MIRELLA-50-S-PF

~15° spot beam

SPECIFICATION:

Ø 49.9 **Dimensions** Height 24 mm socket Fastening **ROHS** compliant yes 🕕



MATERIALS:

Colour **Finish** Component **Type** Material Coating MIRELLA-50-S-PF Reflector PC metal lacquer

ORDERING INFORMATION:

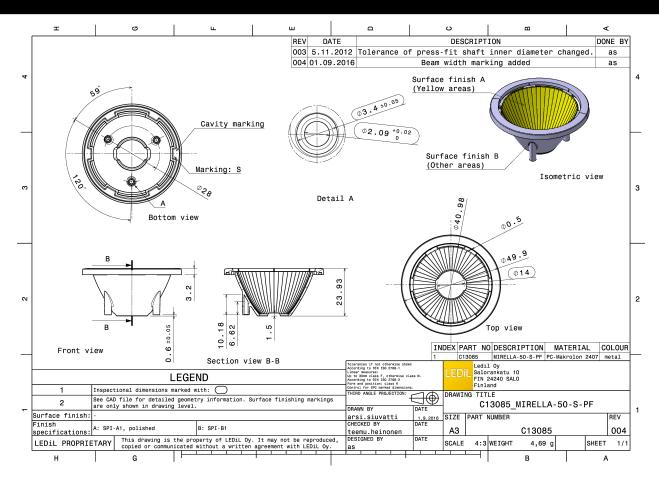
Component Qty in box MOQ MPQ Box weight (kg)

336 C13085_MIRELLA-50-S-PF 112 28 3.0

» Box size: 480 x 280 x 300 mm



PRODUCT C13085_MIRELLA-50-S-PF



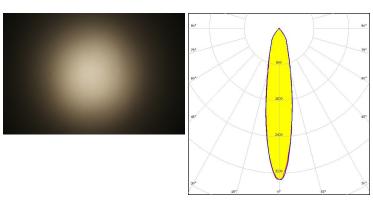
See also our general installation guide: www.ledil.com/installation_guide

Published: 03/05/2018



LED V10 Gen7 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 21.0° / 61.0° Efficiency 91 % Peak intensity 3.4 cd/lm LEDs/each optic Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 486 Typ L1

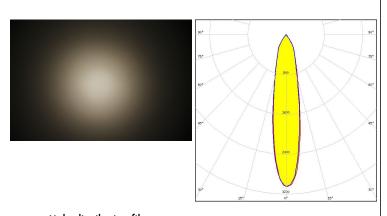


Light distribution files

bridgelux

V10 Gen7 FWHM / FWTM 21.0° / 61.0° Efficiency 81 % Peak intensity 3.1 cd/lm LEDs/each optic Light colour/type White Required components: C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL



Light distribution files

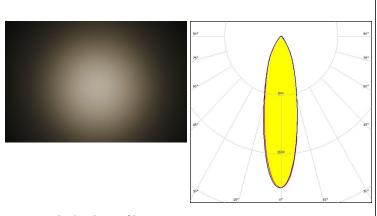
bridgelux

LED V10 Gen7 FWHM / FWTM 26.0° / 66.0° Efficiency 79 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL



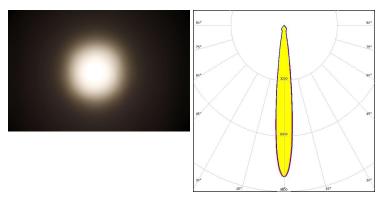
Light distribution files





LED V6 Gen6 12.0° / 25.0° FWHM / FWTM Efficiency 90 % Peak intensity 8.8 cd/lm LEDs/each optic White Light colour/type Required components:

C13761_PF-SOCKET-CXA15



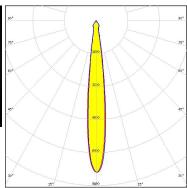
Light distribution files

bridgelux

V6 Gen6 FWHM / FWTM 13.0° / 26.0° Efficiency 84 % Peak intensity 7.4 cd/lm LEDs/each optic Light colour/type White Required components:

C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL





Light distribution files

bridgelux

LED V6 Gen6 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 18.0° / 52.0° Efficiency 73 % Peak intensity 4.3 cd/lm LEDs/each optic Light colour/type White

Required components: C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 460 Typ L1



Light distribution files





LED V6 Gen6
FWHM / FWTM 15.0° / 33.0°
Efficiency 84 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13761_PF-SOCKET-CXA15

C12479_MIRELLA-DL

Light distribution files



LED V8 Gen6
FWHM / FWTM 20.0° / 62.0°
Efficiency 71 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components: C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 460 Typ L1

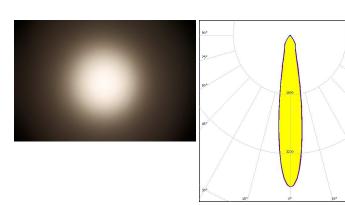


Light distribution files

bridgelux.

