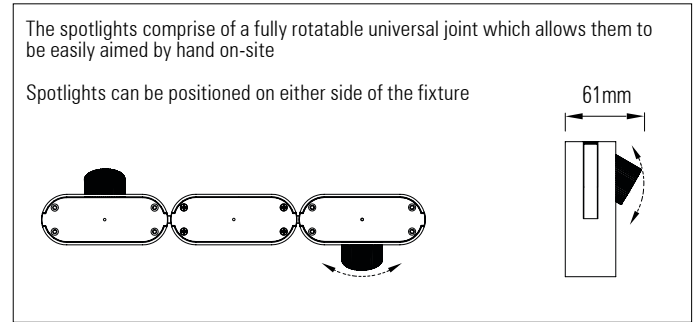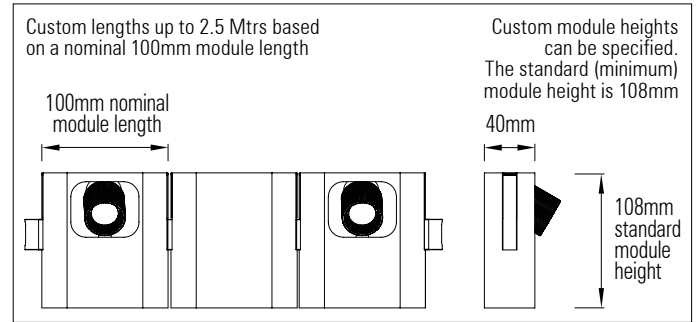# RADIANT
ARCHITECTURAL LIGHTING

Centura 40 IP20

Flexible modular LED linear pendant lighting system with integral aimable spotlights
Down light - 2 or 4 x high power LEDs with lenses per module
Accent light - 1 x 3 Watt Micro Spotlight with lensed LED per every other module

Custom lengths up to 2.5 Mtrs based on a nominal 100mm module length

Custom module heights can be specified. The standard (minimum) module height is 108mm

100mm nominal module length

40mm

108mm standard module height

The spotlights comprise of a fully rotatable universal joint which allows them to be easily aimed by hand on-site

Spotlights can be positioned on either side of the fixture

61mm

Down light - 2 or 4 x high power LEDs with lenses per module
Accent light - 1 x 3W Micro Spotlight with lensed LED (every other module)

Product description:
Centura has an articulated linkage-joint system between modules allowing for flexibility along the major axis. This innovative modular design offers the flexibility to follow curved surfaces, encircle columns and domes, and to make irregular shaped pendants, all whilst offering excellent lighting control and uniformity. This versatility offers the ability for use in a wide range of application areas including architectural, hospitality, leisure and retail

Down light - 2 or 4 x Cree XPE, XPG or XQE LEDs or Osram Oslon LEDs with Ledil Tina2 lenses per module

Accent light - 1 x fully rotatable 3 Watt spotlight comprising of a Cree XP-E, XB-D or XQ-E LED with Ledil Heidi lens (per every other module)

30 Volt - 48 Volt DC supply depending on application

Integral LV constant current drivers

Dimming options available: 1 - 10V, DMX and DALI

Various LED colour temperature and CRI options available

Decorative anti-glare louvred snoots available with custom powder coat or anodized finishes to order. The interior louvre finish can be different from the outer body finish
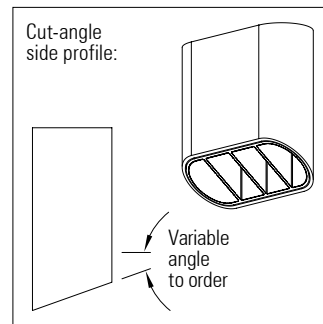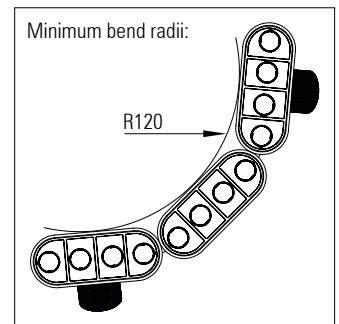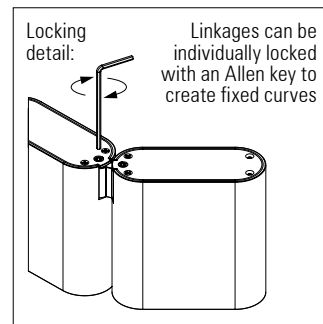
Body - Satin black, satin white or any RAL powder coat or anodized finish

Louvre - Black (low glare) or any RAL powder coat or anodized finish

Custom lengths based on a 100 mm module up to 2.5 Mtrs

Rod or cable suspension options. Custom solutions are also available

* RGB, RGBW, RGBA and Dynamic-white options do not use a colour mixing lens

Locking detail:

Linkages can be individually locked with an Allen key to create fixed curves

Minimum bend radii:

R120

Cut-angle side profile:

Variable angle to order

Down light:
Up to 3,500 Lumens per Mtr

Accent light:
Up to 300 Lumens per spotlight

Product Code	No. of LEDs per mtr.	IP	Length (mm)	LED Type	CRI	Colour Temp. (K)	Optics	Mounting Type	Cut angle(°)	Finish
RAD CENTURA 40 FLEXIBLE DOWN & ACCENT IP20	Down light: 4 x LEDs per module: 25mm pitch 2 x LEDs per module: 50mm pitch	20	100mm to 2,500mm Available in 100mm increments	Down light: Cree XP-E, XP-G, XQ-E or Osram Oslon	Down light: Cree: 80, 90 Osram: 95	27=2,700k 30=3,000k 35=3,500k 40=4,000k 45=4,500k 50=5,000k * RGB * RGBW * RGBA * Dynamic white	Down light: Ledil Tina2: N, M, W, E,	Steel Cable Fixed rod Surface mount	0° - 75° Available in 5 degree increments	Body: Any powder coat or anodized finish
	Accent light: 1 x spotlight per every other module: 200mm pitch			Accent light: Cree XP-E, XP-G, XQ-E	Accent light: Cree: 80, 90		Accent light: Ledil Heidi: N, M, W, E, (See attached Ledil data sheets)			Louvre: Any powder coat or anodized finish

Centura 40 IP20

Flexible modular LED linear pendant lighting system with integral aimable spotlights
Down light - 2 or 4 x high power LEDs with lenses per module
Accent light - 1 x 3 Watt Micro Spotlight with lensed LED per every other module

Cable:

Custom length to order

130mm (when the module height is 108mm)

Rod:

Custom length to order

Surface mount:

(Plan view)

