LINNEA-O-B

~35° + 70° oval beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

Dimensions	285.0 x 40.0 mm
Height	10.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
LINNEA-O-B	Linear lens	PC	clear	

ORDERING INFORMATION:
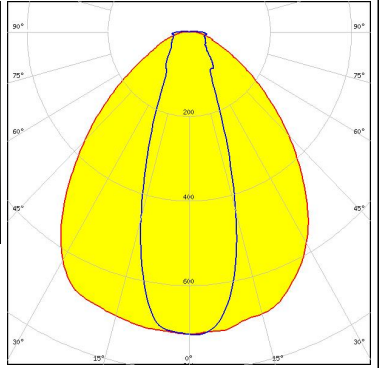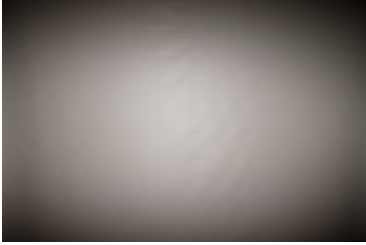
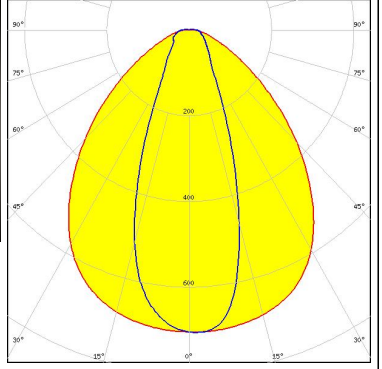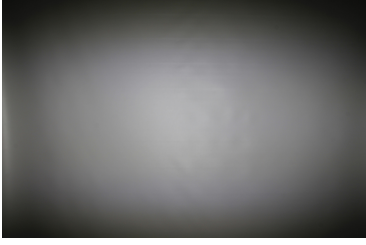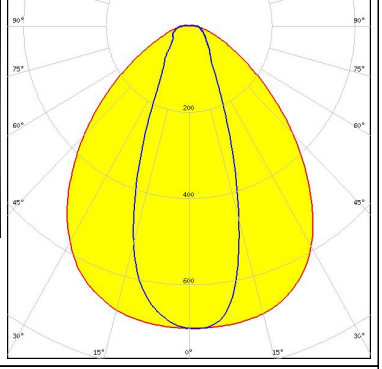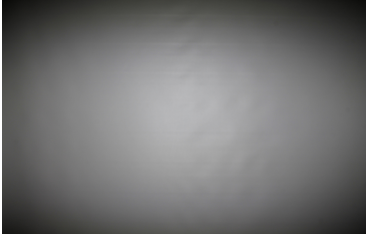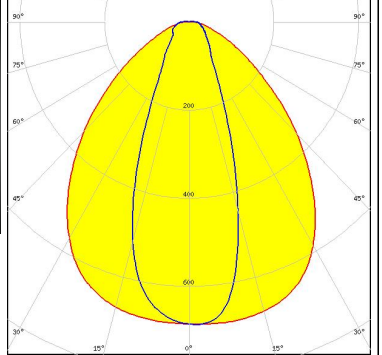| Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15952_LINNEA-O-B	153	36	9	8.0

» Box size: 398 x 298 x 265 mm

57.3
132
107
117
30.33
DATE
22.12.2021

40

33.3 20
180

Bottom View
Scale: 1:1

285.1

10.5

Front View
Scale: 1:1

0.6
2.7 1.65
⌀24.8

PCB Level

Right View
Scale: 2:1

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

PART	TYPE	MATERIAL	COLOR / COATING
F15952_Linnea-O-B		PC	clear

MECHANICAL DRAWING

PRODUCT: **LINNEA**

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 | 42 g | A3 | SHEET 1/1 |

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-E
FWHM / FWTM	90.0 + 35.0° / 138.0 + 86.0°
Efficiency	81 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Helvar

LED	L-iC-282-827-865-011A
FWHM / FWTM	91.0 + 39.0° / 139.0 + 84.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Helvar

LED	LP-282-840-009A 60/300
FWHM / FWTM	91.0 + 39.0° / 139.0 + 85.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Helvar

