

SEANNA-A

~2.3° spot beam. Assembly with holder.

SPECIFICATION:

Dimensions Ø 155.2 mm
Height 82 mm
Fastening pin, screw
ROHS compliant yes ①



MATERIALS:

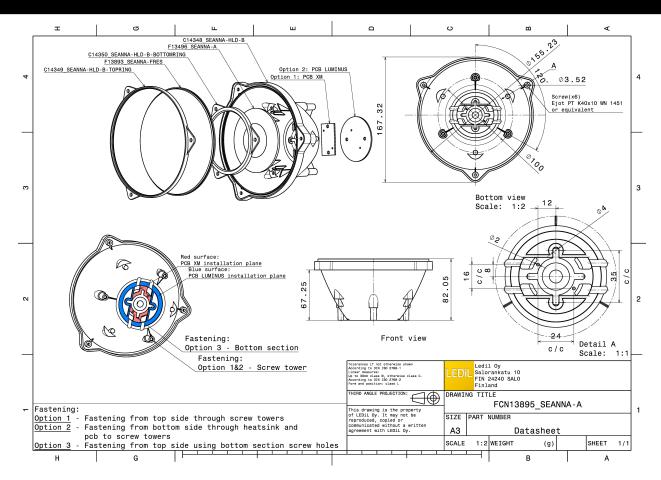
Component	Туре	Material	Colour	Finish
SEANNA-FRES	Single lens	PMMA	clear	
SEANNA-A	Single lens	PMMA	clear	
SEANNA-HLD-B-BOTTOMRING	Holder	PA66GF30	black	
SEANNA-HLD-B-TOPRING	Holder	PA66GF30	black	
SEANNA-HLD-B	Holder	PA66GF30	black	
SEANNA-SCREW	Accessory	Stainless steel	clear	

ORDERING INFORMATION:

Component	Qty	in box MOQ	MPQ	Box weight (kg)
FCP13895_SEANNA-A » Box size:	Single lens	20	2	6.5



