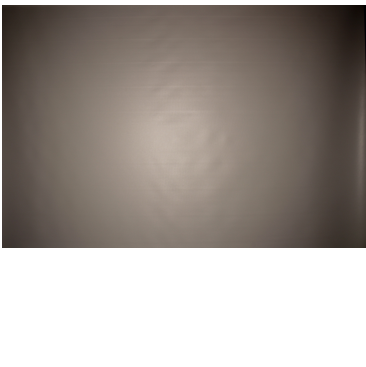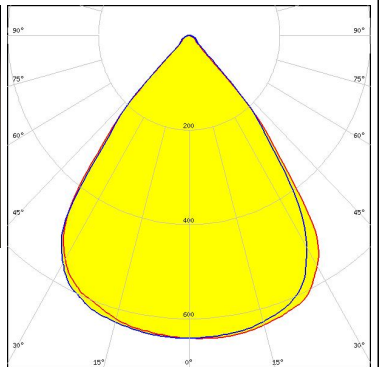
LED	SEOUL DC 3030
FWHM / FWTM	75.0° / 89.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3528
FWHM / FWTM	77.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3528
FWHM / FWTM	78.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	80.0 + 77.0° / 91.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	79.0° / 91.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

OPTICAL RESULTS (MEASURED):

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	80.0° / 91.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	79.0° / 91.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	

TRIDONIC

LED	LLE 24x140mm 400lm 827-865 LVD ADV1
FWHM / FWTM	76.0° / 89.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

TRIDONIC

LED	LLE 24x140mm 400lm 827-865 LVD ADV1
FWHM / FWTM	76.0° / 90.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	76.0° / 89.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	
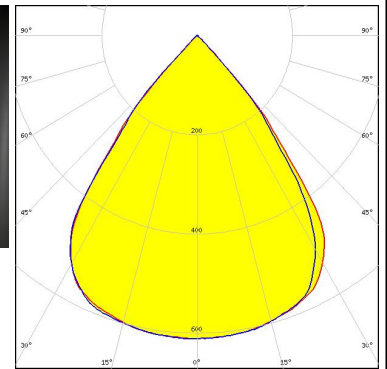
TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	77.0° / 90.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	76.0° / 90.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	
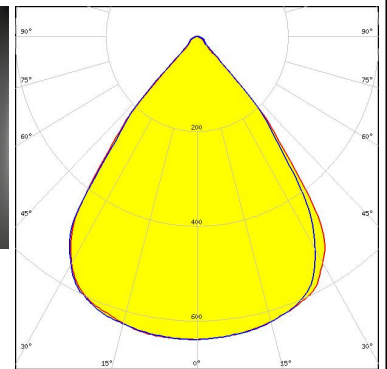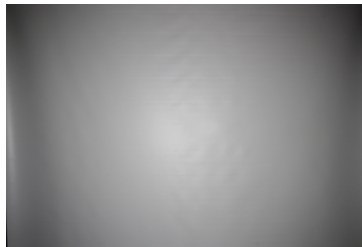
TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	76.0° / 89.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	
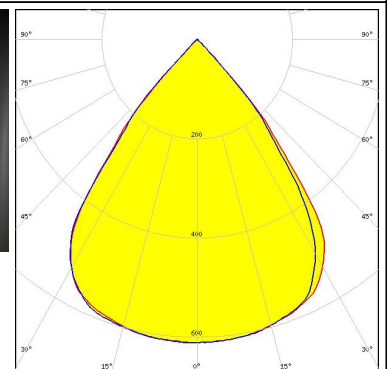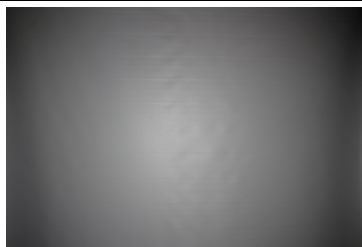
OPTICAL RESULTS (SIMULATED):