LED	LS-282-840-011A
FWHM / FWTM	92.0 + 39.0° / 140.0 + 86.0°
Efficiency	82 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

Helvar

LED	LX-282-840-023A
FWHM / FWTM	91.0 + 39.0° / 139.0 + 86.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

MST *Your solutions*

LED	LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
FWHM / FWTM	88.0 + 37.0° / 137.0 + 83.0°
Efficiency	82 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NFSW757H
FWHM / FWTM	92.0 + 41.0° / 140.0 + 89.0°
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NFSx757G
FWHM / FWTM	87.0 + 38.0° / 140.0 + 85.0°
Efficiency	81 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

OSRAM

LED	PL-LIN-IND-Z1 2800 560x24
FWHM / FWTM	91.0 + 39.0° / 140.0 + 94.0°
Efficiency	87 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
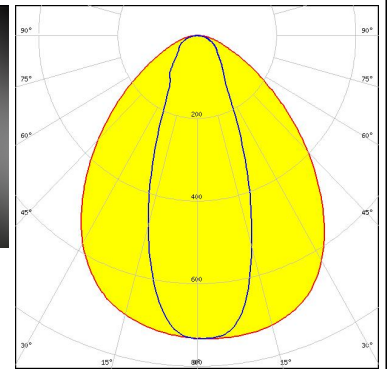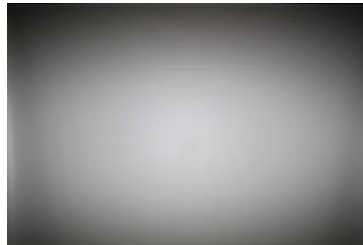
OSRAM Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM / FWTM	90.0 + 38.0° / 138.0 + 86.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
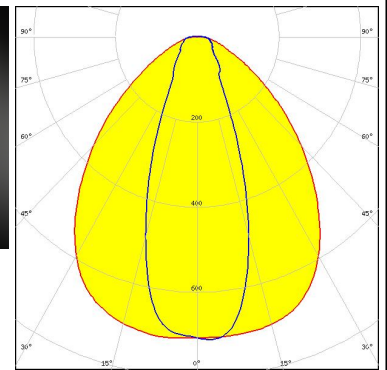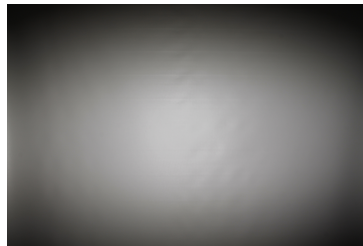
OSRAM Opto Semiconductors

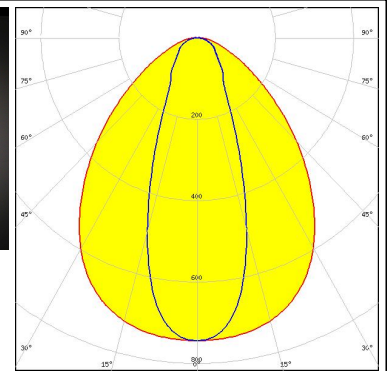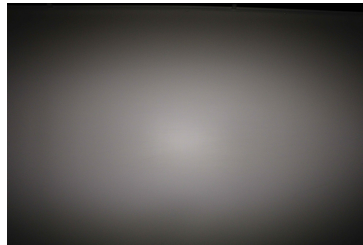|	
LED	Duris S5 (Single chip)
FWHM / FWTM	91.0 + 38.0° / 139.0 + 88.0°
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
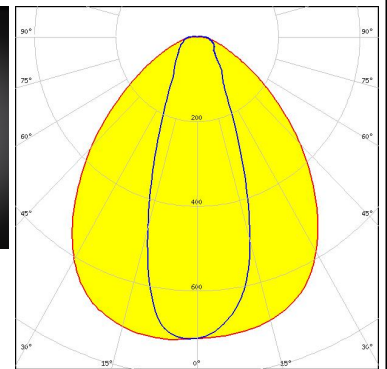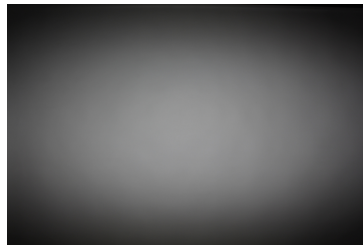
PHILIPS

LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM / FWTM	92.0 + 40.0° / 140.0 + 85.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
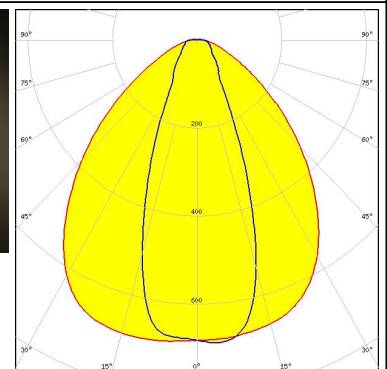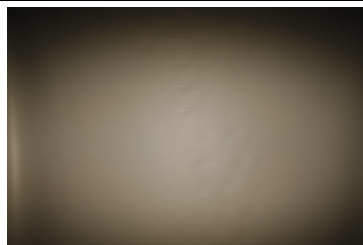
OPTICAL RESULTS (MEASURED):

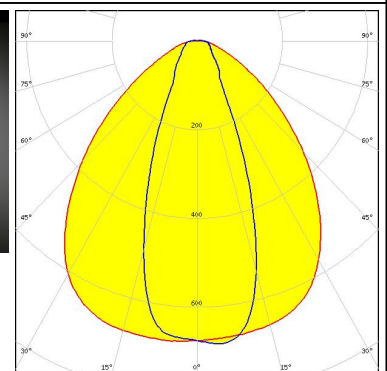### PHILIPS

LED	Fortimo LED Strip 1ft 1100lm FC HV5 & LV5
FWHM / FWTM	89.0 + 38.0° / 140.0 + 92.0°
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

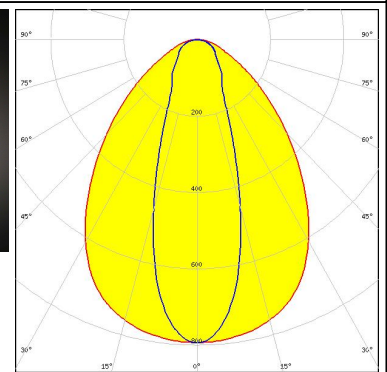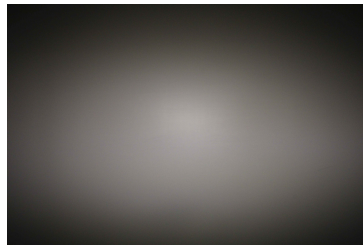
PHILIPS

|	
LED	Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM / FWTM	93.0 + 40.0° / 140.0 + 85.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHILIPS

LED	Fortimo LED Strip 1ft 650lm FC HV5 & LV5
FWHM / FWTM	85.0 + 33.0° / 136.0 + 90.0°
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SAMSUNG

LED	LM561B Plus
FWHM / FWTM	88.0 + 37.0° / 137.0 + 83.0°
Efficiency	82 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
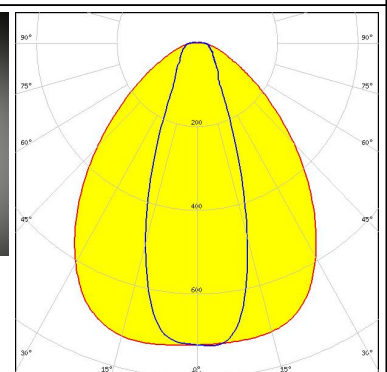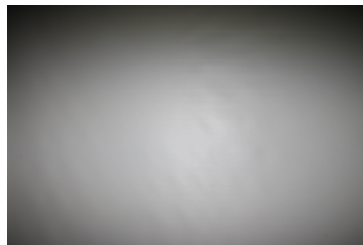
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LT-H282C
FWHM / FWTM	88.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
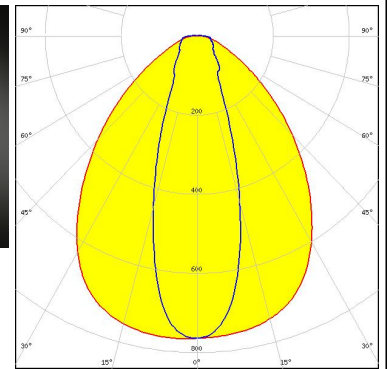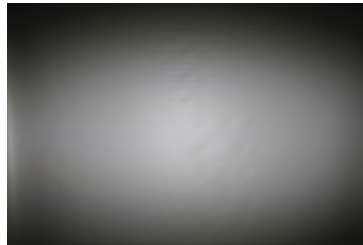
SAMSUNG

