

LENA-W

~45° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions Ø 111.0 mm

Height 80 mm

Fastening socket

ROHS compliant yes ①



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishCoatingLENA-WReflectorPCmetallacquer

ORDERING INFORMATION:

Component Qty in box MOQ MPQ Box weight (kg)

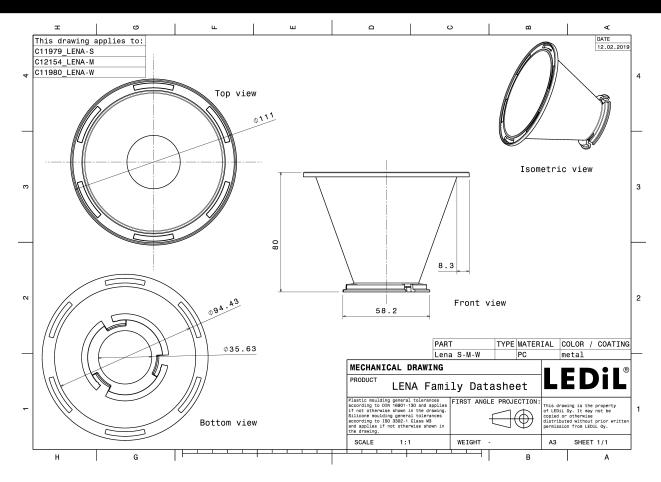
C11980_LENA-W 60 60 60 4.0

» Box size: 400 x 280 x 380 mm

Published: 30/05/2018



PRODUCT DATASHEET C11980_LENA-W



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



bridgelux

LED BXRA ES Rectangle

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 46.0° / 64.0° Efficiency 74 % LEDs/each optic Light colour White

Required components:

C12153_LENA-STD-BASE-BXRA

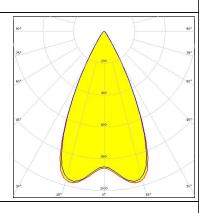
C11996_LENA-LENS

bridgelux

LED **BXRA RS** FWHM / FWTM 51.0° Efficiency 76 % LEDs/each optic 1 White Light colour Required components:

C12229_LENA-STD-BASE-RS

C11996_LENA-LENS



bridgelux

LED **BXRA RS** $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 51.0° Efficiency 81 % LEDs/each optic Light colour White Required components:

C12229_LENA-STD-BASE-RS

bridgelux.

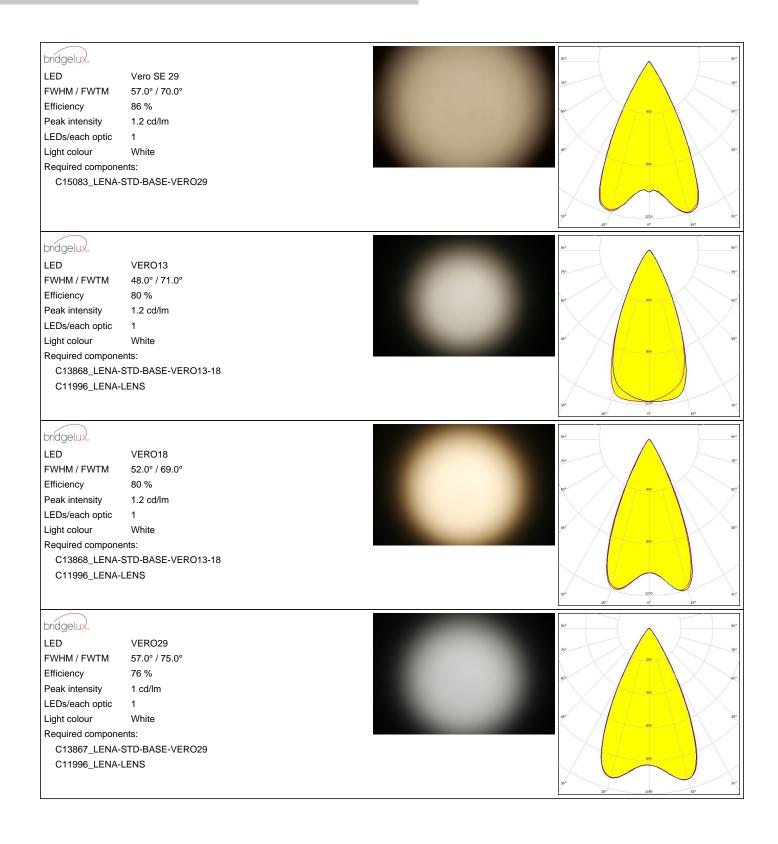
LED V10 Gen6 FWHM / FWTM 39.0° / 64.0° Efficiency 74 % Peak intensity 1.9 cd/lm LEDs/each optic White Light colour Required components:

C13186_LENA-STD-BASE-CXA15

C11996_LENA-LENS









CITIZEN

CL-L340 FWHM / FWTM 45.0° / 63.0° Efficiency 75 %

Peak intensity 1.4 cd/lm LEDs/each optic

Light colour White Required components:

C11995_LENA-STD-BASE-CL340

C11996_LENA-LENS

CITIZEN

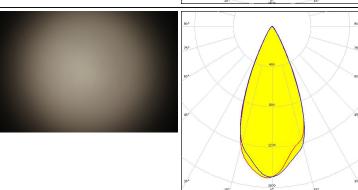
LED CLL02x/CLU02x (LES10)

FWHM / FWTM 45.0° / 64.0° Efficiency 81 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour

Required components:

C13868_LENA-STD-BASE-VERO13-18

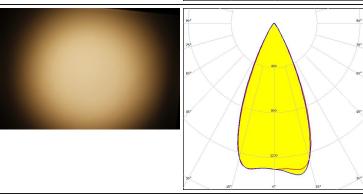
C11996_LENA-LENS Bender Wirth: 434 Typ L1



LED CLL03x/CLU03x FWHM / FWTM 47.0° / 65.0° Efficiency 80 % Peak intensity 1.4 cd/lm LEDs/each optic Light colour White Required components:

C12691_LENA-STD-BASE-CLL030

C11996_LENA-LENS

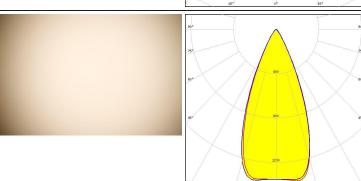


CITIZEN

CLL03x/CLU03x FWHM / FWTM 45.0° / 66.0° Efficiency 79 % Peak intensity 1.4 cd/lm LEDs/each optic White Light colour

Required components: C11996_LENA-LENS

A.A.G. STUCCHI: 8101-G2 + S-8000-11

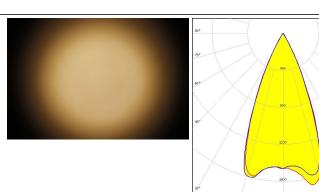




CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 47.0° / 61.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12691_LENA-STD-BASE-CLL030

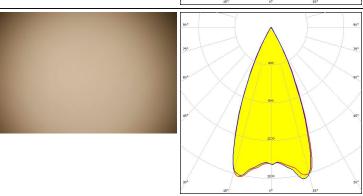


CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 47.0° / 67.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C13868_LENA-STD-BASE-VERO13-18

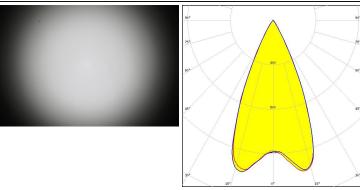
C11996_LENA-LENS Bender Wirth: 433 Typ L1



CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 50.0° / 65.0°
Efficiency 81 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

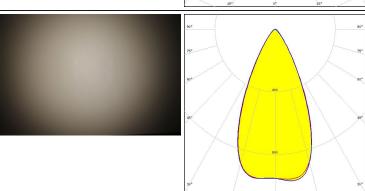
IDEAL: 50-2204CT + 50-2100LN



CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 50.0° / 78.0°
Efficiency 73 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C11996_LENA-LENS

A.A.G. STUCCHI: 8102-G2 + S-8000-12



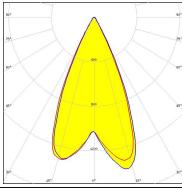


CITIZEN

CLL04x/CLU04x $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 52.0° / 66.0° Efficiency 86 % Peak intensity 1.4 cd/lm LEDs/each optic Light colour White Required components:

C12692_LENA-STD-BASE-CLL040



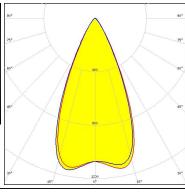


CITIZEN

LED CLL04x/CLU04x FWHM / FWTM 49.0° / 72.0° Efficiency 77 % Peak intensity 1.2 cd/lm LEDs/each optic 1 White Light colour Required components: C11996_LENA-LENS

IDEAL: 50-2204CT + 50-2100LN





CITIZEN

LED CLL04x/CLU04x $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 46.0° / 64.0° Efficiency 76 % Peak intensity 1.1 cd/lm LEDs/each optic Light colour White Required components:

C12692_LENA-STD-BASE-CLL040

C11996_LENA-LENS

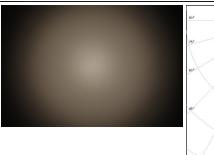


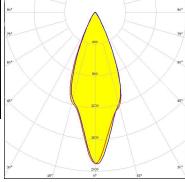
CITIZEN

CLU700/701/702 FWHM / FWTM 39.0° / 61.0° Efficiency 81 % Peak intensity 1.9 cd/lm LEDs/each optic White Light colour Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 434 Typ L1







CITIZEN CLU720/721 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 44.0° / 60.0° Efficiency 81 % Peak intensity 1.6 cd/lm LEDs/each optic Light colour White Required components: C12691_LENA-STD-BASE-CLL030 **CITIZEN** LED CLU720/721 FWHM / FWTM 46.0° / 66.0° Efficiency 76 % Peak intensity 1.3 cd/lm LEDs/each optic 1 White Light colour Required components: C12691_LENA-STD-BASE-CLL030 C11996_LENA-LENS CREE - LED LED CMA1840 FWHM / FWTM 43.0° / 60.0° Efficiency 86 % Peak intensity 1.8 cd/lm LEDs/each optic Light colour White Required components: C14146_LENA-STD-BASE-CXA18 CREE - LED LED CMA2550 FWHM / FWTM 49.0° / 63.0° Efficiency 86 % Peak intensity 1.6 cd/lm LEDs/each optic White Light colour Required components:

C13324_LENA-STD-BASE-CXA25



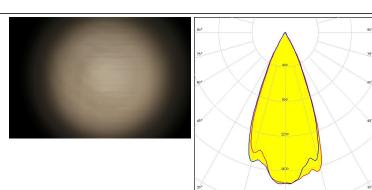
CREE - LED

LED CMT14xx $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 44.0° / 60.0° Efficiency 85 % Peak intensity 1.8 cd/lm LEDs/each optic Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 434 Typ L1