LED V8 Gen6
FWHM / FWTM 18.0° / 44.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL



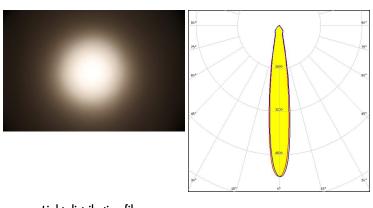
Light distribution files





LED V8 Gen6 15.0° / 34.0° FWHM / FWTM Efficiency 90 % Peak intensity 5.6 cd/lm LEDs/each optic White Light colour/type Required components:

C13761_PF-SOCKET-CXA15

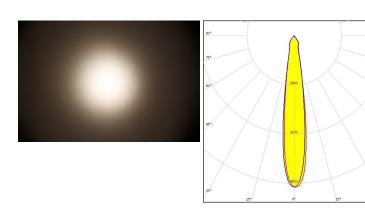


Light distribution files

bridgelux

V8 Gen6 FWHM / FWTM 16.0° / 36.0° Efficiency 84 % Peak intensity 4.9 cd/lm LEDs/each optic Light colour/type White Required components:

C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL

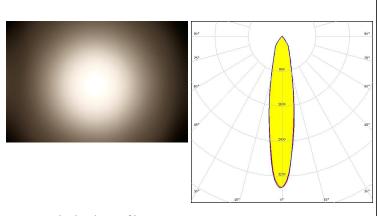


Light distribution files



LED VERO10 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 20.0° / 57.0° Efficiency 88 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour/type White Required components:

C13708_PF-SOCKET-VERO10



Light distribution files





 LED
 VERO10

 FWHM / FWTM
 23.0° / 63.0°

 Efficiency
 83 %

 Peak intensity
 2.6 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

 Required components:
 C13708_PF-SOCKET-VERO10

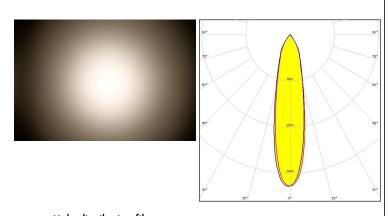
C13333_MIRELLA-CL

Light distribution files



LED VERO10
FWHM / FWTM 23.0° / 63.0°
Efficiency 83 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13708_PF-SOCKET-VERO10 C12479_MIRELLA-DL



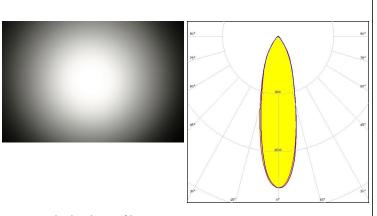
Light distribution files



LED VERO13
FWHM / FWTM 28.0° / 68.0°
Efficiency 84 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL

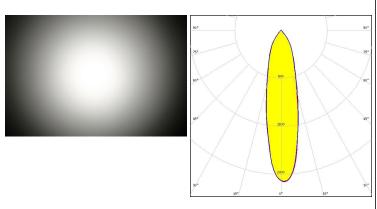


Light distribution files



LED VERO13
FWHM / FWTM 25.0° / 69.0°
Efficiency 89 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18



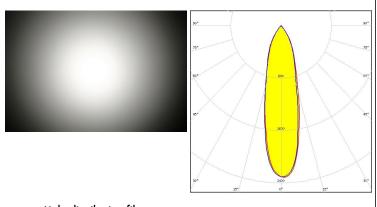
Light distribution files



LED VERO13
FWHM / FWTM 26.0° / 67.0°
Efficiency 83 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL



Light distribution files

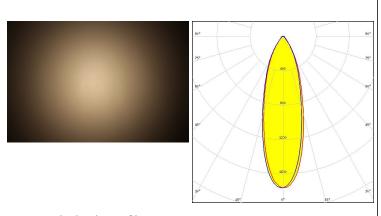


LED Xenio Point 13mm
FWHM / FWTM 31.0° / 70.0°
Efficiency 81 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type What Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL



Light distribution files

PRODUCT DATASHEET



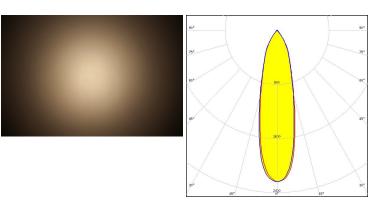
OPTICAL RESULTS (MEASURED):



LED Xenio Point 13mm 27.0° / 67.0° FWHM / FWTM Efficiency 83 % Peak intensity 2.2 cd/lm LEDs/each optic White Light colour/type Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL

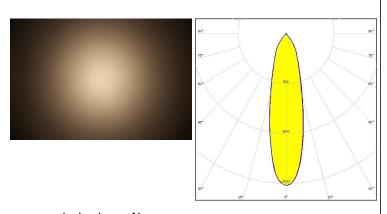


Light distribution files



Xenio Point 13mm FWHM / FWTM 26.0° / 69.0° Efficiency 87 % Peak intensity 2.4 cd/lm LEDs/each optic Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18



Light distribution files

CITIZEN

LED CLL01x FWHM / FWTM 13.0° / 27.0° Efficiency 84 % Peak intensity 7.6 cd/lm LEDs/each optic Light colour/type White Required components:

C13083_PF-SOCKET C13333_MIRELLA-CL



Light distribution files



CITIZEN

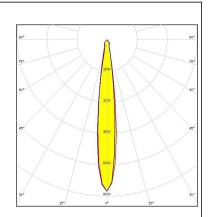
LED CLL01x
FWHM / FWTM 15.0° / 32.0°
Efficiency 84 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



Light distribution files

CITIZEN

LED CLL01x
FWHM / FWTM 14.0° / 27.0°
Efficiency 88 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



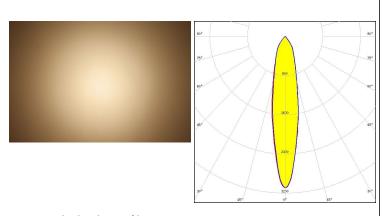
Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 21.0° / 63.0°
Efficiency 84 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 434 Typ L1



Light distribution files



CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 18.0° / 43.0°
Efficiency 83 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 25.0° / 64.0°

Efficiency %
Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour/type White

Light colour/type white

Required components:

