STELLA-FRESNEL

~25° beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs.
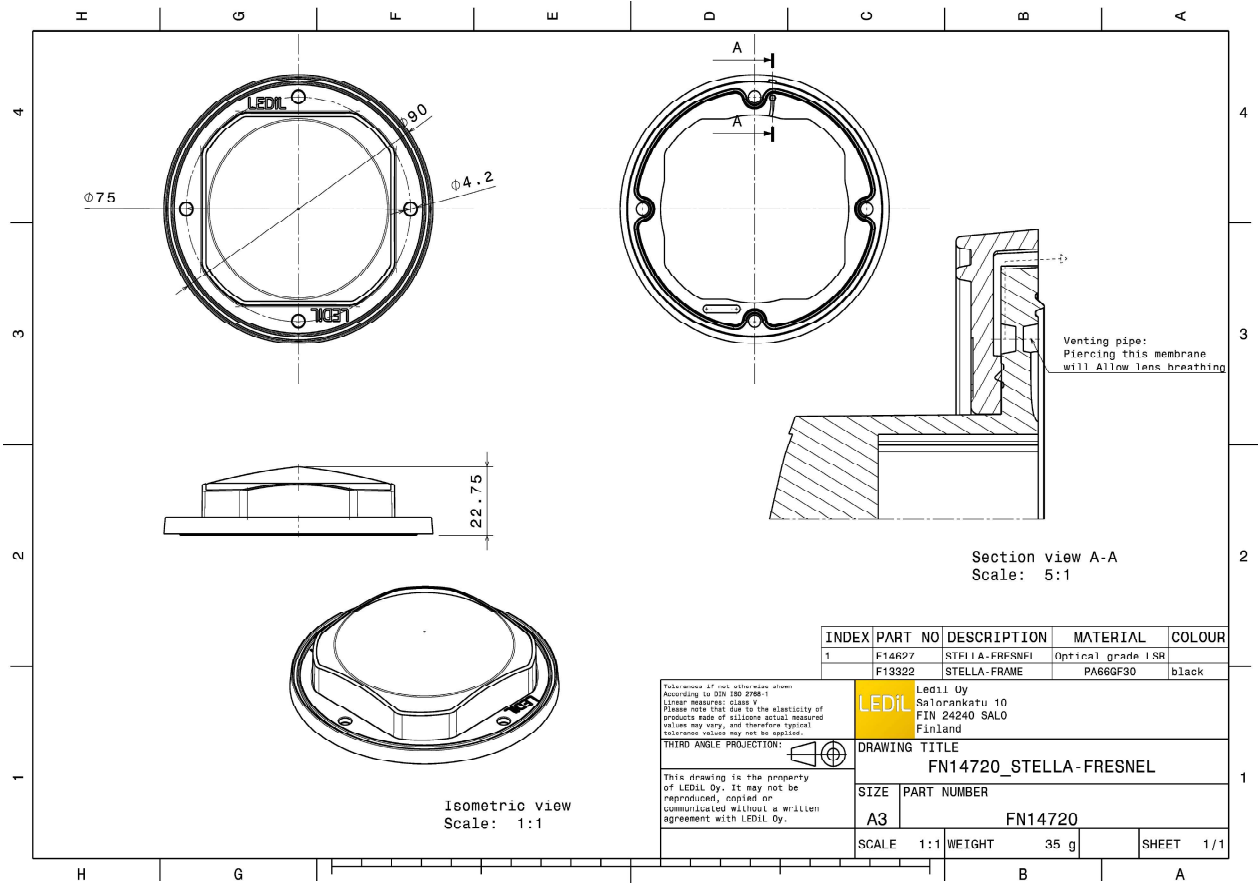
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	23 mm
Fastening	screw
Colour	black
Box size	480 x 280 x 300 mm
Box weight	4 kg
Quantity in Box	80 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STELLA-FRESNEL	Single lens	Silicone	clear
STELLA-FRAME	Holder	PA66	black

φ90
φ75
φ4.2

A
A

Venting pipe:
Piercing this membrane
will Allow lens breathing

22.75

Section view A-A
Scale: 5:1

Isometric view
Scale: 1:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14627	STELLA-FRESNEL	Optical grade LSR	
	F13322	STELLA-FRAME	PA66GF30	black

Tolerances if not otherwise shown:
According to DIN ISO 2768-1
Linear measures: class V
Please note that due to the elasticity of
products made of silicone actual measured
values may vary, and therefore typical
tolerance values may not be applied.

THIRD ANGLE PROJECTION:

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Finland

DRAWING TITLE
FN14720_STELLA-FRESNEL

SIZE	PART NUMBER
A3	FN14720

| SCALE | 1:1 | WEIGHT | 35 g | SHEET | 1/1 |

PHOTOMETRIC DATA (MEASURED):