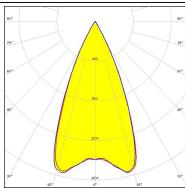


CREE - LED

LED CMT19xx FWHM / FWTM 47.0° / 61.0° Efficiency 86 % Peak intensity 1.6 cd/lm LEDs/each optic 1 White Light colour Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 477 Typ L1

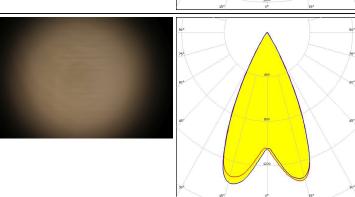


CREE - LED

LED CMT28xx FWHM / FWTM 54.0° / 66.0° Efficiency 85 % Peak intensity 1.4 cd/lm LEDs/each optic Light colour White Required components:

C13867_LENA-STD-BASE-VERO29

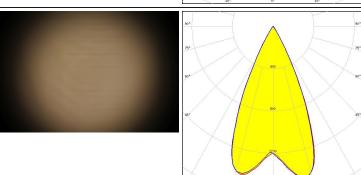
Bender Wirth: 471 Typ L3



CREE - LED

LED CMT28xx FWHM / FWTM 51.0° / 64.0° Efficiency 86 % Peak intensity 1.5 cd/lm LEDs/each optic White Light colour Required components:

C12692_LENA-STD-BASE-CLL040





CREE - LED

LED CXA/B 15xx

FWHM / FWTM 38.0° / 59.0° Efficiency 77 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1

Light colour White Required components:

C13186_LENA-STD-BASE-CXA15

C11996_LENA-LENS

CREE = LED

LED CXA/B 15xx

FWHM / FWTM 44.0° / 61.0° Efficiency 81 %

Peak intensity 1.7 cd/lm

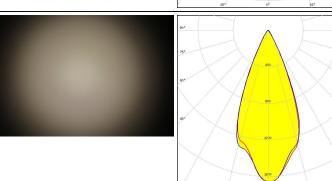
LEDs/each optic 1

Light colour White

Required components: C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS

Bender Wirth: 441 Typ L1



CREE - LED

LED CXA/B 1830

FWHM / FWTM 49.0° / 60.0°

Efficiency 82 %

Peak intensity 1.5 cd/lm

LEDs/each optic 1

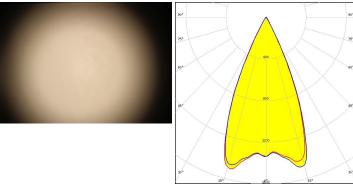
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

C14169_LENA-CLEAR-LENS

Bender Wirth: 437 Typ L1



CREE - LED

LED CXA/B 1830

FWHM / FWTM 17.0° / 64.0°

Efficiency 74 %

Peak intensity 2.2 cd/lm

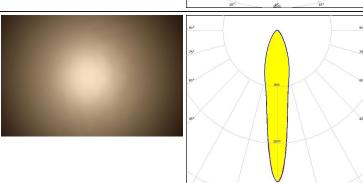
LEDs/each optic 1

Light colour White Required components:

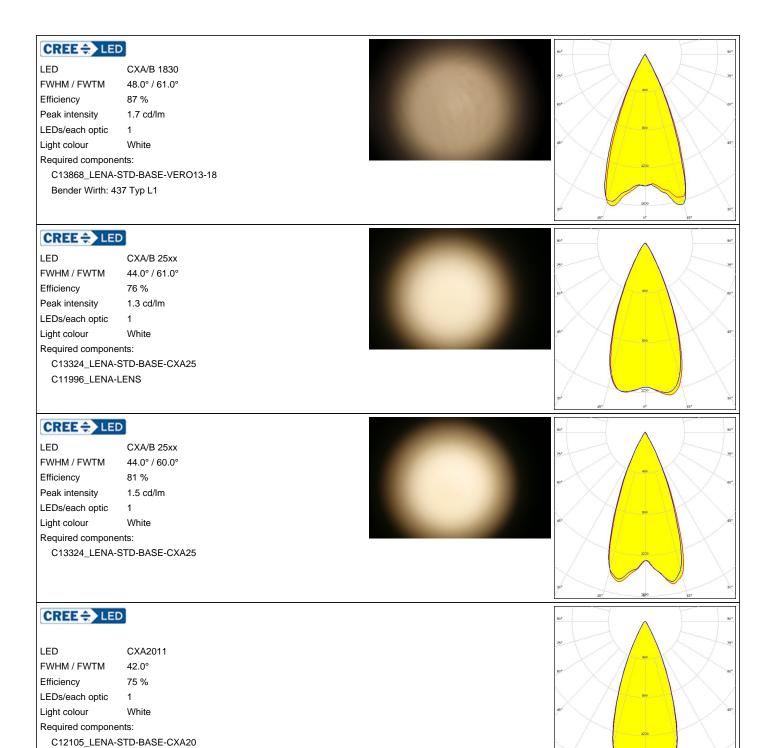
C13868_LENA-STD-BASE-VERO13-18

C12231_LENA-FRESNEL

Bender Wirth: 437 Typ L1







C11996_LENA-LENS

LED CHI3030 19W FWHM / FWTM 50.0° / 70.0° Efficiency 81 % Peak intensity 1.2 cd/lm LEDs/each optic

Light colour White Required components:

C13867_LENA-STD-BASE-VERO29

C11996_LENA-LENS Bender Wirth: 468 Typ L3



LED CHI3030 29W FWHM / FWTM 53.0° / 76.0° Efficiency 78 % Peak intensity 1 cd/lm LEDs/each optic 1 White Light colour Required components:

C13867_LENA-STD-BASE-VERO29

C11996_LENA-LENS Bender Wirth: 468 Typ L3

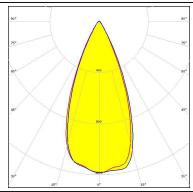


LUMILEDS

LED LUXEON CoB 1204/1205

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 44.0° / 66.0° Efficiency 68 % Peak intensity 1.2 cd/lm LEDs/each optic Light colour White Required components: C12292_LENA-STD-BASE-MEZ

C11996_LENA-LENS



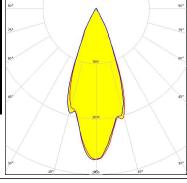
LUMILEDS

LUXEON CoB 1204HD LED

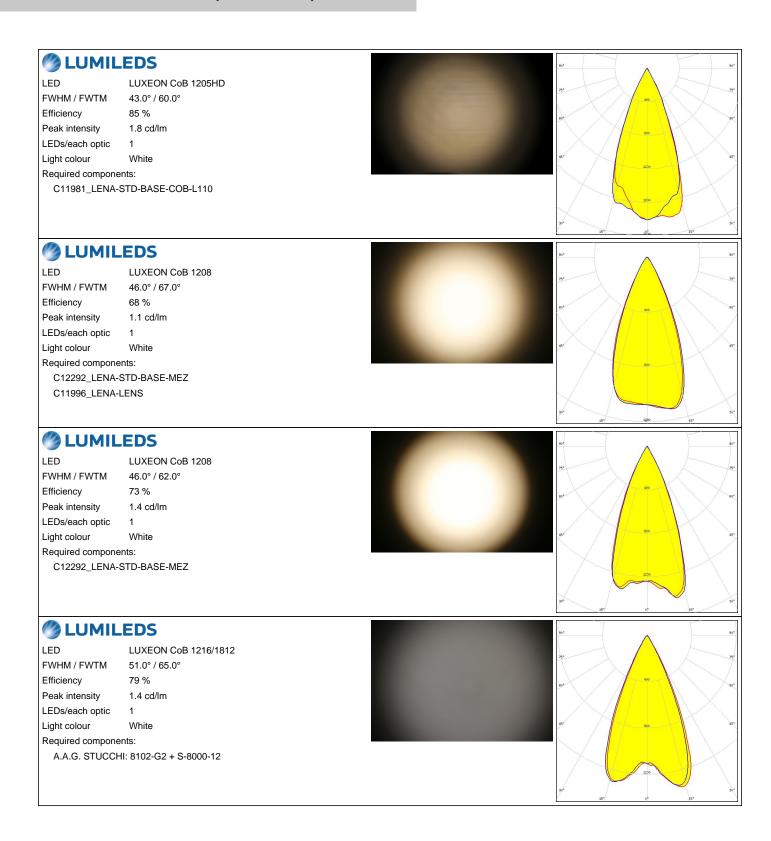
FWHM / FWTM 40.0° / 58.0° Efficiency 86 % Peak intensity 2.2 cd/lm LEDs/each optic White Light colour Required components:

C11981_LENA-STD-BASE-COB-L110

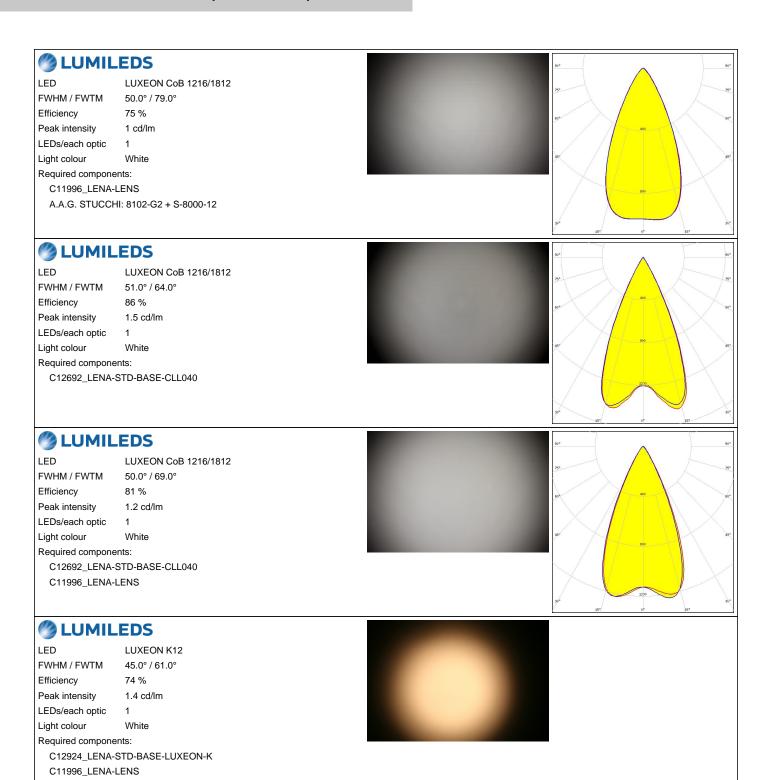












LUMILEDS

LED LUXEON K16 FWHM / FWTM 46.0° / 62.0° Efficiency 72 % Peak intensity 1.3 cd/lm LEDs/each optic