Screw fixing holes

111mm (when the module height is 108mm)
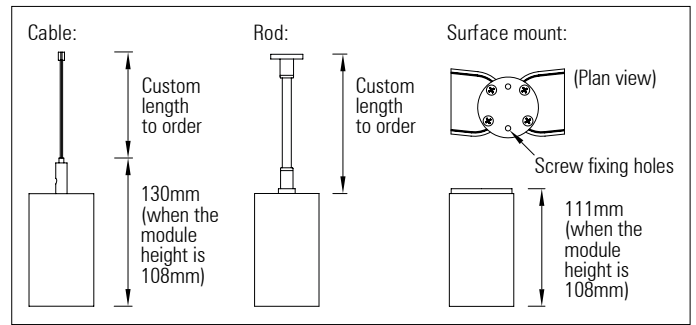
TINA2-RS

~14° spot beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-RS	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	11.0°
Efficiency	90 %
Peak intensity	17.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
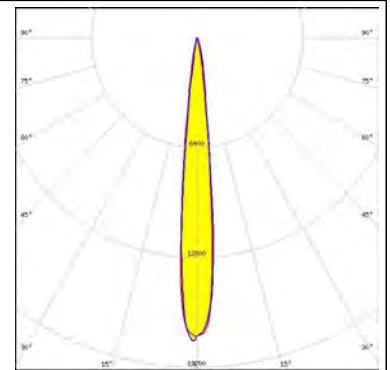
CREE

LED	XP-E2
FWHM	11.0°
Efficiency	89 %
Peak intensity	16.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
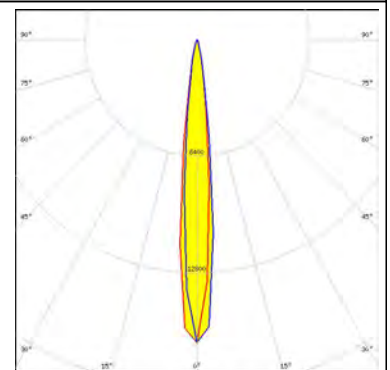
CREE

LED	XP-G
FWHM	15.0°
Efficiency	93 %
Peak intensity	9.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
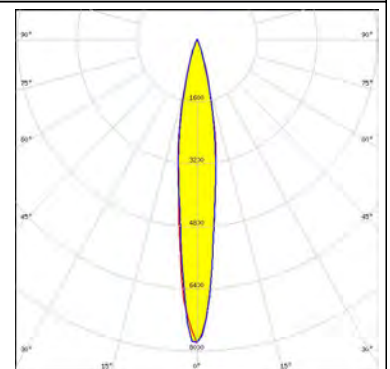
CREE

LED	XP-G2
FWHM	15.0°
Efficiency	91 %
Peak intensity	10.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
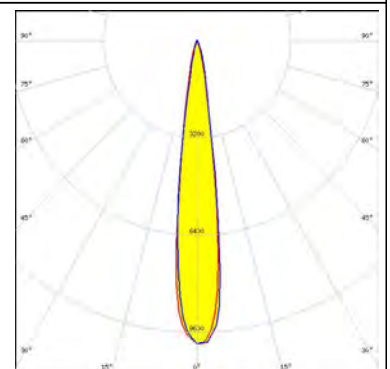
TINA2-M

~30° medium beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-M	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	31.0°
Efficiency	89 %
Peak intensity	2.560 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
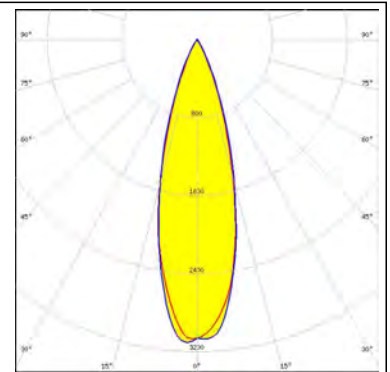
CREE

LED	XP-E-HEW
FWHM	30.0°
Efficiency	%
Peak intensity	2.290 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
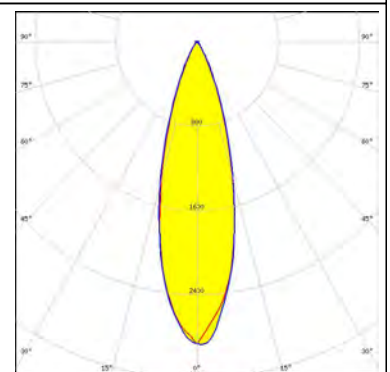
CREE

LED	XP-E2
FWHM	32.0°
Efficiency	86 %
Peak intensity	3.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
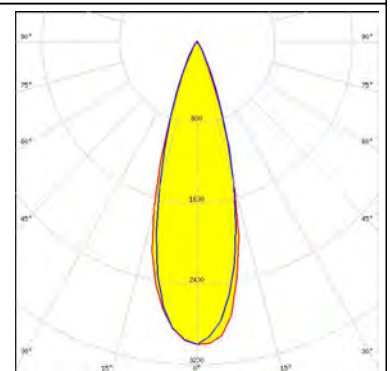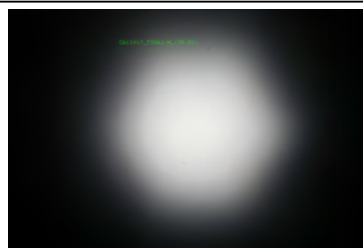
CREE

LED	XP-G
FWHM	30.0°
Efficiency	88 %
Peak intensity	2.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

CREE
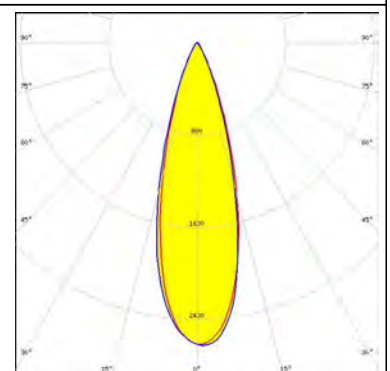
LED	XP-G2
FWHM	26.0°
Efficiency	84 %
Peak intensity	3.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
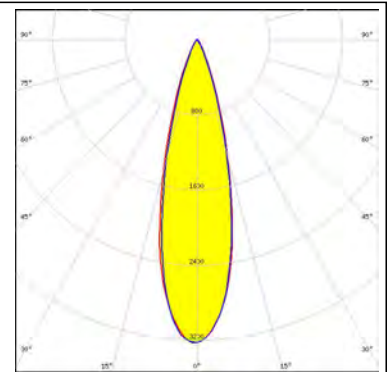
LED	XT-E
FWHM	31.0°
Efficiency	81 %
Peak intensity	2.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LG Innotek
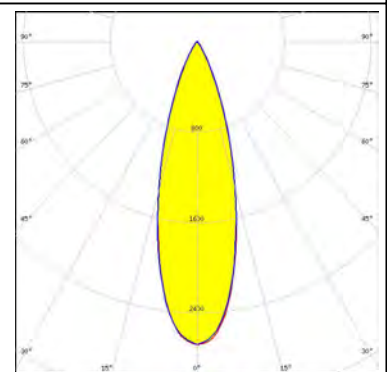
LED	H35B0 (LEMWA32)
FWHM	30.0°
Efficiency	86 %
Peak intensity	2.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LG Innotek
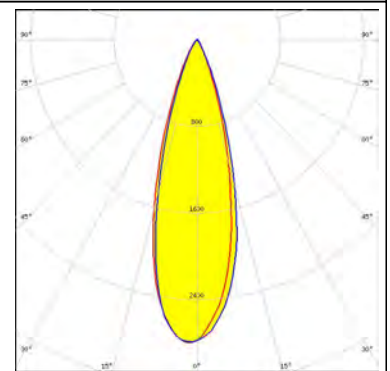
LED	H35C0 (LEMWA33)
FWHM	30.0°
Efficiency	85 %
Peak intensity	2.550 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
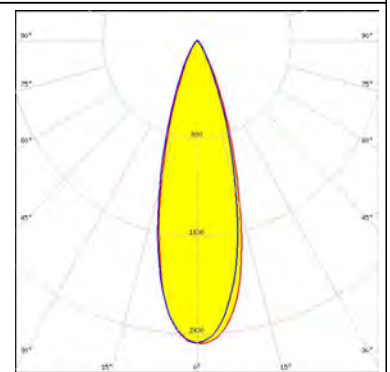
TINA2-W