C13083_PF-SOCKET

C13723_MIRELLA-RZL



CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 27.0° / 67.0°

Efficiency 77 %

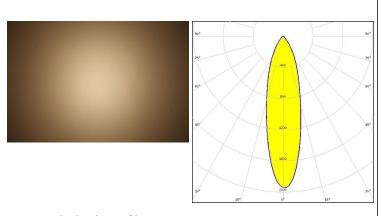
Peak intensity 2 cd/lm

LEDs/each optic 1

Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 434 Typ L1



Light distribution files



CITIZEN

CLL02x/CLU02x (LES10) LED

FWHM / FWTM 20.0° / 54.0° Efficiency 83 % Peak intensity 4.2 cd/lm LEDs/each optic White Light colour/type Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



Light distribution files

CITIZEN

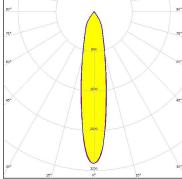
CLL02x/CLU02x (LES10)

FWHM / FWTM 20.0° / 61.0° Efficiency 80 % Peak intensity 3.1 cd/lm LEDs/each optic Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 434 Typ L1



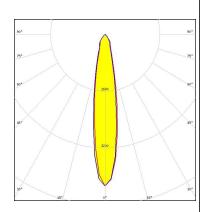


Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)

FWHM / FWTM 19.0° / 46.0° Efficiency 87 % Peak intensity 4.2 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET



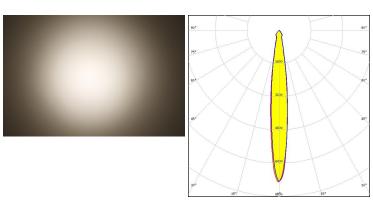
Light distribution files



CITIZEN

CLU700/701/702/703 LED

FWHM / FWTM 13.0° / 29.0° Efficiency 89 % Peak intensity 7.3 cd/lm LEDs/each optic White Light colour/type Required components: C13083_PF-SOCKET



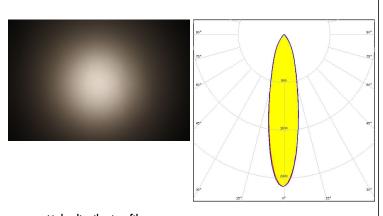
Light distribution files

CITIZEN

CLU700/701/702/703

FWHM / FWTM 23.0° / 61.0° Efficiency 82 % Peak intensity 2.5 cd/lm LEDs/each optic Light colour/type White

Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL



Light distribution files

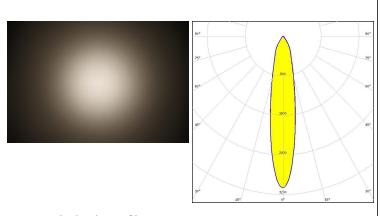
CITIZEN

CLU700/701/702/703 LED

FWHM / FWTM 20.0° / 58.0° Efficiency 79 % Peak intensity 3.1 cd/lm LEDs/each optic Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 434 Typ L1



Light distribution files



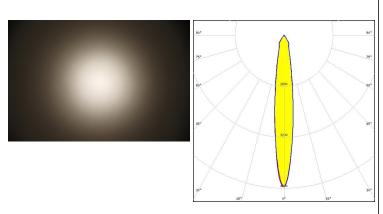
CITIZEN

CLU700/701/702/703 LED

FWHM / FWTM 14.0° / 40.0° Efficiency 79 % Peak intensity 4.8 cd/lm LEDs/each optic White Light colour/type Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 434 Typ L1



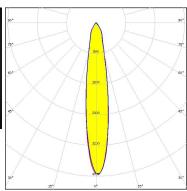
Light distribution files

CITIZEN

CLU700/701/702/703

FWHM / FWTM 17.0° / 47.0° Efficiency 82 % Peak intensity 4 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET

C12479_MIRELLA-DL



Light distribution files

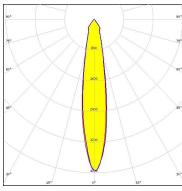
CITIZEN

LED CLU700/701/702/703

FWHM / FWTM 19.0° / 47.0° Efficiency 84 % Peak intensity 4 cd/lm LEDs/each optic Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 434 Typ L1





Light distribution files



CITIZEN

LED CLU700/701/702/703

FWHM / FWTM 13.0° / 30.0°

Efficiency 83 %

Peak intensity 6.6 cd/lm

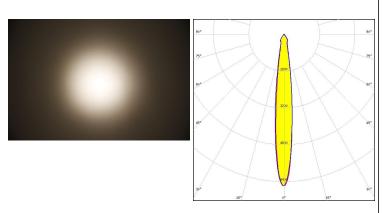
LEDs/each optic 1

Light colour/type White

Required components:

C13083_PF-SOCKET

C13333_MIRELLA-CL



Light distribution files

CITIZEN

 LED
 CLU720/721/723

 FWHM / FWTM
 29.0° / 69.0°

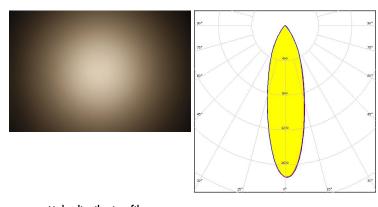
 Efficiency
 75 %

 Peak intensity
 1.7 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 433 Typ L1



Light distribution files

CITIZEN

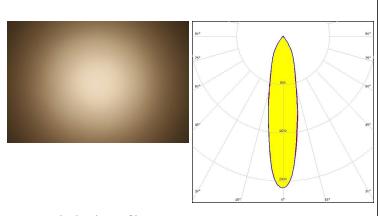
LED CLU720/721/723
FWHM / FWTM 23.0° / 64.0°
Efficiency 77 %