CREE

LED	CMA3090
FWHM	35.0°
Efficiency	88 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
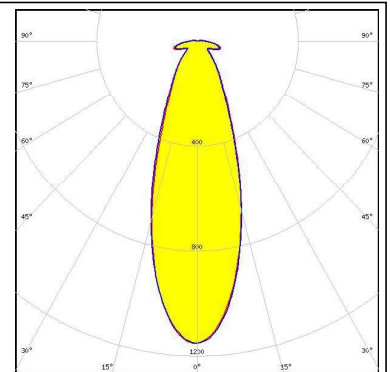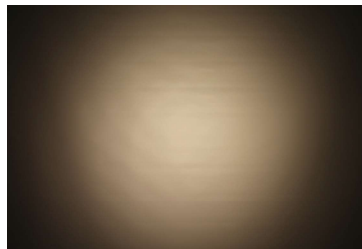
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	24.0°
Efficiency	84 %
Peak intensity	1.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
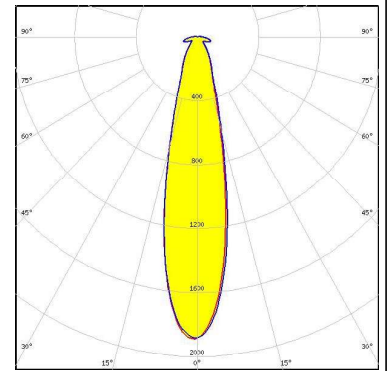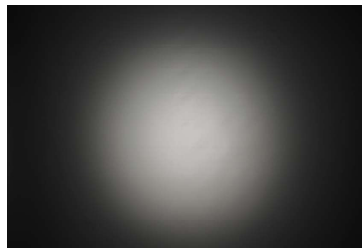
LED	CXA/B 1830
FWHM	26.0°
Efficiency	85 %
Peak intensity	1.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C14305_STELLA-CLAMP-CXA15-18	

CREE
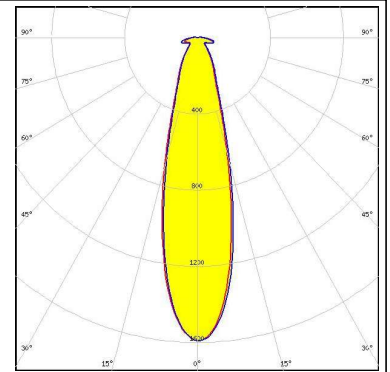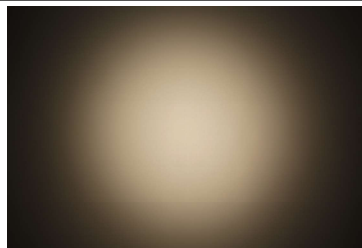
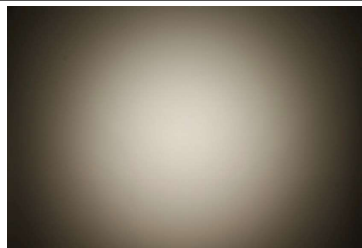|	
LED	CXA/B 25xx
FWHM	32.0°
Efficiency	85 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 439 Typ L3	

PHOTOMETRIC DATA (MEASURED):

CREE
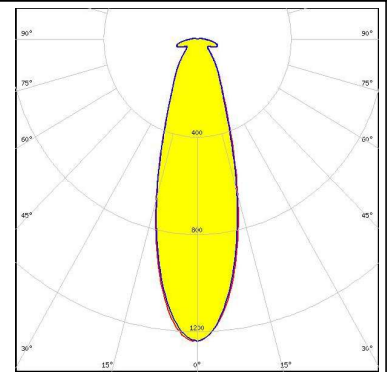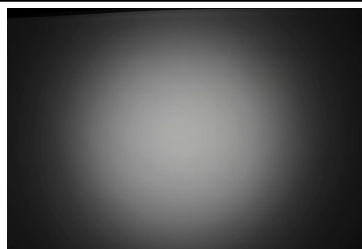
LED	CXA/B 25xx
FWHM	33.0°
Efficiency	84 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
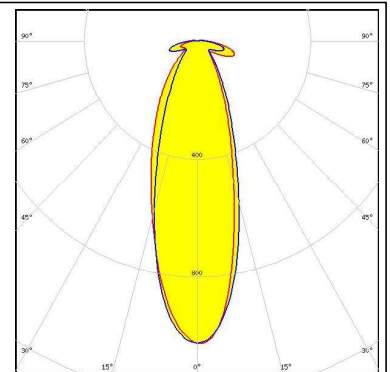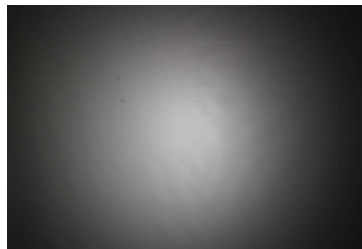
LED	CXA/B 25xx
FWHM	31.0°
Efficiency	86 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
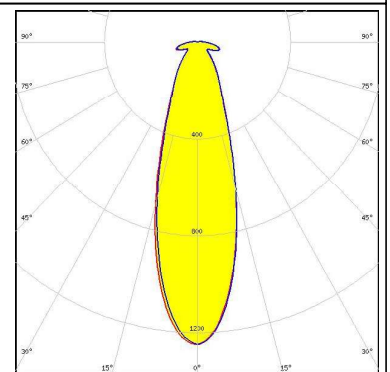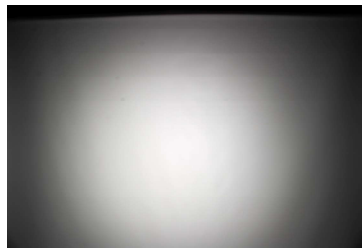
LED	CXA/B 30xx
FWHM	37.0°
Efficiency	88 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2151	

LUMILEDS
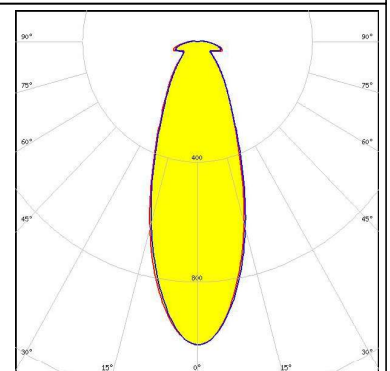
LED	LUXEON CoB 1211
FWHM	33.0°
Efficiency	85 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 431 Typ L3	