~45° wide beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.7 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-W-XP	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	50.0°
Efficiency	88 %
Peak intensity	1.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
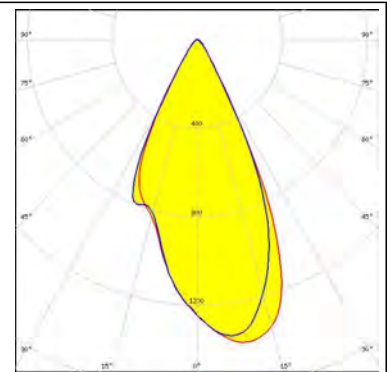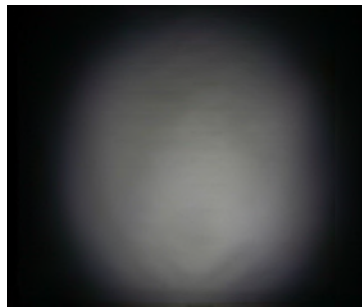
CREE

LED	XP-E2
FWHM	52.0°
Efficiency	89 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
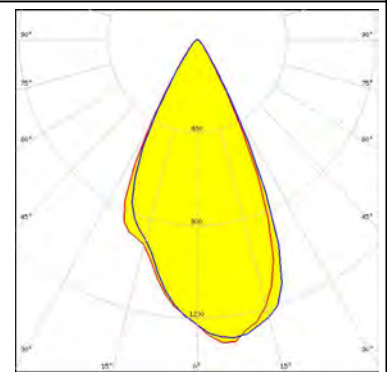
CREE

LED	XP-G
FWHM	57.0°
Efficiency	88 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
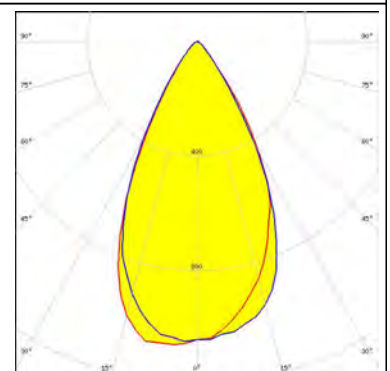
CREE

LED	XP-G2
FWHM	54.0°
Efficiency	88 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
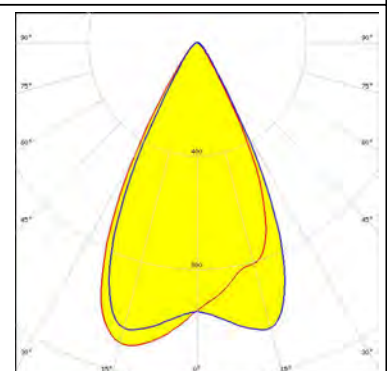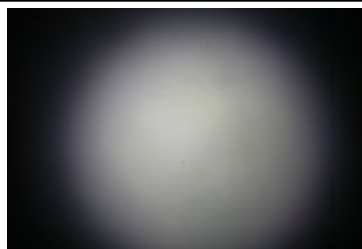
TINA2-O

~35° + 15° oval beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:	
Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.3 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-O	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	32.0 + 14.0°
Efficiency	87 %
Peak intensity	4.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
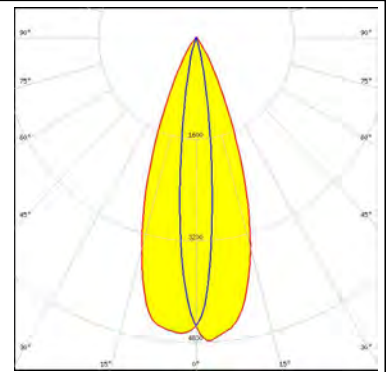
CREE

LED	XP-E-HEW
FWHM	34.0 + 16.0°
Efficiency	%
Peak intensity	3.360 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
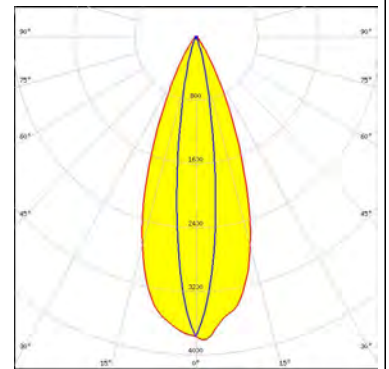
CREE

LED	XP-E2
FWHM	34.0 + 14.0°
Efficiency	86 %
Peak intensity	5.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
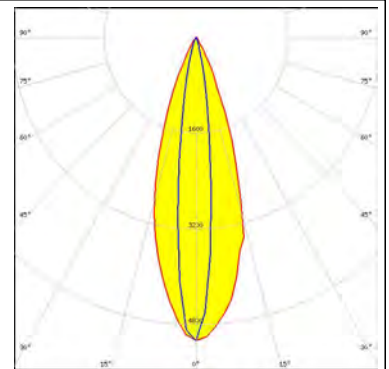
CREE

LED	XP-G
FWHM	35.0 + 16.0°
Efficiency	87 %
Peak intensity	3.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