Peak intensity 2.5 cd/lm LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 433 Typ L1

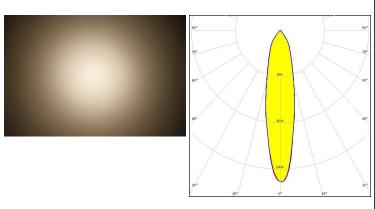


Light distribution files

CITIZEN

CLU720/721/723 LED 23.0° / 67.0° FWHM / FWTM Efficiency 82 % Peak intensity 2.6 cd/lm LEDs/each optic White Light colour/type Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 433 Typ L1



PRODUCT DATASHEET

Light distribution files



CXA/B 13xx FWHM / FWTM 12.0° / 25.0° Efficiency 82 % Peak intensity 8.5 cd/lm LEDs/each optic Light colour/type White Required components:

C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL

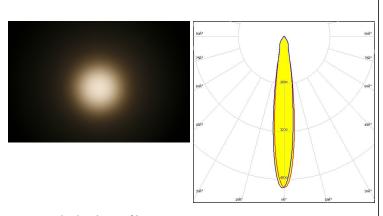


Light distribution files

CREE \$

LED CXA/B 13xx $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 15.0° / 36.0° Efficiency 81 % Peak intensity 5.4 cd/lm LEDs/each optic Light colour/type White Required components:

C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL



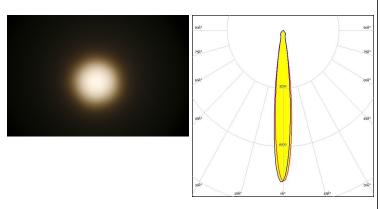
Light distribution files



CREE +

LED CXA/B 13xx
FWHM / FWTM 12.0° / 25.0°
Efficiency 87 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15

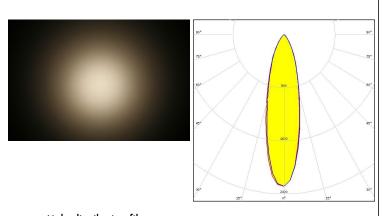


Light distribution files

CREE \$

LED CXA/B 15xx
FWHM / FWTM 27.0° / 65.0°
Efficiency 82 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15 C13723_MIRELLA-RZL



Light distribution files

CREE -

LED CXA/B 15xx
FWHM / FWTM 19.0° / 47.0°
Efficiency 84 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL



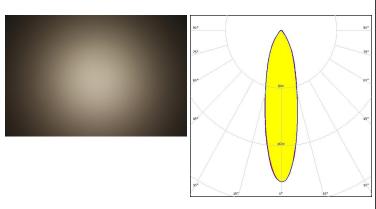
Light distribution files

OPTICAL RESULTS (MEASURED):

CREE \$

CXA/B 15xx LED 26.0° / 66.0° FWHM / FWTM Efficiency 77 % Peak intensity 2.1 cd/lm LEDs/each optic White Light colour/type Required components: C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 441 Typ L1

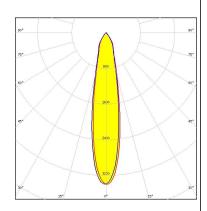


Light distribution files

CREE \$

CXA/B 15xx FWHM / FWTM 21.0° / 56.0° Efficiency 87 % Peak intensity 3.4 cd/lm LEDs/each optic Light colour/type White Required components:

C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL



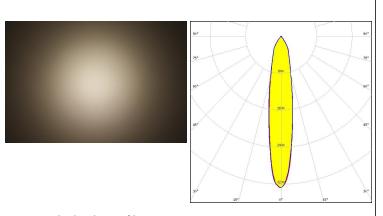
Light distribution files

CREE \$

LED CXA/B 15xx $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 19.0° / 59.0° Efficiency 79 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 441 Typ L1



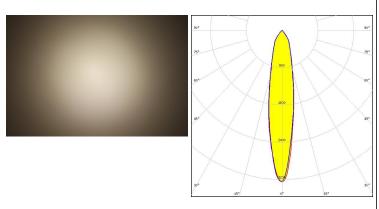
Light distribution files

OPTICAL RESULTS (MEASURED):

CREE +

LED CXA/B 15xx
FWHM / FWTM 20.0° / 60.0°
Efficiency 84 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 441 Typ L1

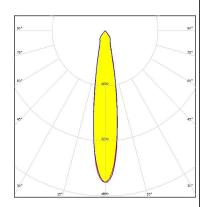


Light distribution files

CREE \$

LED CXA/B 15xx
FWHM / FWTM 18.0° / 43.0°
Efficiency 91 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15



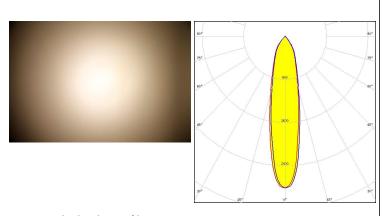
Light distribution files

CREE -

LED CXA/B 1816 & CXA/B 1820 & CXA 1850

FWHM / FWTM 23.0° / 67.0°
Efficiency 89 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

IDEAL: 50-2101CR + 50-2100MR



Light distribution files

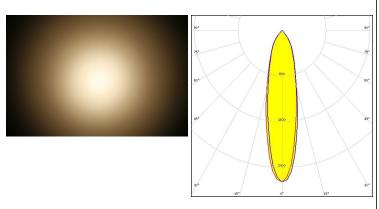


CREE +

LED CXA/B 1816 & CXA/B 1820 & CXA 1850

FWHM / FWTM 25.0° / 68.0°
Efficiency 85 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C14115_PF-SOCKET-CXA15-18