LED	LT-H562C
FWHM / FWTM	88.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
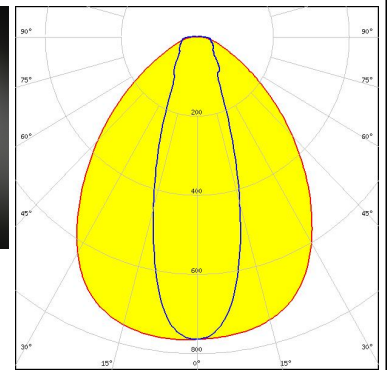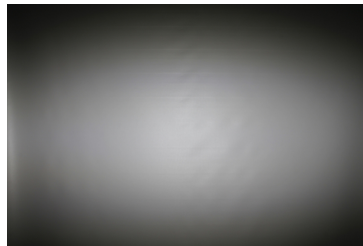
SAMSUNG

LED	LT-Q282B
FWHM / FWTM	86.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
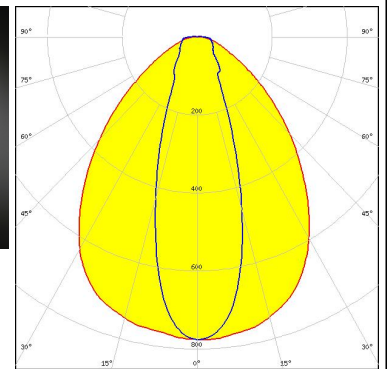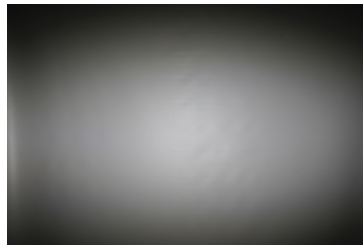
SAMSUNG

LED	LT-S282H
FWHM / FWTM	87.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
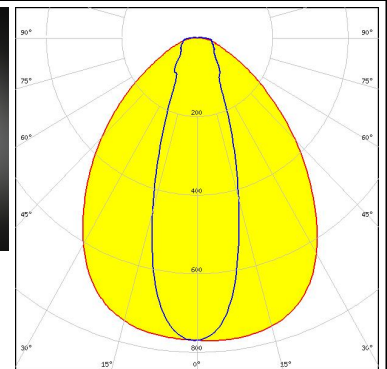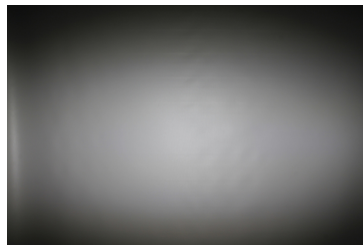
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LT-S562H
FWHM / FWTM	87.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
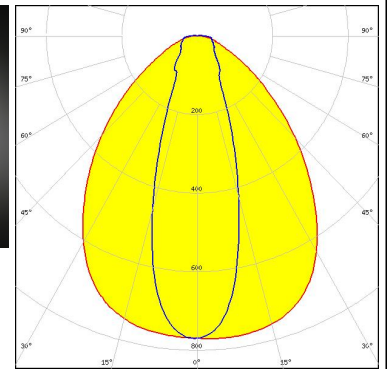
SAMSUNG