CREE
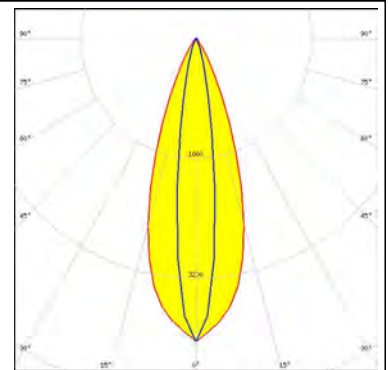
LED	XP-G2
FWHM	34.0 + 16.0°
Efficiency	87 %
Peak intensity	4.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
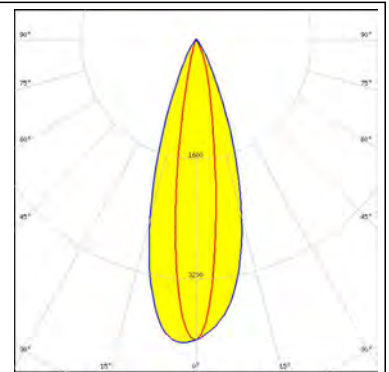
LED	XT-E
FWHM	35.0 + 16.0°
Efficiency	85 %
Peak intensity	3.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LG Innotek
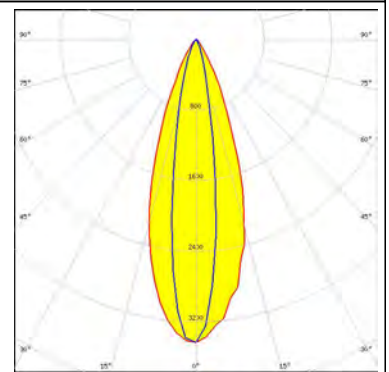
LED	H35B0 (LEMWA32)
FWHM	35.0 + 15.0°
Efficiency	86 %
Peak intensity	4.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LG Innotek
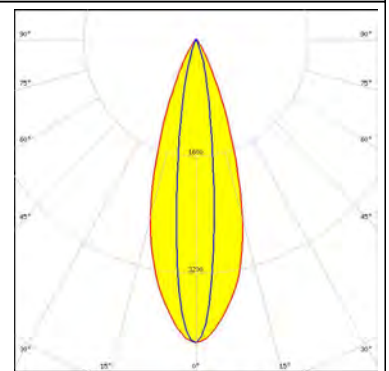
LED	H35C0 (LEMWA33)
FWHM	33.0 + 17.0°
Efficiency	86 %
Peak intensity	3.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
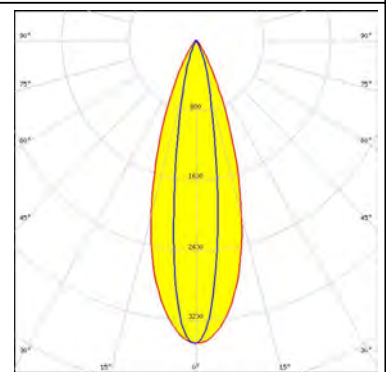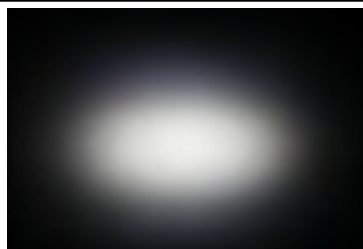
TINA2-D

~16° diffused spot beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.8 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-D	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	12.0°
Efficiency	91 %
Peak intensity	10.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
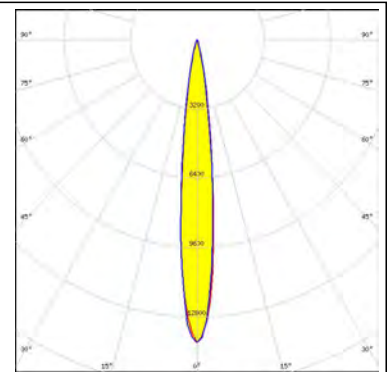
CREE

LED	XP-E2
FWHM	13.0°
Efficiency	86 %
Peak intensity	11.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
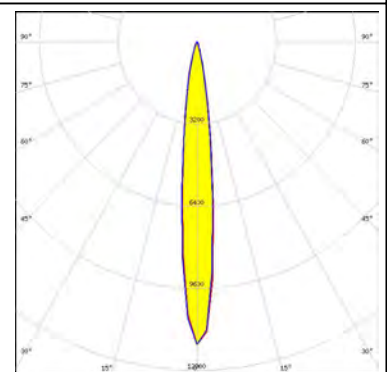
CREE

LED	XP-G
FWHM	17.0°
Efficiency	91 %
Peak intensity	5.520 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
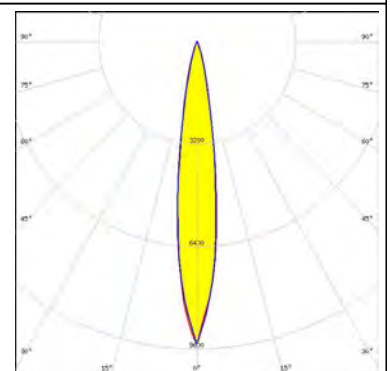
CREE

LED	XP-G2
FWHM	15.0°
Efficiency	90 %
Peak intensity	8.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
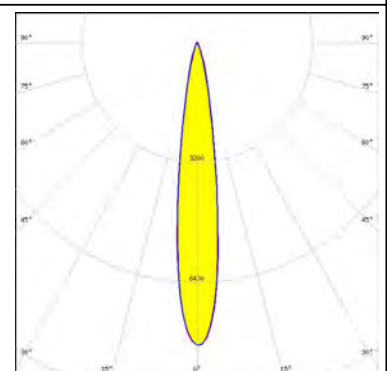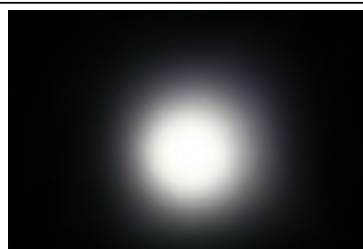
HEIDI-W

~32° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	pin, tape
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.8 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-W	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XB-D
FWHM	30.0°
Efficiency	88 %
Peak intensity	2.560 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XB-H
FWHM	33.0°
Efficiency	88 %
Peak intensity	2.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-E
FWHM	32.0°
Efficiency	92 %
Peak intensity	2.680 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
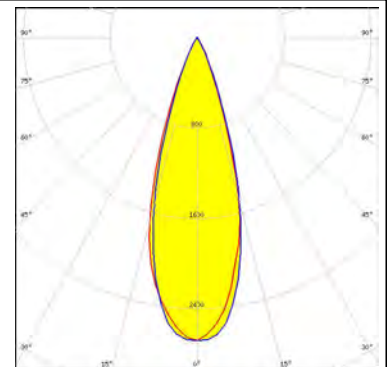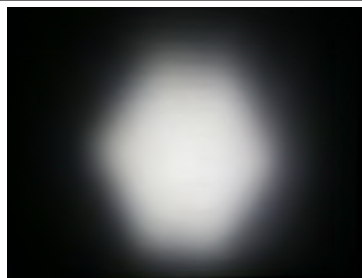
CREE