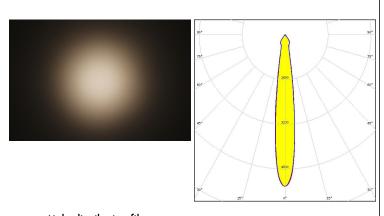


Light distribution files

CREE \$

LED MHD-E/G
FWHM / FWTM 15.0° / 32.0°
Efficiency 87 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13083_PF-SOCKET C13333_MIRELLA-CL

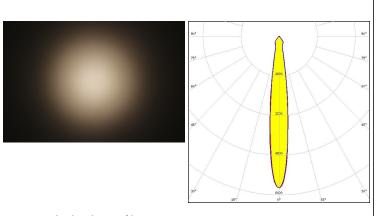


Light distribution files

CREE \$

LED MHD-E/G
FWHM / FWTM 14.0° / 31.0°
Efficiency 93 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components: C13083_PF-SOCKET

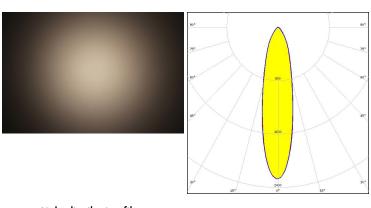


Light distribution files



CREE \$

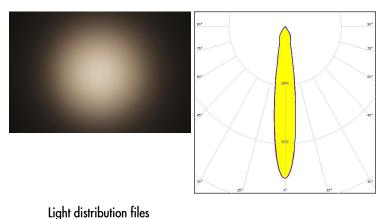
MHD-E/G LED 24.0° / 65.0° FWHM / FWTM Efficiency 84 % Peak intensity 2.3 cd/lm LEDs/each optic White Light colour/type Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL



Light distribution files

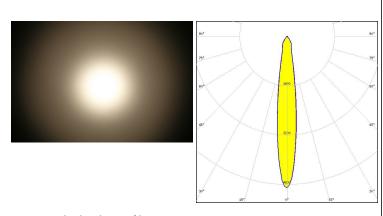
CREE \$

MHD-E/G FWHM / FWTM 17.0° / 44.0° Efficiency 87 % Peak intensity 4.1 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



CREE \$

LED MK-R $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 15.0° / 37.0° Efficiency 82 % Peak intensity 4.9 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C12479_MIRELLA-DL

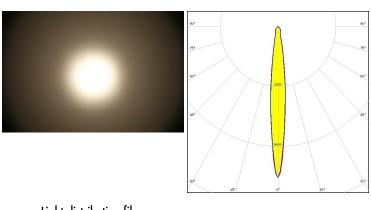


Light distribution files



CREE +

LED MK-R
FWHM / FWTM 12.0° / 27.0°
Efficiency 87 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



Light distribution files

CREE \$

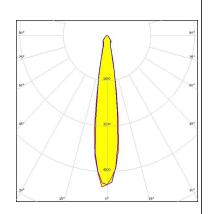
LED MT-G
FWHM / FWTM 19.0° / 46.0°
Efficiency 85 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



Light distribution files

CREE -

LED MT-G
FWHM / FWTM 17.0° / 34.0°
Efficiency 90 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



Light distribution files



CREE +

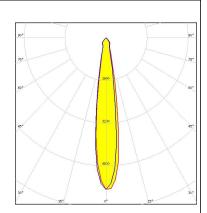
LED MT-G
FWHM / FWTM 18.0° / 34.0°
Efficiency 86 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



Light distribution files

CREE -

LED MT-G2
FWHM / FWTM 18.0° / 35.0°
Efficiency 88 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



Light distribution files

CREE -

LED MT-G2
FWHM / FWTM 16.0° / 33.0°
Efficiency 84 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



Light distribution files



CREE \$

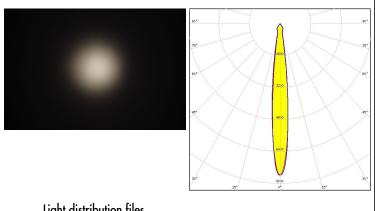
MT-G2 LED 18.0° / 43.0° FWHM / FWTM Efficiency 85 % Peak intensity 4.6 cd/lm LEDs/each optic White Light colour/type Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



Light distribution files

CREE \$

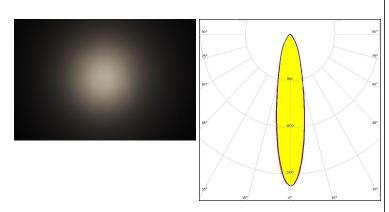
XHP50 FWHM / FWTM 12.0° / 25.0° Efficiency 84 % Peak intensity 7.6 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C13333_MIRELLA-CL



Light distribution files

CREE \$

XHP50 LED $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 22.0° / 60.0° Efficiency 81 % Peak intensity 2.6 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL



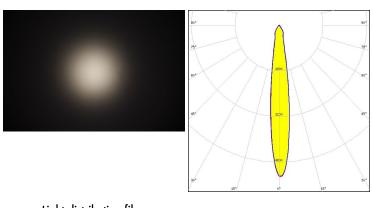
Light distribution files

Published: 03/05/2018



CREE -

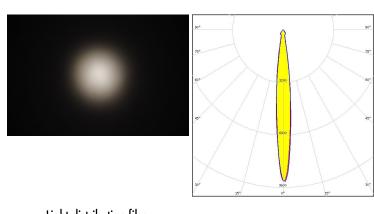
LED XHP50
FWHM / FWTM 15.0° / 34.0°
Efficiency 85 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