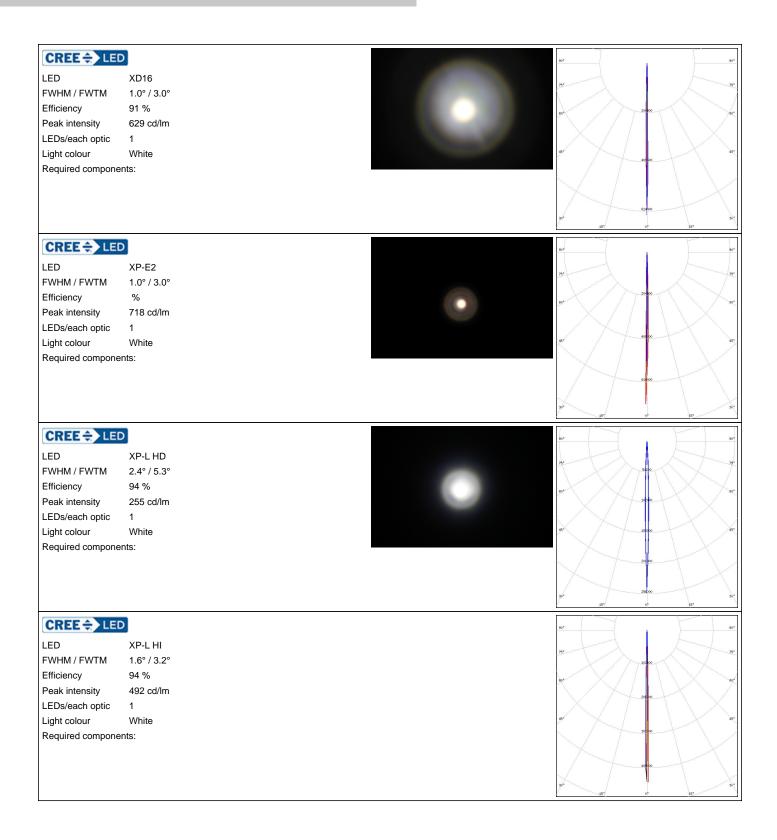
PRODUCT DATASHEET FCP13895_SEANNA-A



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

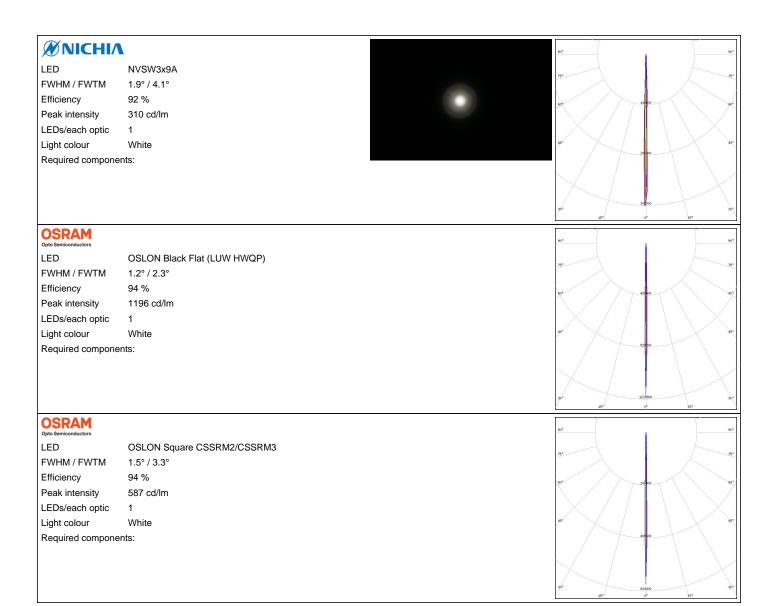


OPTICAL RESULTS (MEASURED):





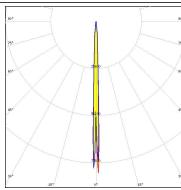
OPTICAL RESULTS (MEASURED):





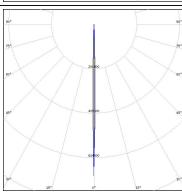
CREE 1 LED

LED MK-R
FWHM / FWTM 4.0° / 10.4°
Efficiency 91 %
Peak intensity 82 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE & LED

LED XB-D
FWHM / FWTM 1.3° / 3.2°
Efficiency 87 %
Peak intensity 698 cd/lm
LEDs/each optic 1
Light colour White
Required components:

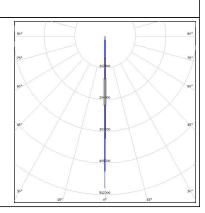


CREE + LED

LED XHP35 HD
FWHM / FWTM 2.4° / 4.2°
Efficiency 89 %
Peak intensity 257 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE - LED

LED XHP35 HI
FWHM / FWTM 1.6° / 3.6°
Efficiency 83 %
Peak intensity 496 cd/lm
LEDs/each optic 1
Light colour White
Required components:







 LED
 XHP35.2 HD

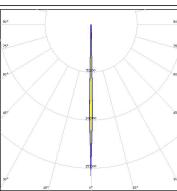
 FWHM / FWTM
 2.0° / 6.0°

 Efficiency
 89 %

 Peak intensity
 161.9 cd/lm

LEDs/each optic 1
Light colour White

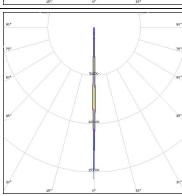
Required components:



CREE + LED

LED XHP35.2 HI
FWHM / FWTM 2.0° / 4.0°
Efficiency 89 %
Peak intensity 161 cd/lm
LEDs/each optic 1
Light colour White

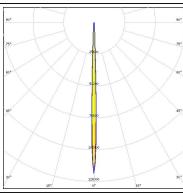
Required components:



CREE + LED

LED XHP50
FWHM / FWTM 3.3° / 6.7°
Efficiency 87 %
Peak intensity 122 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CREE - LED

 LED
 XHP50.2

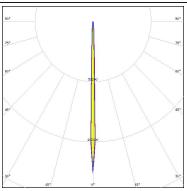
 FWHM / FWTM
 2.7° / 6.8°

 Efficiency
 84 %

 Peak intensity
 128.7 cd/lm

 LEDs/each optic
 1

Light colour White Required components:





Peak intensity

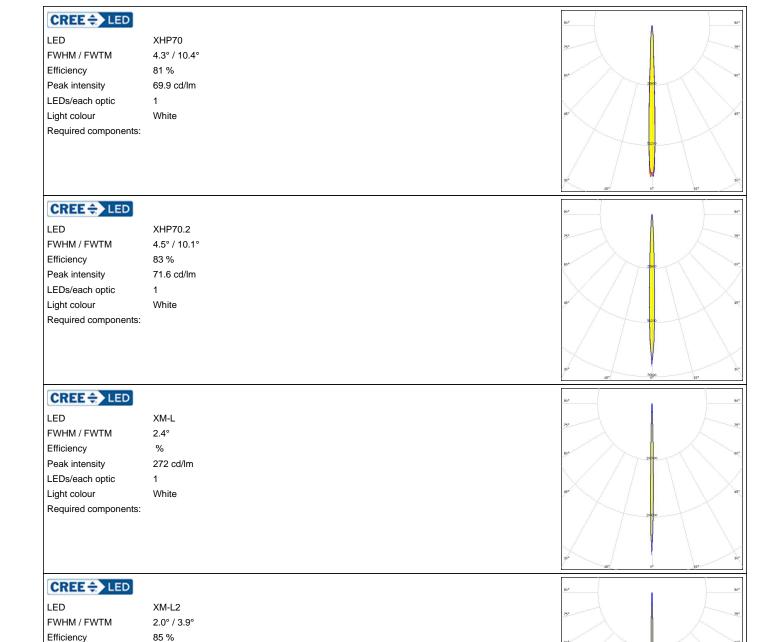
Light colour

LEDs/each optic

Required components:

275 cd/lm

White







 LED
 XM-L3

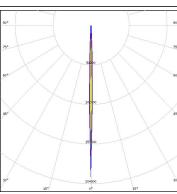
 FWHM / FWTM
 2.0° / 6.0°

 Efficiency
 90 %

Peak intensity 196.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



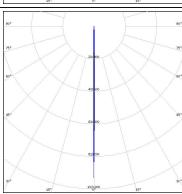
CREE - LED

LED XP-E FWHM / FWTM 1.2° / 2.9°

Efficiency 92 % Peak intensity 955 cd/lm

LEDs/each optic 1
Light colour White

Required components:



CREE + LED

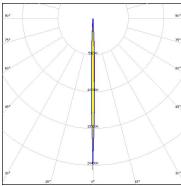
 LED
 XP-E2

 FWHM / FWTM
 2.0° / 6.0°

 Efficiency
 85 %

Peak intensity 211.5 cd/lm

LEDs/each optic 1
Light colour Blue
Required components:



CREE - LED

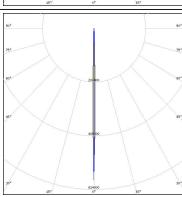
 LED
 XP-G

 FWHM / FWTM
 1.4° / 3.4°

 Efficiency
 90 %

 Peak intensity
 578 cd/lm

LEDs/each optic 1
Light colour White
Required components:

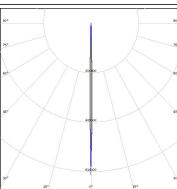






Peak intensity 628 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CREE + LED

 LED
 XP-G2 HE

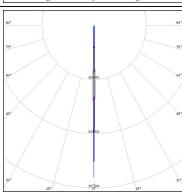
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 89 %

 Peak intensity
 286.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



CREE 1 LED

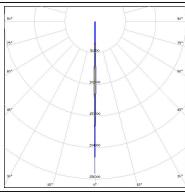
 LED
 XP-G3

 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 88 %

 Peak intensity
 246.2 cd/lm

LEDs/each optic 1
Light colour White
Required components:



CREE - LED

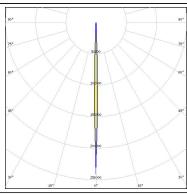
 LED
 XP-P

 FWHM / FWTM
 2.0° / 6.0°

 Efficiency
 84 %

 Peak intensity
 246.8 cd/lm

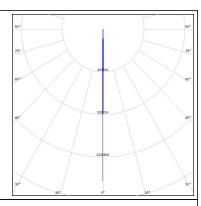
LEDs/each optic 1
Light colour White
Required components:





CREE . LED

LED XQ-E HD
FWHM / FWTM 1.1° / 2.5°
Efficiency 92 %
Peak intensity 1460 cd/lm
LEDs/each optic 1
Light colour White



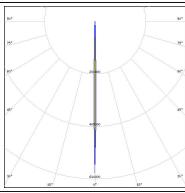
CREE & LED

Required components:

LED XQ-E HI
FWHM / FWTM 1.2° / 2.0°
Efficiency 90 %
Peak intensity 1300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE + LED