LED	XP-E2
FWHM	33.0°
Efficiency	89 %
Peak intensity	2.950 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
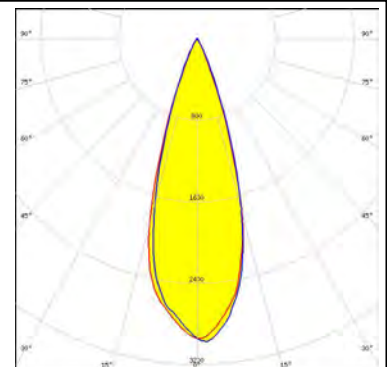
PHOTOMETRIC DATA (MEASURED):

CREE ⇕

LED	XP-G
FWHM	31.0°
Efficiency	92 %
Peak intensity	2.460 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
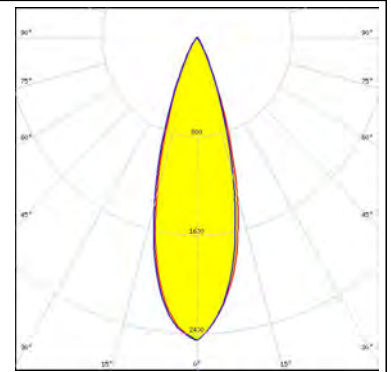
CREE ⇕

LED	XQ-E HD
FWHM	29.0°
Efficiency	94 %
Peak intensity	3.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
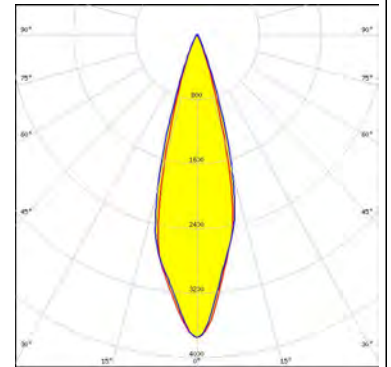
CREE ⇕

LED	XQ-E HI
FWHM	34.0°
Efficiency	93 %
Peak intensity	2.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
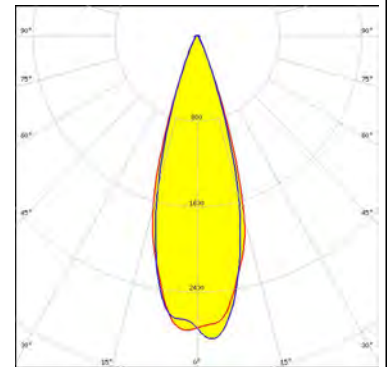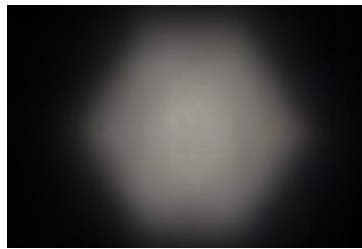
LUMILEDS

LED	LUXEON C
FWHM	31.0°
Efficiency	88 %
Peak intensity	3.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
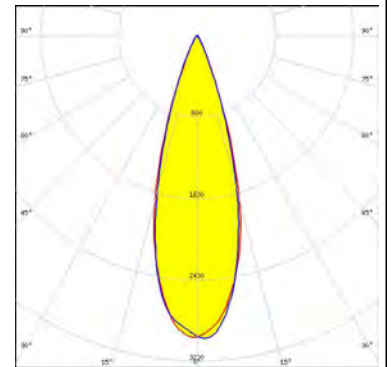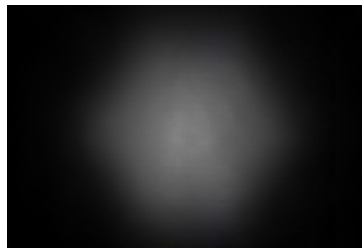
HEIDI-M-NP

~25° medium beam. Version without location pins.

Dimensions	Ø 21.6 mm
Height	11.6 mm
Fastening	glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.6 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

Component	Type	Material	Colour
HEIDI-M-NP	Single lens	PMMA	clear

PHOTOMETRIC DATA (SIMULATED):

CREE⇕

LED	ML-E
FWHM	28.0°
Efficiency	92 %
Peak intensity	3.540 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE⇕

LED	XB-D
FWHM	28.0°
Efficiency	89 %
Peak intensity	3.589 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE⇕

LED	XM-L
FWHM	26.0°
Efficiency	91 %
Peak intensity	3.103 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE⇕

LED	XP-E
FWHM	28.0°
Efficiency	93 %
Peak intensity	3.972 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-E2
FWHM	29.0°
Efficiency	93 %
Peak intensity	3.809 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G2
FWHM	29.0°
Efficiency	92 %
Peak intensity	3.478 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XT-E
FWHM	28.0°
Efficiency	90 %
Peak intensity	3.544 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LG Innotek

LED	H35C0 (LEMWA33)
FWHM	28.0°
Efficiency	90 %
Peak intensity	3.555 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

HEIDI-O-90

~13° x 45° oval beam optimized for Cree XP-G and XP-E. Variant with beam direction rotated 90°.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	12.1 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.4 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-O-90	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE ⇕

LED	XB-D
FWHM	12.0 + 49.0°
Efficiency	87 %
Peak intensity	3.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
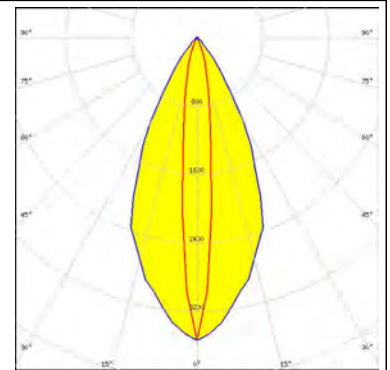
CREE ⇕

LED	XB-H
FWHM	11.0 + 52.0°
Efficiency	80 %
Peak intensity	3.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
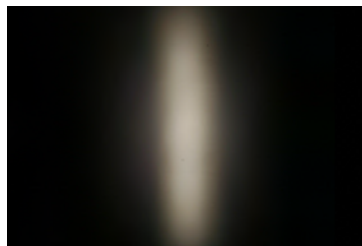
CREE ⇕

LED	XD16
FWHM	11.0 + 52.0°
Efficiency	88 %
Peak intensity	3.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
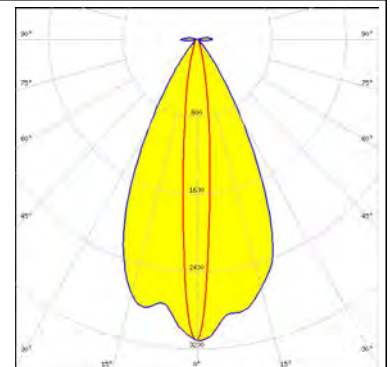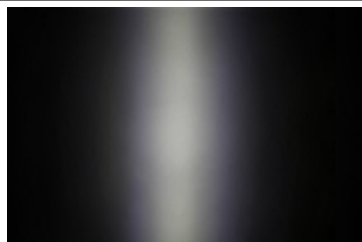
CREE ⇕