Light distribution files

CREE \$

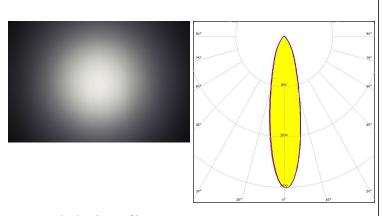
LED XHP50
FWHM / FWTM 11.0° / 23.0°
Efficiency 89 %
Peak intensity 9.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



Light distribution files

CREE -

LED XHP70
FWHM / FWTM 24.0° / 62.0°
Efficiency 81 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C13723_MIRELLA-RZL

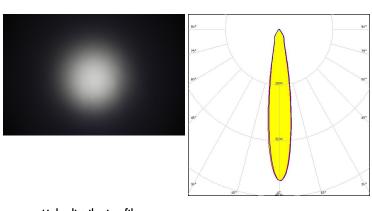


Light distribution files



CREE \$

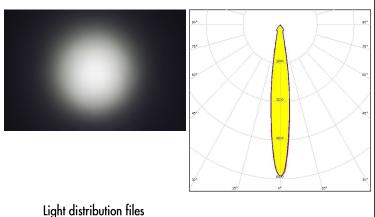
XHP70 LED 17.0° / 40.0° FWHM / FWTM Efficiency 84 % Peak intensity 4.3 cd/lm LEDs/each optic White Light colour/type Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



Light distribution files

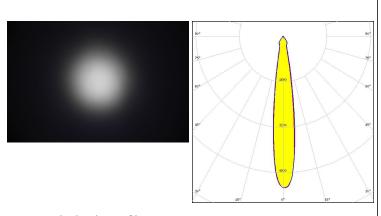
CREE \$

XHP70 FWHM / FWTM 15.0° / 31.0° Efficiency 89 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET



CREE \$

XHP70 LED $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 16.0° / 32.0° Efficiency 83 % Peak intensity 5.3 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C13333_MIRELLA-CL



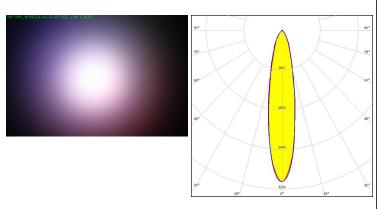
Light distribution files

OPTICAL RESULTS (MEASURED):

CREE -

LED XM-L RGBW (XMLCTW)

FWHM / FWTM 22.0° / 55.0°
Efficiency 80 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C13723_MIRELLA-RZL



Light distribution files

CREE \$

LED XQ-E HI
FWHM / FWTM 21.0° / 58.0°
Efficiency 86 %
Peak intensity 3.1 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:
C13083_PF-SOCKET

C13723_MIRELLA-RZL

•

Light distribution files

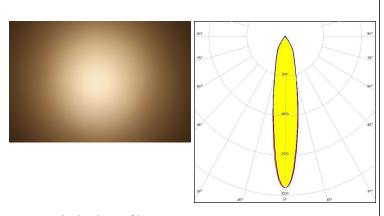
DESCRIPTION

LED LUXEON CoB 1202/1203

FWHM / FWTM 20.0° / 61.0°
Efficiency 78 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 438 Typ L1



Light distribution files

OPTICAL RESULTS (MEASURED):

MUMILEDS

LED LUXEON CoB 1202/1203

FWHM / FWTM 20.0° / 61.0°

Efficiency 84 %

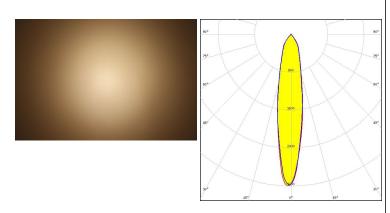
Peak intensity 3.2 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 438 Typ L1



Light distribution files



LED LUXEON CoB 1202/1203

FWHM / FWTM 19.0° / 59.0°

Efficiency 82 %

Peak intensity 3.3 cd/lm

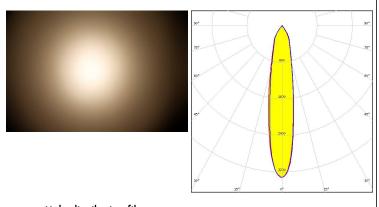
LEDs/each optic 1

Light colour/type White

Required components:

C13333_MIRELLA-CL

IDEAL: 50-2100NC +50-2100MR



Light distribution files



LED LUXEON CoB 1202/1203

FWHM / FWTM 27.0° / 67.0°

Efficiency 76 %

Peak intensity 1.9 cd/lm

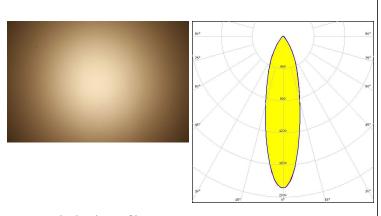
LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 438 Typ L1



Light distribution files

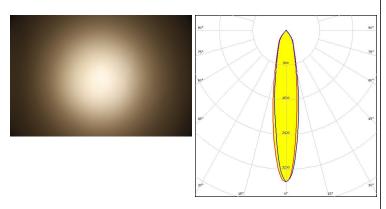
OPTICAL RESULTS (MEASURED):



LUXEON CoB 1202/1203

FWHM / FWTM 19.0° / 58.0° Efficiency 88 % Peak intensity 3.5 cd/lm LEDs/each optic White Light colour/type Required components:

IDEAL: 50-2100NC +50-2100MR



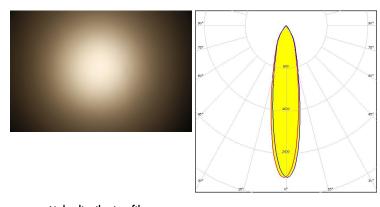
Light distribution files

LUMILEDS

LUXEON CoB 1202/1203

FWHM / FWTM 22.0° / 61.0° Efficiency 83 % Peak intensity 2.9 cd/lm LEDs/each optic Light colour/type White Required components: C12479_MIRELLA-DL

IDEAL: 50-2100NC +50-2100MR

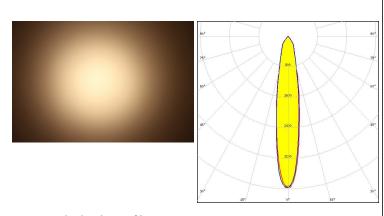


Light distribution files

MUMILEDS

LED LUXEON CoB 1202/1203

FWHM / FWTM 19.0° / 50.0° Efficiency 87 % Peak intensity 4 cd/lm LEDs/each optic Light colour/type White Required components: C14037_PF-NSX-SOCKET



Light distribution files

OPTICAL RESULTS (MEASURED):

MUMILEDS

LED LUXEON CoB 1202s

FWHM / FWTM 23.0° / 63.0°

Efficiency 79 %

Peak intensity 2.4 cd/lm

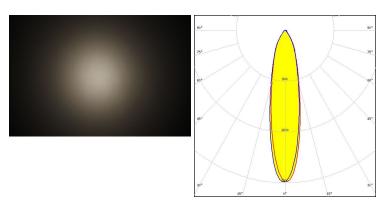
LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 452 Typ L1



Light distribution files



LED LUXEON CoB 1202s

FWHM / FWTM 13.0° / 30.0°
Efficiency 89 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White

C13761_PF-SOCKET-CXA15

Required components:



Light distribution files

DESCRIPTION

LED LUXEON CoB 1202s

FWHM / FWTM 13.0° / 28.0°
Efficiency 84 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL



Light distribution files

30/53

OPTICAL RESULTS (MEASURED):



LUXEON CoB 1202s

FWHM / FWTM 15.0° / 36.0° Efficiency 84 % Peak intensity 5.9 cd/lm LEDs/each optic White Light colour/type Required components:

C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL

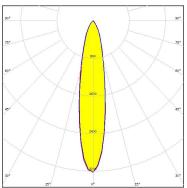


Light distribution files

LUMILEDS

LUXEON Z FWHM / FWTM 21.0° / 54.0° Efficiency 78 % Peak intensity 3.2 cd/lm LEDs/each optic Light colour/type **RGBW** Required components: C13083_PF-SOCKET





Light distribution files

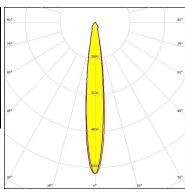


C13723_MIRELLA-RZL

LED CxM-6 (12x13) FWHM / FWTM 14.0° / 32.0° Efficiency 86 % Peak intensity 6.7 cd/lm LEDs/each optic Light colour/type White

Required components: C13083_PF-SOCKET



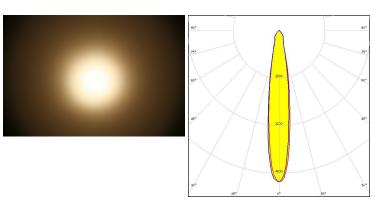


Light distribution files

OPTICAL RESULTS (MEASURED):



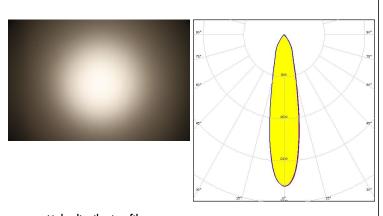
LED CXM-7 (13x13)
FWHM / FWTM 17.0° / 38.0°
Efficiency 87 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



Light distribution files



LED CxM-9 (13.5x13.5)
FWHM / FWTM 23.0° / 61.0°
Efficiency 86 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



Light distribution files



LED CxM-9 (13.5x13.5)
FWHM / FWTM 21.0° / 58.0°

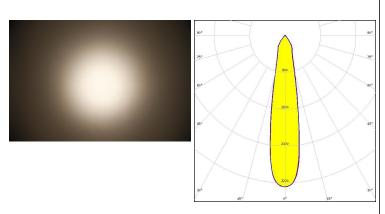
Efficiency 85 %
Peak intensity 3.3 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

C13083_PF-SOCKET
C13333_MIRELLA-CL



Light distribution files

OPTICAL RESULTS (MEASURED):



 LED
 CxM-9 (13.5x13.5)

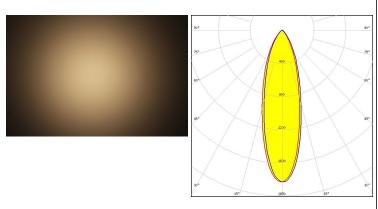
 FWHM / FWTM
 30.0° / 70.0°

 Efficiency
 81 %

 Part interaction
 4.0 of the second content of the s

Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET

C13723_MIRELLA-RZL



Light distribution files

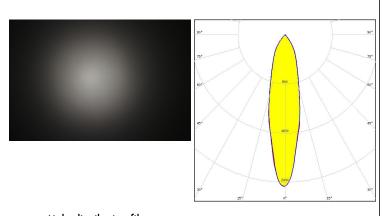


LED COB L-Type (LES 11)

FWHM / FWTM 25.0° / 68.0°
Efficiency 83 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