Light colour White Required components:

C12924_LENA-STD-BASE-LUXEON-K

C11996_LENA-LENS



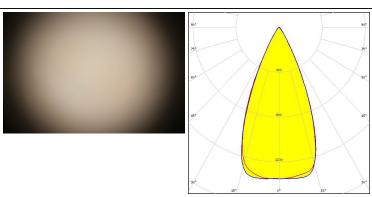
ELUMINUS

LED CDM-14 (Dim-To-Warm)

FWHM / FWTM 47.0° / 67.0° Efficiency 82 % Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 491 Typ L2



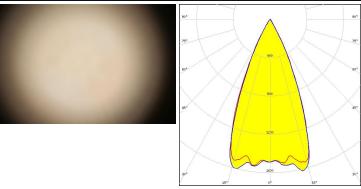
ELUMINUS

LED CDM-14 (Dim-To-Warm)

FWHM / FWTM 47.0° / 61.0° Efficiency 87 % Peak intensity 1.7 cd/lm LEDs/each optic Light colour White Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 491 Typ L2



ELUMINUS

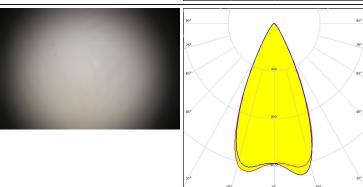
CDM-18 (Dim-To-Warm) LED

FWHM / FWTM 48.0° / 68.0° Efficiency 82 % Peak intensity 1.3 cd/lm LEDs/each optic White Light colour

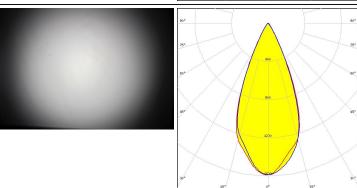
C13868_LENA-STD-BASE-VERO13-18

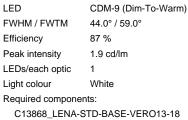
C11996_LENA-LENS Bender Wirth: 491 Typ L2

Required components:









White

C13868_LENA-STD-BASE-VERO13-18

Light colour

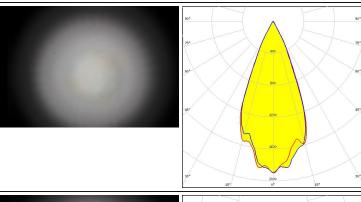
Required components:

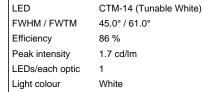
C11996_LENA-LENS Bender Wirth: 490 Typ L1