LED	XP-E
FWHM	9.0 + 50.0°
Efficiency	87 %
Peak intensity	4.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
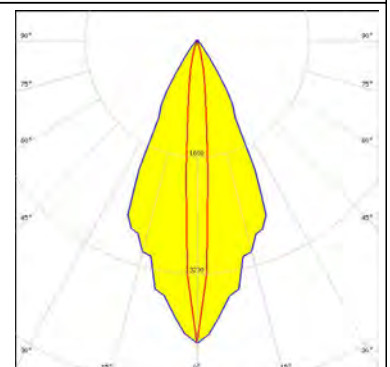
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E2
FWHM	9.0 + 55.0°
Efficiency	84 %
Peak intensity	4.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
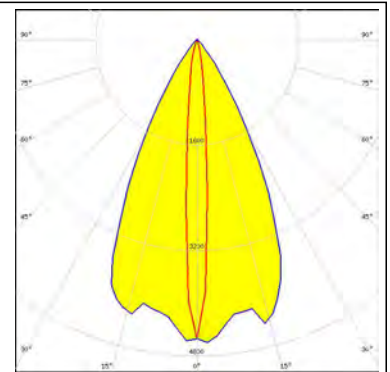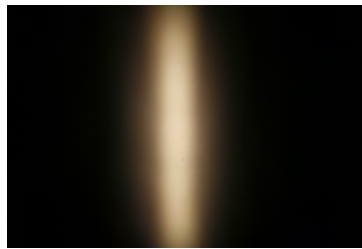
CREE

LED	XP-G
FWHM	14.0 + 44.0°
Efficiency	87 %
Peak intensity	3.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
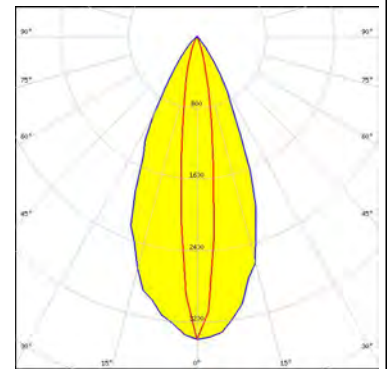
CREE

LED	XQ-E HD
FWHM	7.0 + 56.0°
Efficiency	94 %
Peak intensity	4.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
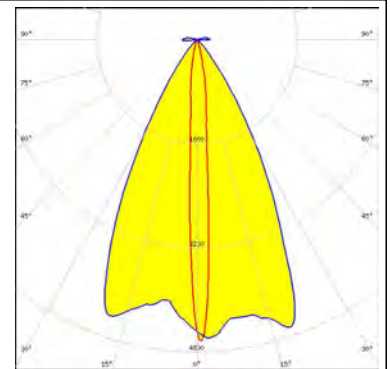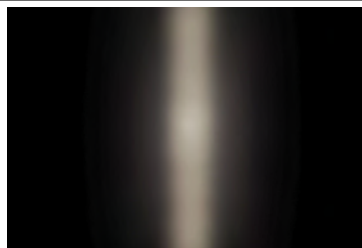
CREE

LED	XQ-E HI
FWHM	6.0 + 57.0°
Efficiency	94 %
Peak intensity	5.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
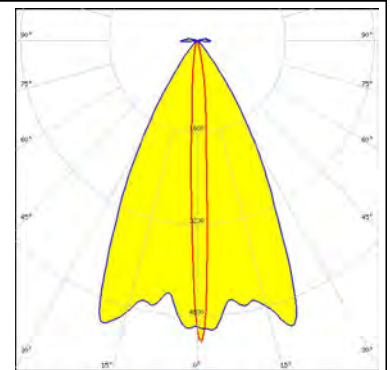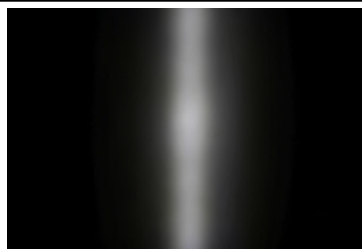
HEIDI-D

~10° diffused spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.6 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-D	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XB-D
FWHM	10.0°
Efficiency	90 %
Peak intensity	12.550 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XB-H
FWHM	11.0°
Efficiency	87 %
Peak intensity	12.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XD16
FWHM	10.0°
Efficiency	93 %
Peak intensity	14.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
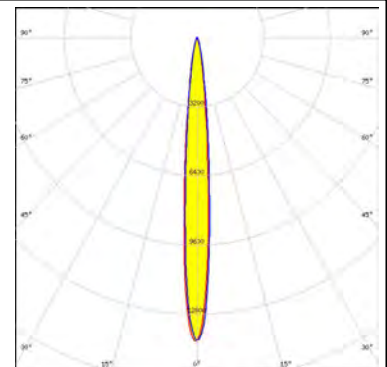
CREE

LED	XP-E
FWHM	9.0°
Efficiency	93 %
Peak intensity	22.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E2
FWHM	10.0°
Efficiency	88 %
Peak intensity	17.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
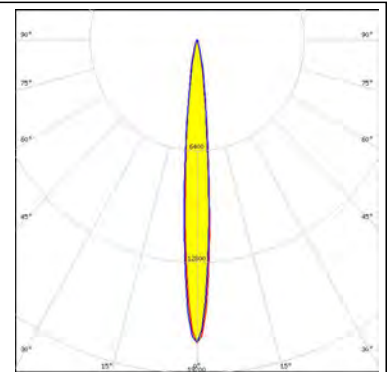
CREE

LED	XP-G
FWHM	12.0°
Efficiency	93 %
Peak intensity	14.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
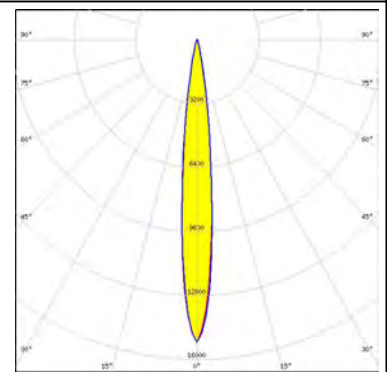
CREE

LED	XP-G2
FWHM	11.0°
Efficiency	88 %
Peak intensity	15.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
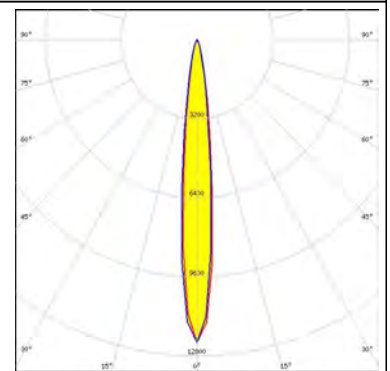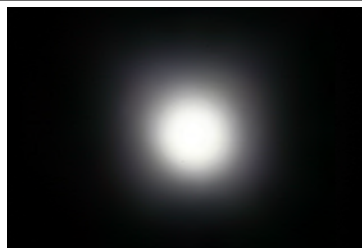
CREE