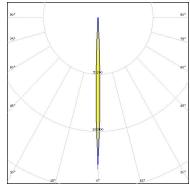
LED XT-E
FWHM / FWTM 1.4° / 3.5°
Efficiency 88 %
Peak intensity 519 cd/lm
LEDs/each optic 1
Light colour White
Required components:



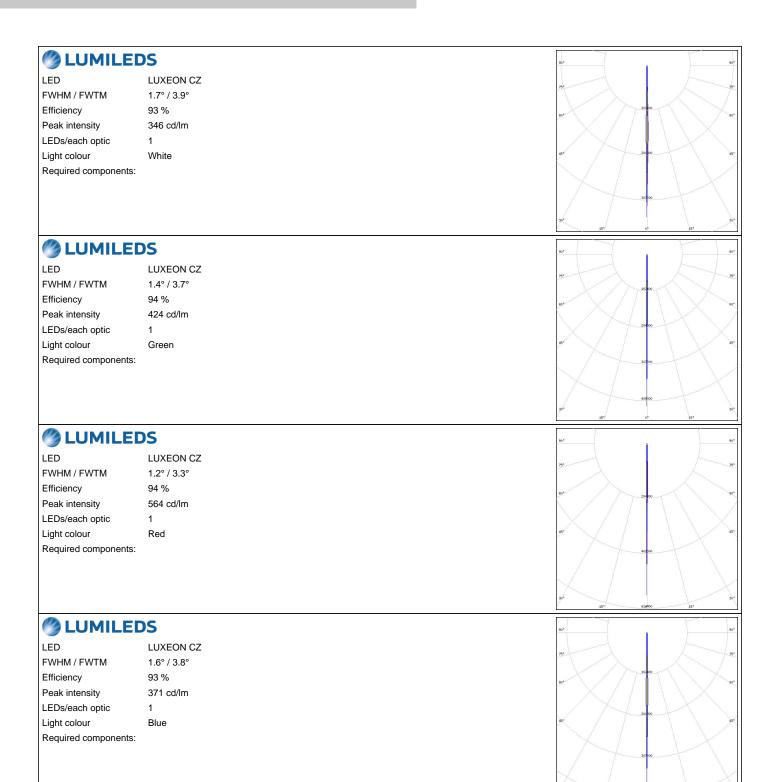
LED ENGIN

Required components:

LED LZ4 (00xW00)
FWHM / FWTM 3.3° / 8.2°
Efficiency 91 %
Peak intensity 136 cd/lm
LEDs/each optic 1
Light colour White







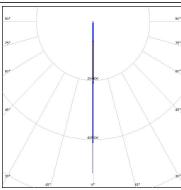




LED LUXEON CZ
FWHM / FWTM 1.3° / 3.4°
Efficiency 94 %
Peak intensity 564 cd/lm
LEDs/each optic 1

Light colour PC Amber

Required components:

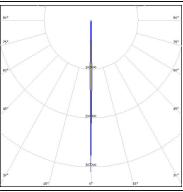


MUMILEDS

LED LUXEON HL2X
FWHM / FWTM 2.0° / 4.0°
Efficiency 89 %
Peak intensity 317.8 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour White

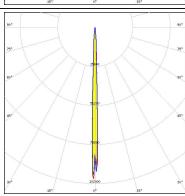
Required components:



DESCRIPTION LUMILEDS

LED LUXEON M/MX
FWHM / FWTM 3.6° / 9.0°
Efficiency 89 %
Peak intensity 99 cd/lm
LEDs/each optic 1
Light colour White

Required components:



DESCRIPTION LUMILEDS

LED LUXEON MZ
FWHM / FWTM 2.2° / 6.0°
Efficiency 84 %
Peak intensity 151 cd/lm
LEDs/each optic 1
Light colour White
Required components:





 LED
 LUXEON Rebel

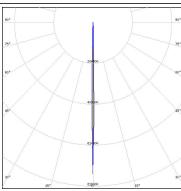
 FWHM / FWTM
 1.3° / 3.2°

 Efficiency
 90 %

 Peak intensity
 704 cd/lm

LEDs/each optic 1
Light colour White

Required components:

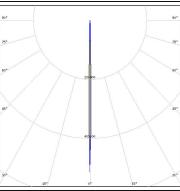


LUMILEDS

LED LUXEON Rebel ES

FWHM / FWTM 1.6° / 3.6°
Efficiency 90 %
Peak intensity 530 cd/lm
LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