ELUMINUS

Bender Wirth: 490 Typ L1

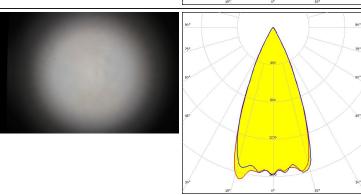
ELUMINUS

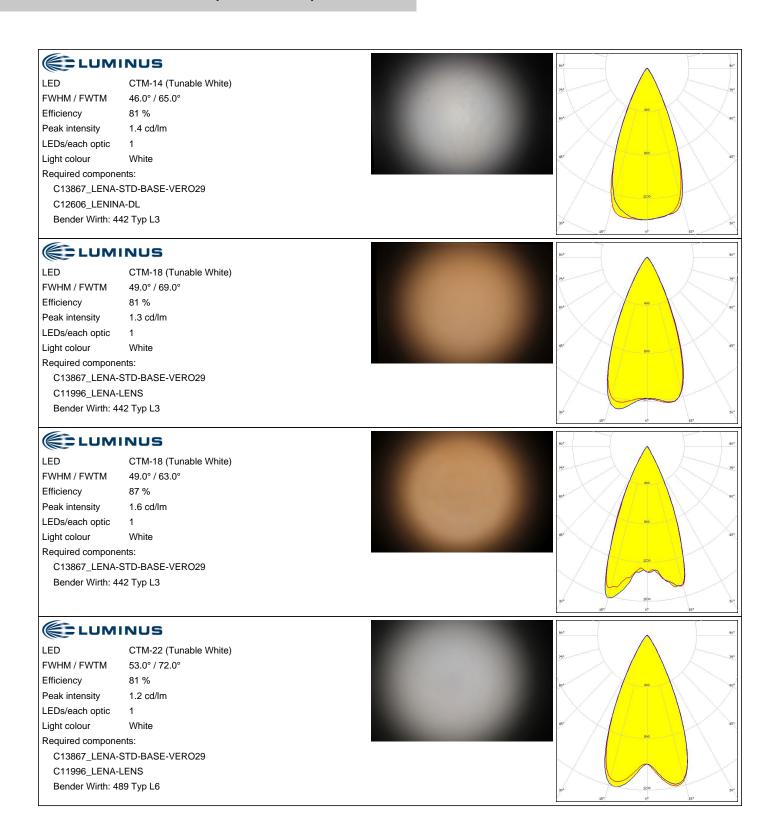




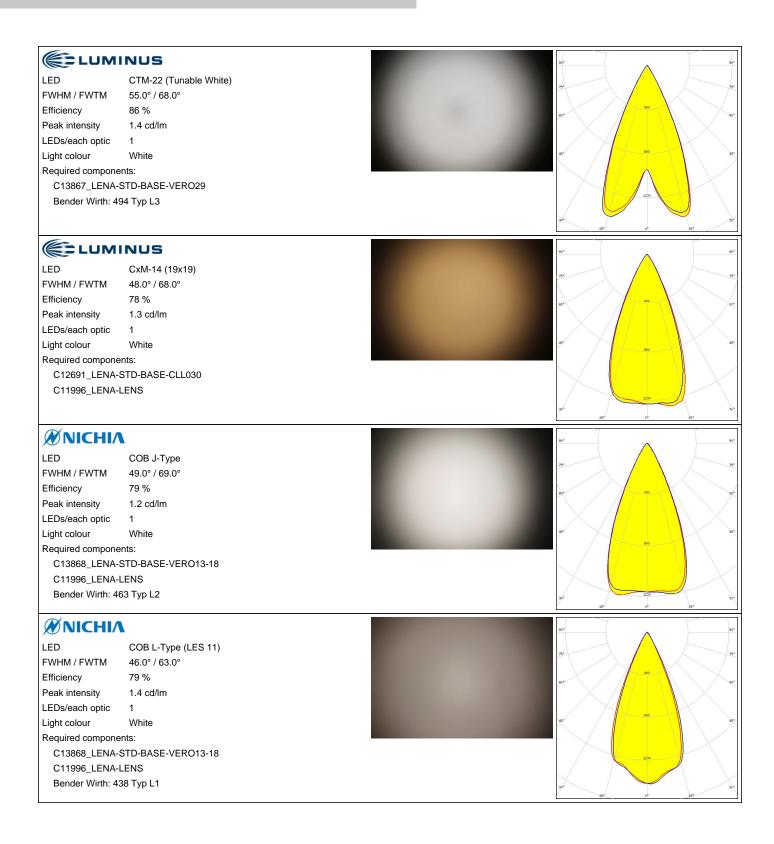
Required components:

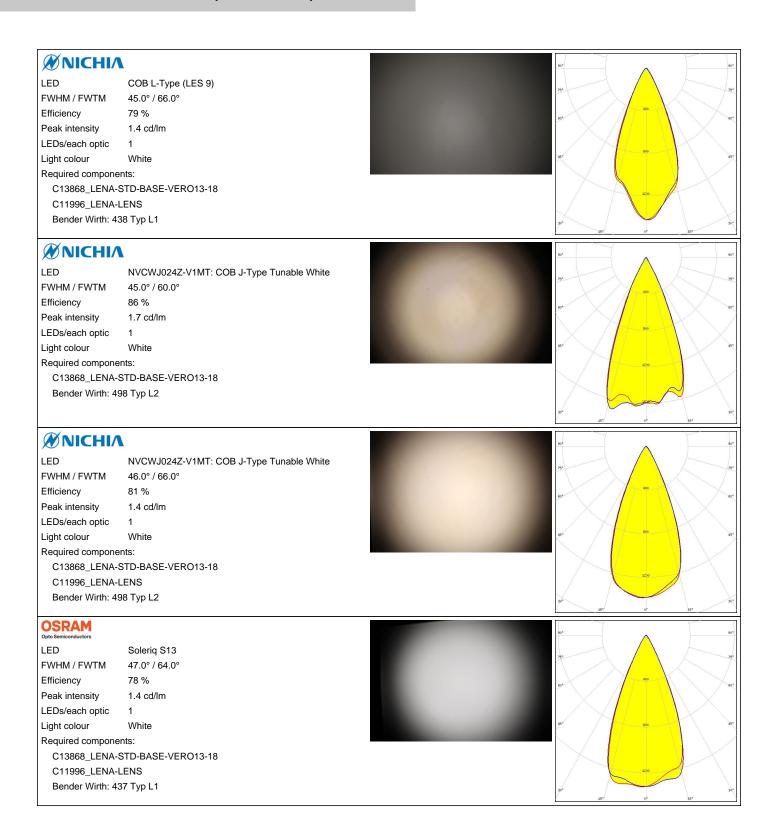
C13867_LENA-STD-BASE-VERO29 Bender Wirth: 442 Typ L3













OSRAM

LED Soleriq S19
FWHM / FWTM 50.0° / 71.0°
Efficiency 78 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1

Light colour White Required components:

C13867_LENA-STD-BASE-VERO29

C11996_LENA-LENS Bender Wirth: 462 Typ L3

PHILIPS

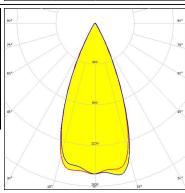
LED Fortimo SLM L13 CoB

FWHM / FWTM 44.0° / 61.0°
Efficiency 79 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Light colour White Required components:

C12292_LENA-STD-BASE-MEZ

C11996_LENA-LENS



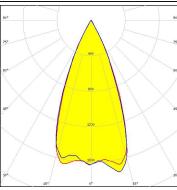
PHILIPS

LED Fortimo SLM L13 CoB

FWHM / FWTM 44.0° / 60.0°
Efficiency 85 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12292_LENA-STD-BASE-MEZ





PHILIPS

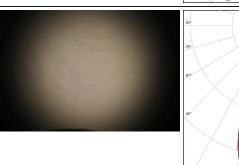
LED Fortimo SLM L15 CoB

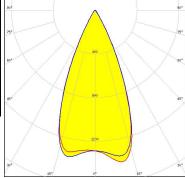
FWHM / FWTM 46.0° / 63.0°
Efficiency 79 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White

C12292_LENA-STD-BASE-MEZ

C11996_LENA-LENS

Required components:





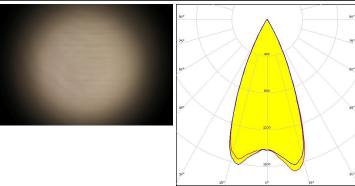


PHILIPS

LED Fortimo SLM L15 CoB

FWHM / FWTM 47.0° / 61.0°
Efficiency 85 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12292_LENA-STD-BASE-MEZ

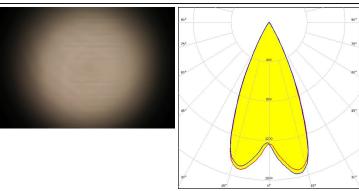


PHILIPS

LED Fortimo SLM L19 CoB

FWHM / FWTM 50.0° / 63.0°
Efficiency 85 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12692_LENA-STD-BASE-CLL040



PHILIPS

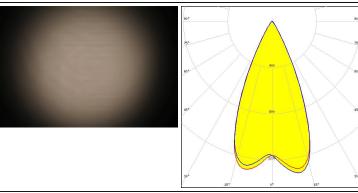
LED Fortimo SLM L19 CoB

FWHM / FWTM 48.0° / 65.0°
Efficiency 79 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C12692_LENA-STD-BASE-CLL040

C11996_LENA-LENS



PHILIPS

LED Fortimo SLM L23 CoB

FWHM / FWTM 51.0° / 64.0°

Efficiency 85 %

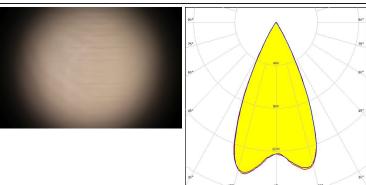
Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C12692_LENA-STD-BASE-CLL040





PHILIPS

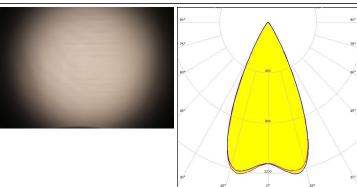
LED Fortimo SLM L23 CoB

FWHM / FWTM 50.0° / 67.0°
Efficiency 79 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C12692_LENA-STD-BASE-CLL040

C11996_LENA-LENS



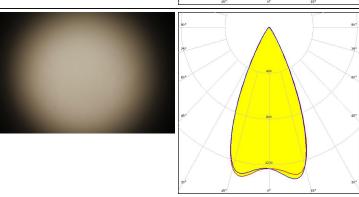
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D

FWHM / FWTM 49.0° / 66.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12691_LENA-STD-BASE-CLL030

C11996_LENA-LENS



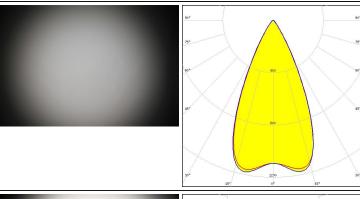
SAMSUNG

LED LC040D / LC060D / LC080D

FWHM / FWTM 51.0° / 71.0°
Efficiency 81 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12692_LENA-STD-BASE-CLL040

C11996_LENA-LENS



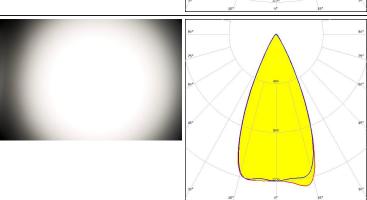
SEOUL SEMICONDUCTOR

SEOUL SEMICONDUCTO

LED ZC12/18
FWHM / FWTM 48.0° / 66.0°
Efficiency 77 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12691_LENA-STD-BASE-CLL030

C11996_LENA-LENS





SHARP

LED Mega Zenigata (GW5DGC)

FWHM / FWTM 44.0° / 64.0°
Efficiency 75 %

LEDs/each optic 1

Light colour White

Required components:

C12292_LENA-STD-BASE-MEZ

C11996_LENA-LENS

SHARP

LED Mega Zenigata (GW5DGC)

FWHM / FWTM 44.0° / 60.0°
Efficiency 80 %
LEDs/each optic 1
Light colour White
Required components:

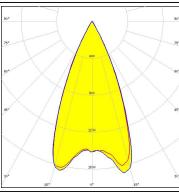
C12292_LENA-STD-BASE-MEZ

TRIDONIC

LED SLE G7 LES15
FWHM / FWTM 48.0° / 62.0°
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12691_LENA-STD-BASE-CLL030

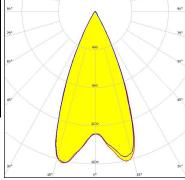




TRIDONIC

LED SLE G7 LES17 H
FWHM / FWTM 49.0° / 62.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1

Light colour White Required components: C14547_LENA-ADAPTER-B



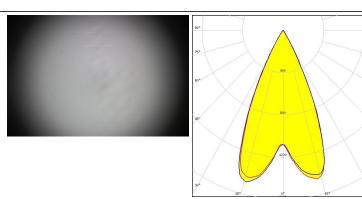


TRIDONIC

SLE G7 LES21 H $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 52.0° / 64.0° Efficiency 86 % Peak intensity 1.5 cd/lm

LEDs/each optic Light colour White Required components:

C14547_LENA-ADAPTER-B

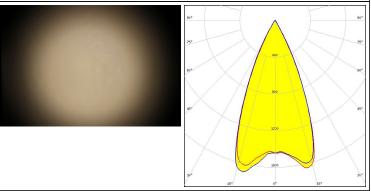


XICATO

LED XOB 14.5 mm FWHM / FWTM 46.0° / 60.0° Efficiency 89 % Peak intensity 1.7 cd/lm LEDs/each optic 1