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:	
C17422_DAISY-4X1-SHD2-MATT	
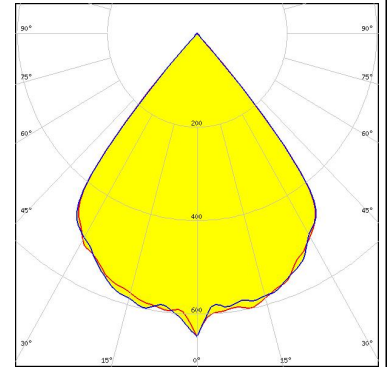
CREE≑LED	
LED	J Series 5050 Round LES
FWHM / FWTM	78.0° / 86.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
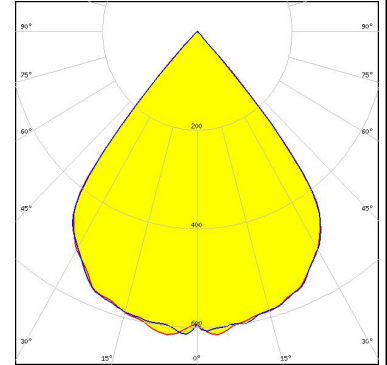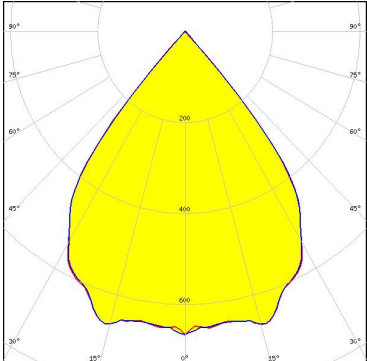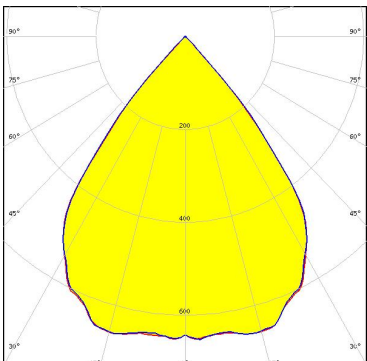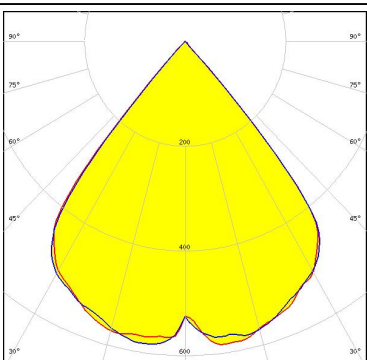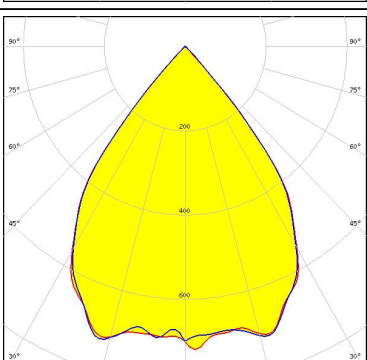
LUMILEDS	
LED	LUXEON 3535L
FWHM / FWTM	76.0° / 85.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	
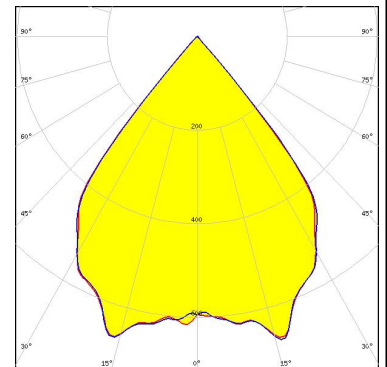
LUMILEDS	
LED	LUXEON 5050 Round LES
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

OPTICAL RESULTS (SIMULATED):

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:	
C16590_DAISY-4X1-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:	
C16590_DAISY-4X1-SHD	

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	80.0° / 86.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	76.0° / 88.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	

OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	76.0° / 88.0°
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C16585_DAISY-28X1-SHD	
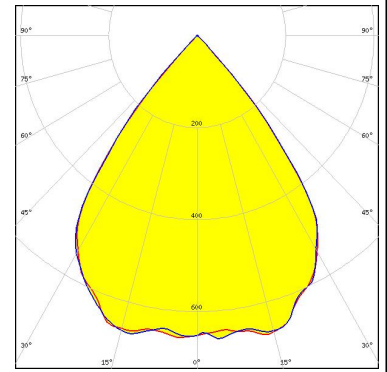
OSRAM Opto Semiconductors

LED	Duris S8
FWHM / FWTM	76.0° / 86.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	
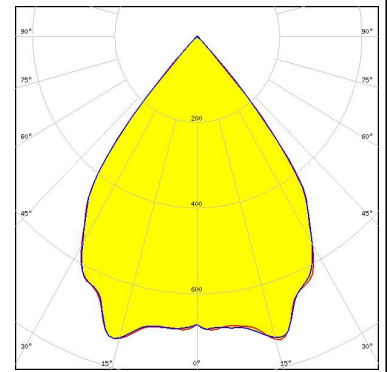
OSRAM Opto Semiconductors

LED	Duris S8
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	
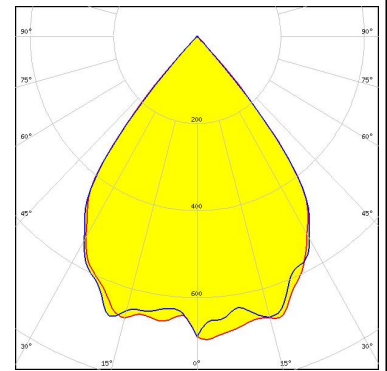
SAMSUNG

LED	LH351B
FWHM / FWTM	79.0° / 88.0°
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C16590_DAISY-4X1-SHD	
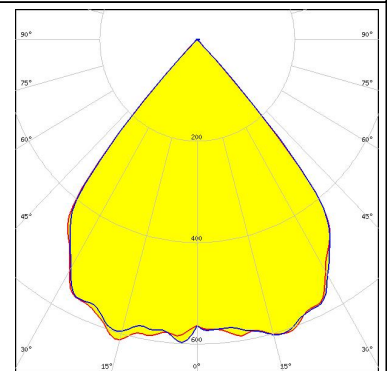
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
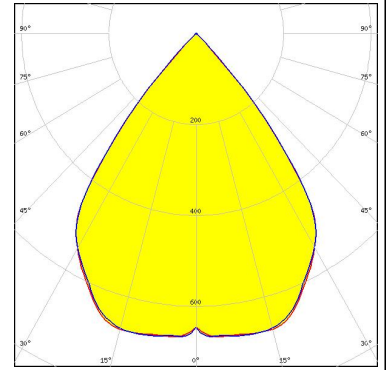
TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	75.0° / 88.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	
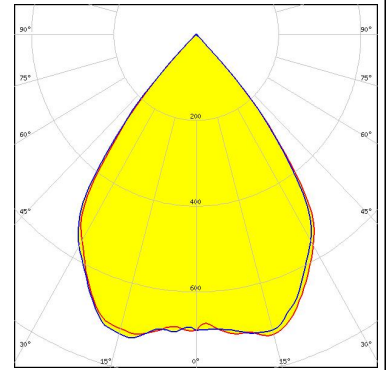
GENERAL INFORMATION:

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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