LED	XQ-E HD
FWHM	10.0°
Efficiency	94 %
Peak intensity	14.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
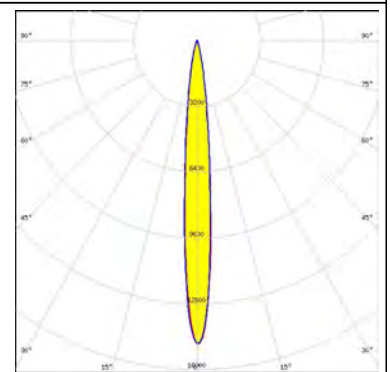
HEIDI-O

~50° x 11° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.7 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-O	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE ⇕

LED	XB-D
FWHM	54.0 + 10.0°
Efficiency	87 %
Peak intensity	3.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
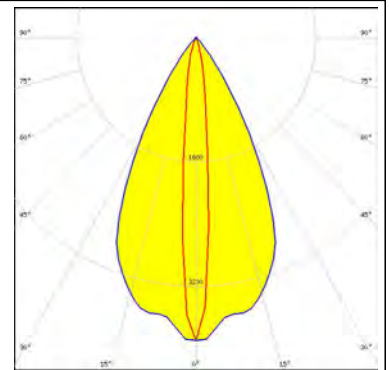
CREE ⇕

LED	XB-H
FWHM	53.0 + 11.0°
Efficiency	83 %
Peak intensity	3.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE ⇕

LED	XD16
FWHM	52.0 + 10.0°
Efficiency	89 %
Peak intensity	3.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
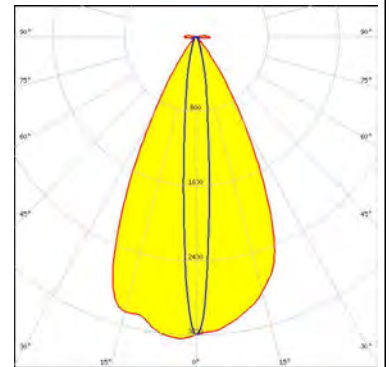
CREE ⇕

LED	XP-E
FWHM	48.0 + 10.0°
Efficiency	87 %
Peak intensity	4.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
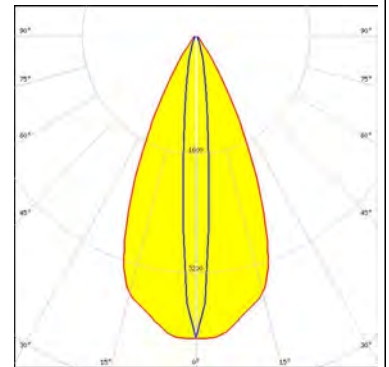
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E2
FWHM	54.0 + 9.0°
Efficiency	85 %
Peak intensity	4.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
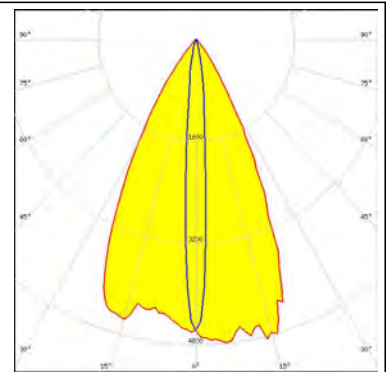
CREE

LED	XP-G
FWHM	47.0 + 14.0°
Efficiency	87 %
Peak intensity	3.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
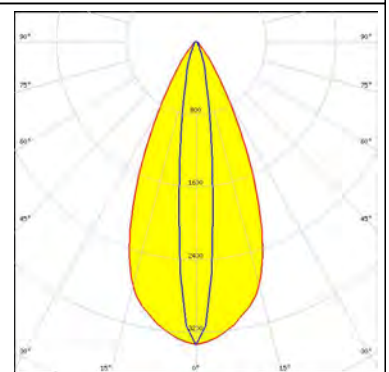
CREE

LED	XP-G2
FWHM	52.0 + 11.0°
Efficiency	91 %
Peak intensity	3.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
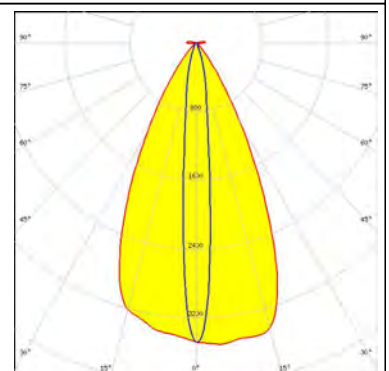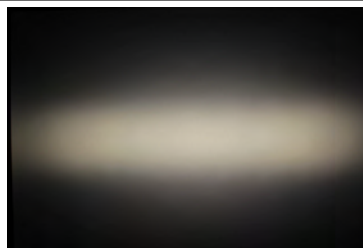
CREE

LED	XP-G3
FWHM	51.0 + 13.0°
Efficiency	91 %
Peak intensity	3.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
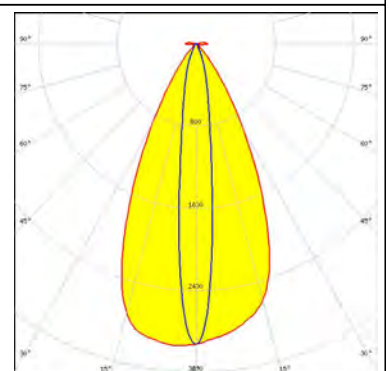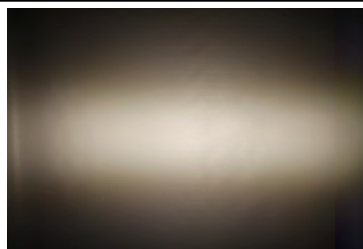
HEIDI-RS