White Light colour Required components:

C12691_LENA-STD-BASE-CLL030





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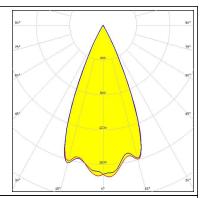
LED V10 Gen7 FWHM / FWTM 46.0° / 59.0°

Efficiency 88 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1

Light colour White Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 486 Typ L1



bridgelux

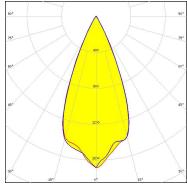
LED V10 Gen7
FWHM / FWTM 44.0° / 60.0°
Efficiency 81 %

Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 486 Typ L1



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 LED
 V13 Gen7

 FWHM / FWTM
 42.0° / 64.0°

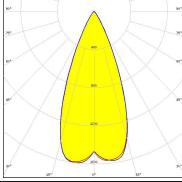
 Efficiency
 85 %

 Peak intensity
 1.6 cd/lm

Peak intensity 1.6 cd LEDs/each optic 1 Light colour White

Required components: C11996_LENA-LENS

IDEAL: 50-2103CT + 50-2100LN



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LED V13 Gen7

FWHM / FWTM 47.0° / 63.0°

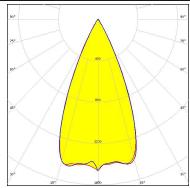
Efficiency 82 %

Peak intensity 1.5 cd/lm

LEDs/each optic 1
Light colour White
Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 477 Typ L1

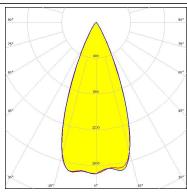




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LED V13 Gen7 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 44.0° / 62.0° Efficiency 87 % Peak intensity 1.7 cd/lm LEDs/each optic Light colour White Required components:

IDEAL: 50-2103CT + 50-2100LN

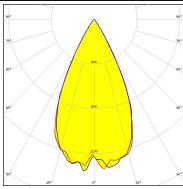


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LED V22 Gen7 FWHM / FWTM 51.0° / 67.0° Efficiency 87 % Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour Required components:

C13867_LENA-STD-BASE-VERO29

C11996_LENA-LENS Bender Wirth: 431 Typ L3

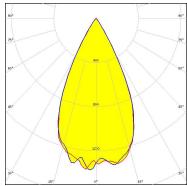


bridgelux

LED V22 Gen7 FWHM / FWTM 51.0° / 67.0° Efficiency 87 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:

C13867_LENA-STD-BASE-VERO29

Bender Wirth: 431 Typ L3

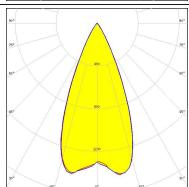


CREE - LED

CXA/B 30xx FWHM / FWTM 43.0° / 64.0° Efficiency 81 % Peak intensity 1.5 cd/lm LEDs/each optic White Light colour Required components:

IDEAL: 50-2234C + 50-2100LN

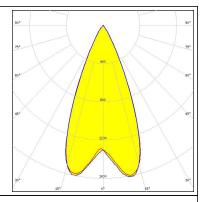
C11996_LENA-LENS



CREE . LED

LED CXA/B 30xx
FWHM / FWTM 42.0° / 62.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

IDEAL: 50-2234C + 50-2100LN



ELUMINUS

LED CxM-14 (19x19)
FWHM / FWTM 47.0° / 67.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 433 Typ L1

LUMINUS

LED CxM-14 (19x19)
FWHM / FWTM 47.0° / 61.0°
Efficiency 86 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

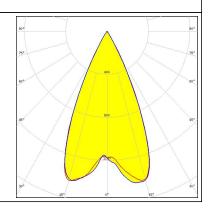
C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 433 Typ L1

LUMINUS

LED CxM-22 (28x28)
FWHM / FWTM 48.0° / 62.0°
Efficiency 83 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C12692_LENA-STD-BASE-CLL040





LED CxM-9 (13.5x13.5) FWHM / FWTM 44.0° / 59.0°

Efficiency 86 %
Peak intensity 1.9 cd/lm

LEDs/each optic 1
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 434 Typ L1

LUMINUS

LED CxM-9 (13.5x13.5) FWHM / FWTM 45.0° / 64.0°

Efficiency 81 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 434 Typ L1

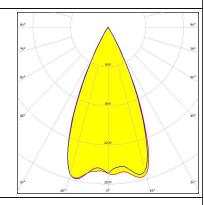
OSRAM

Opto Semiconductor

LED Soleriq S15
FWHM / FWTM 48.0° / 61.0°
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C12691_LENA-STD-BASE-CLL030





SEOUL SEMICONDUCTOR

LED ZC12/18
FWHM / FWTM 47.0° / 67.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 433 Typ L1



SEOUL SEMICONDUCTO

 LED
 ZC12/18

 FWHM / FWTM
 47.0° / 61.0°

 Efficiency
 86 %

 Peak intensity
 1.6 cd/lm

 LEDs/each optic
 1

Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 433 Typ L1

SEOUL

SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM / FWTM 44.0° / 59.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13868_LENA-STD-BASE-VERO13-18

Bender Wirth: 434 Typ L1

SEOUL SEMICONDUCT

SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM / FWTM 45.0° / 64.0°
Efficiency 81 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

C13868_LENA-STD-BASE-VERO13-18

C11996_LENA-LENS Bender Wirth: 434 Typ L1

Required components:

29/30



PRODUCT DATASHEET C11980_LENA-W

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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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.

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