 LED
 LUXEON Rubix

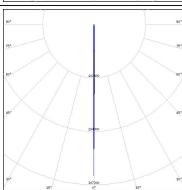
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 88 %

 Peak intensity
 290.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



MILEDS

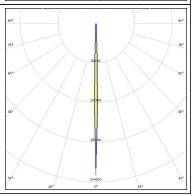
 LED
 LUXEON Rubix

 FWHM / FWTM
 2.0° / 6.0°

 Efficiency
 85 %

 Peak intensity
 196.2 cd/lm

LEDs/each optic 1
Light colour Red
Required components:



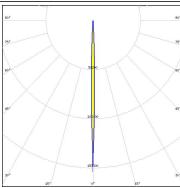




LED LUXEON Rubix
FWHM / FWTM 2.0° / 6.0°
Efficiency 83 %
Peak intensity 157.7 cd/lm

LEDs/each optic 1 Light colour Green

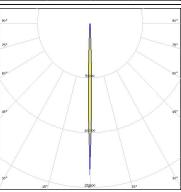
Required components:



MUMILEDS

LED LUXEON Rubix
FWHM / FWTM 2.0° / 6.0°
Efficiency 83 %
Peak intensity 141.9 cd/lm

LEDs/each optic 1
Light colour Blue
Required components:



LUMILEDS

 LED
 LUXEON \$1000

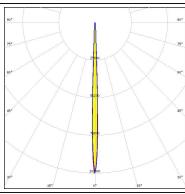
 FWHM / FWTM
 3.8° / 8.0°

 Efficiency
 88 %

 Peak intensity
 100 cd/lm

 LEDs/each optic
 1

Light colour White Required components:



DESCRIPTION LUMILEDS

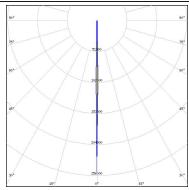
 LED
 LUXEON V2

 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 88 %

 Peak intensity
 250.1 cd/lm

LEDs/each optic 1
Light colour White
Required components:







 LED
 SBT-90

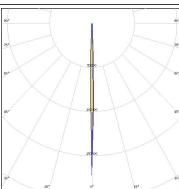
 FWHM / FWTM
 2.0° / 6.0°

 Efficiency
 76 %

Peak intensity 175.9 cd/lm LEDs/each optic 1

Light colour White

Required components:



ELUMINUS

 LED
 SBT-90

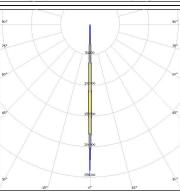
 FWHM / FWTM
 2.3° / 4.8°

 Efficiency
 90 %

 Peak intensity
 253 cd/lm

LEDs/each optic 1
Light colour White

Required components:



WNICHIA

 LED
 NV4WB35AM

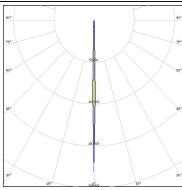
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 90 %

 Peak intensity
 185.5 cd/lm

LEDs/each optic 1
Light colour White

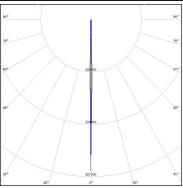
Required components:



WNICHIA

LED NVSW219F
FWHM / FWTM 2.0° / 4.0°
Efficiency 89 %
Peak intensity 296 cd/lm
LEDs/each optic 1
Light colour White

Required components:



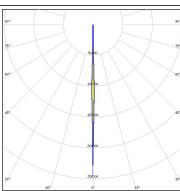




LED NVSW519A FWHM / FWTM 2.0° / 4.0° Efficiency 89 % Peak intensity 251.6 cd/lm LEDs/each optic

Light colour White

Required components:

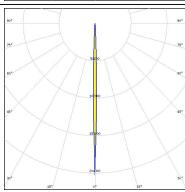


WNICHIA

LED NVSW719AC FWHM / FWTM 2.0° / 6.0° Efficiency 85 % Peak intensity 207.3 cd/lm

LEDs/each optic 1 White Light colour

Required components:



OSRAM Opto Semiconductor

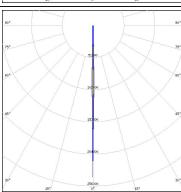
LED

OSCONIQ C 2424

FWHM / FWTM 2.0° / 4.0° Efficiency 90 % Peak intensity 241.6 cd/lm

LEDs/each optic Light colour White

Required components:



OSRAM

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 2.0° / 4.0° Efficiency 89 % Peak intensity 258.2 cd/lm

LEDs/each optic White Light colour Required components:



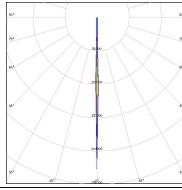
OSRAM

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 2.0° / 4.0° Efficiency 90 % Peak intensity 232.3 cd/lm

LEDs/each optic Light colour White

Required components:



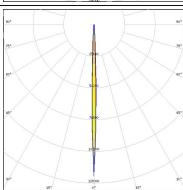
OSRAM

LED OSCONIQ P 7070

FWHM / FWTM 3.5° / 7.1° Efficiency 91 % Peak intensity 122.2 cd/lm

LEDs/each optic 1 White Light colour

Required components:



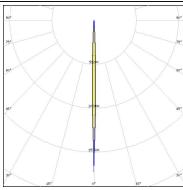
OSRAM Opto Semiconductor

LED OSLON Boost HX (KW CULPM1.TG)

FWHM / FWTM 2.0° / 6.0° Efficiency 92 % Peak intensity 176.8 cd/lm

LEDs/each optic Light colour White

Required components:

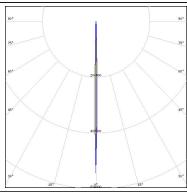


OSRAM

LED OSLON Square PC

FWHM / FWTM 1.5° / 3.6° 89 % Efficiency Peak intensity 550 cd/lm LEDs/each optic White Light colour

Required components:





OSRAM

LED OSRAM OSTAR Projection Compact (KW CSLPM1.TG)

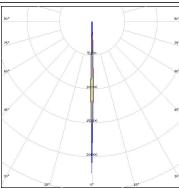
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 90 %

 Peak intensity
 229.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

 LED
 LH351B

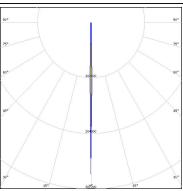
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 90 %

 Peak intensity
 279.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

 LED
 LH351C

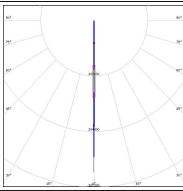
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 91 %

 Peak intensity
 279.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

 LED
 LH351D

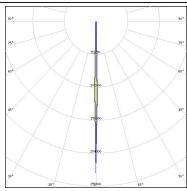
 FWHM / FWTM
 2.0° / 4.0°

 Efficiency
 91 %

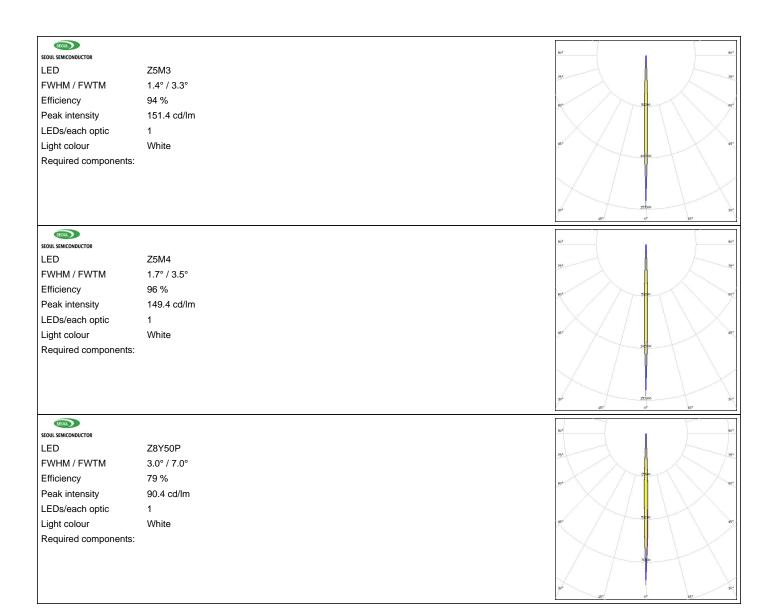
 Peak intensity
 235.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:









PRODUCT DATASHEET FCP13895 SEANNA-A

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDIL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support

www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners

www.ledil.com/ where_to_buy