LED	LT-V282E
FWHM / FWTM	87.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
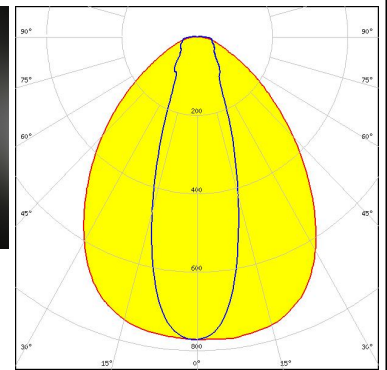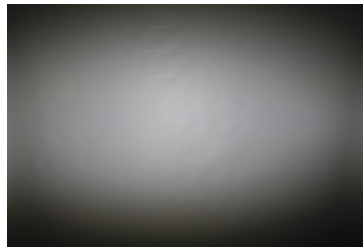
SAMSUNG

LED	LT-V562E
FWHM / FWTM	87.0 + 33.0° / 136.0 + 84.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
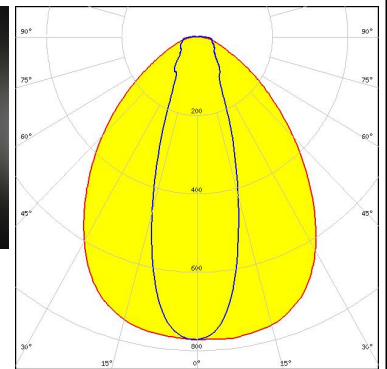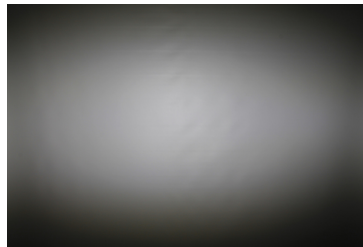
SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030
FWHM / FWTM	89.0 + 37.0° / 138.0 + 87.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
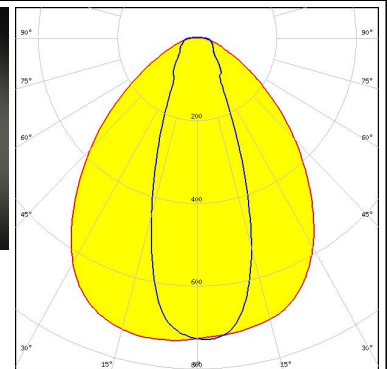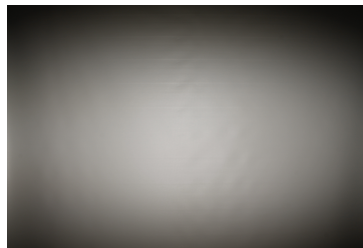
OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	LLE G4 24x280mm 1250lm
FWHM / FWTM	89.0 + 38.0° / 138.0 + 86.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
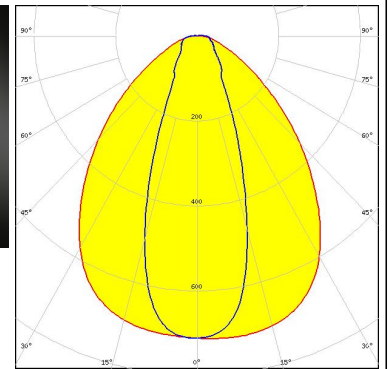
TRIDONIC

LED	LLE G4 24x280mm 2000lm ADV
FWHM / FWTM	88.0 + 40.0° / 139.0 + 88.0°
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
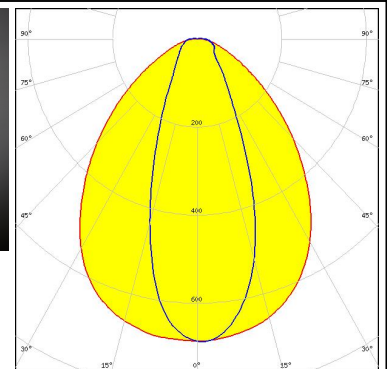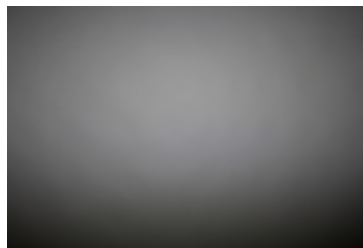
TRIDONIC

LED	LLE G4 24x280mm 650lm
FWHM / FWTM	90.0 + 39.0° / 138.0 + 87.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	