~8° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.4 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-RS	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE
LED	XB-D
FWHM	8.0°
Efficiency	91 %
Peak intensity	19.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
LED	XB-H
FWHM	10.0°
Efficiency	90 %
Peak intensity	18.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
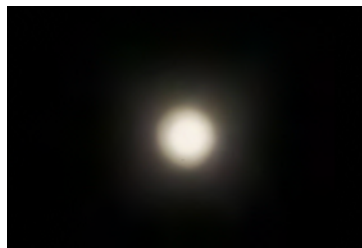
CREE
LED	XP-E
FWHM	8.0°
Efficiency	93 %
Peak intensity	26.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
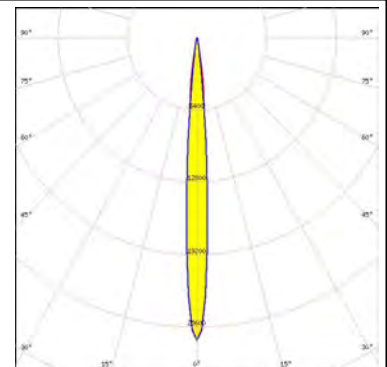
CREE
LED	XP-E2
FWHM	8.0°
Efficiency	90 %
Peak intensity	38.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
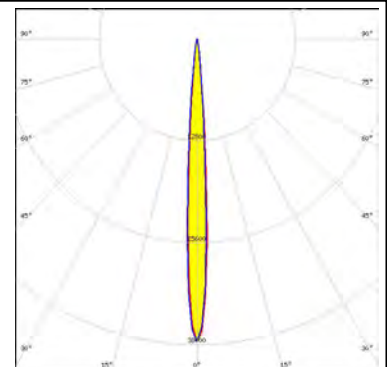
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-G
FWHM	9.0°
Efficiency	93 %
Peak intensity	16.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G2
FWHM	11.0°
Efficiency	91 %
Peak intensity	19.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
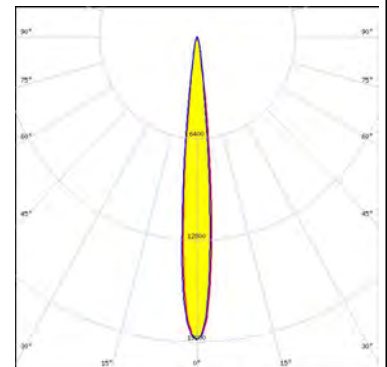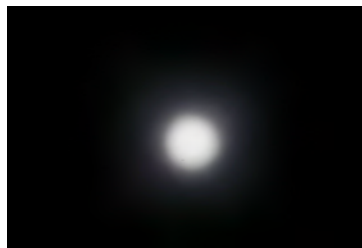
CREE

LED	XQ-E HD
FWHM	6.0°
Efficiency	94 %
Peak intensity	42.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
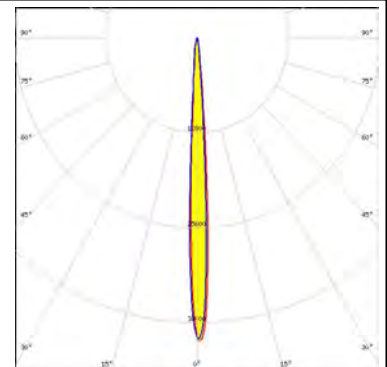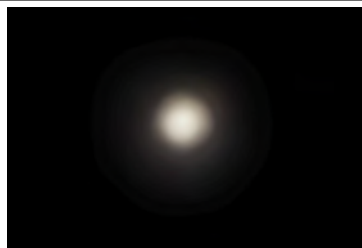
CREE

LED	XQ-E HI
FWHM	5.0°
Efficiency	94 %
Peak intensity	55.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
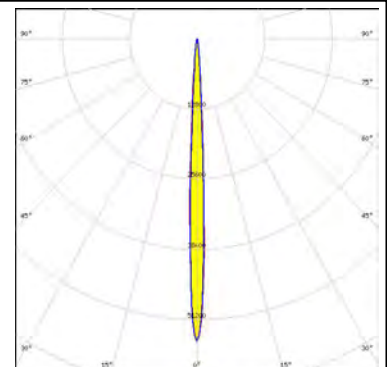
HEIDI-W2

~45° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	12 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.1 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-W2	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black

PHOTOMETRIC DATA (MEASURED):

CREE
LED	XB-D
FWHM	46.0°
Efficiency	76 %
Peak intensity	1.020 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE
LED	XB-H
FWHM	45.0°
Efficiency	80 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
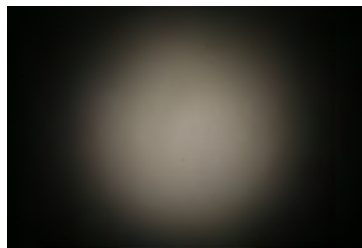
CREE
LED	XHP35 HD
FWHM	46.0°
Efficiency	81 %
Peak intensity	1.270 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
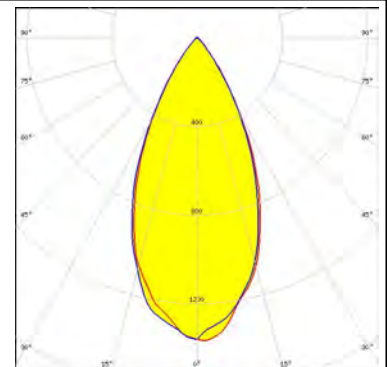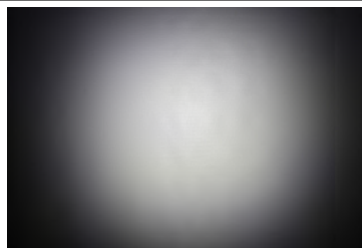
CREE
LED	XHP35 HI
FWHM	44.0°
Efficiency	91 %
Peak intensity	1.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
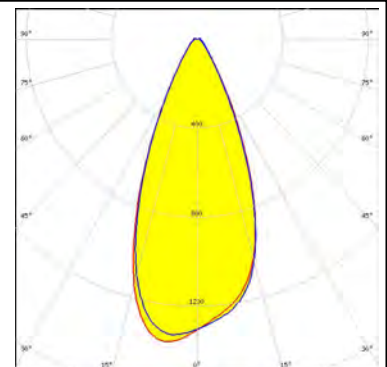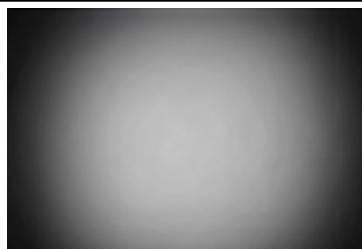
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E
FWHM	44.0°
Efficiency	81 %
Peak intensity	1.130 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-E2
FWHM	45.0°
Efficiency	81 %
Peak intensity	1.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
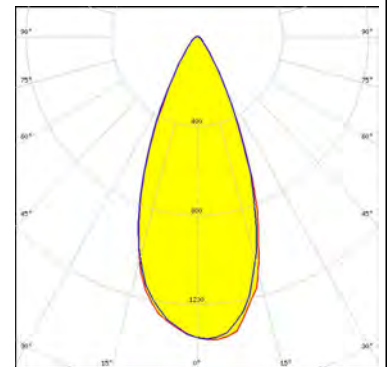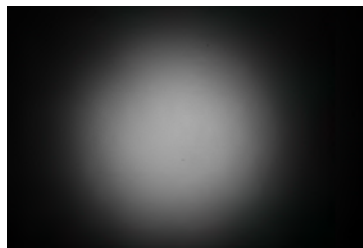
CREE

LED	XP-G
FWHM	44.0°
Efficiency	81 %
Peak intensity	1.110 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G2
FWHM	46.0°
Efficiency	80 %
Peak intensity	1.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	