IDEAL: 50-2100NC +50-2100MR



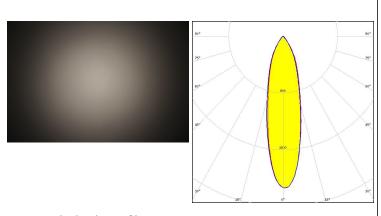
Light distribution files



LED COB L-Type (LES 11)

FWHM / FWTM 26.0° / 67.0°
Efficiency 80 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C12479_MIRELLA-DL

IDEAL: 50-2100NC +50-2100MR



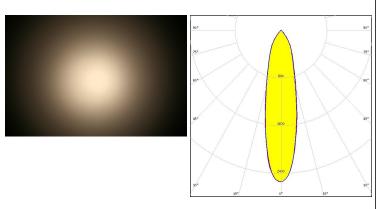
Light distribution files

OPTICAL RESULTS (MEASURED):

WNICHIA

LED COB L-Type (LES 11)

FWHM / FWTM 25.0° / 68.0°
Efficiency 86 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14037_PF-NSX-SOCKET



Light distribution files

WNICHIA

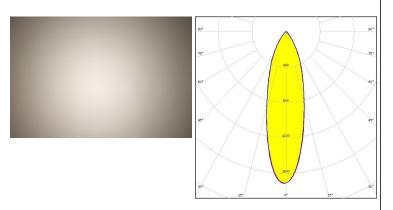
LED COB L-Type (LES 11)

FWHM / FWTM 30.0° / 70.0°
Efficiency 76 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 438 Typ L1



Light distribution files

WNICHIA

LED COB L-Type (LES 11)

FWHM / FWTM 24.0° / 65.0°

Efficiency 78 %

Peak intensity 2.4 cd/lm

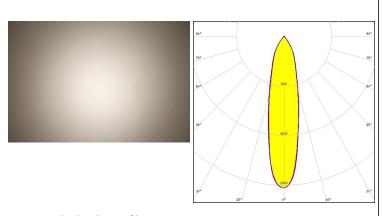
LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 438 Typ L1



Light distribution files

OPTICAL RESULTS (MEASURED):

WNICHIA

LED COB L-Type (LES 11)

FWHM / FWTM 24.0° / 68.0°

Efficiency 81 %

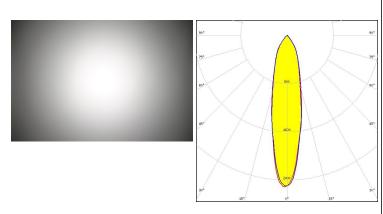
Peak intensity 2.5 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 438 Typ L1



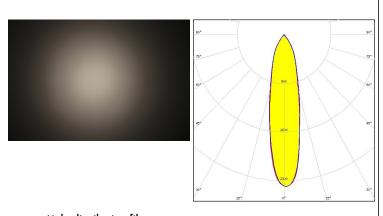
Light distribution files

WNICHIA

LED COB L-Type (LES 11)

FWHM / FWTM 24.0° / 65.0°
Efficiency 81 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13333_MIRELLA-CL

IDEAL: 50-2100NC +50-2100MR



Light distribution files

WNICHIA

LED COB L-Type (LES 9)

FWHM / FWTM 18.0° / 56.0°

Efficiency 83 %

Peak intensity 3.5 cd/lm

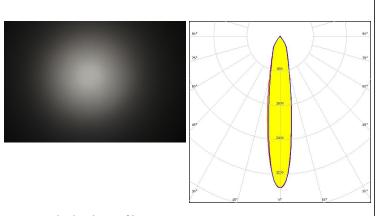
LEDs/each optic 1

Light colour/type White

Required components:

C13333_MIRELLA-CL

IDEAL: 50-2100NC +50-2100MR



Light distribution files

OPTICAL RESULTS (MEASURED):

WNICHIA

LED COB L-Type (LES 9)

FWHM / FWTM 18.0° / 58.0°

Efficiency 80 %

Peak intensity 3.3 cd/lm

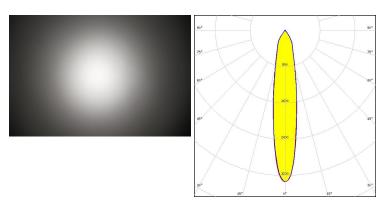
LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL Bender Wirth: 438 Typ L1



Light distribution files



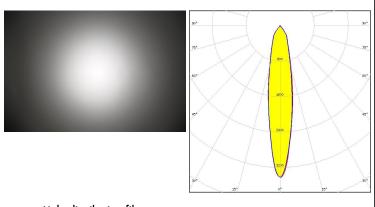
LED COB L-Type (LES 9)

FWHM / FWTM 19.0° / 57.0°
Efficiency 85 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 438 Typ L1



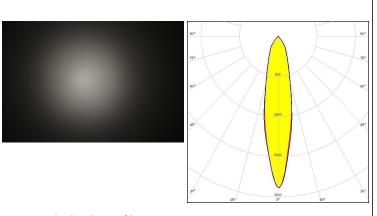
Light distribution files



LED COB L-Type (LES 9)

FWHM / FWTM 22.0° / 64.0°
Efficiency 84 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components: IDEAL: 50-2100NC +50-2100MR



Light distribution files

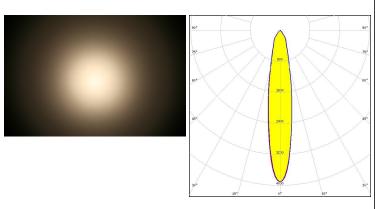
36/53

OPTICAL RESULTS (MEASURED):

WNICHIA

LED COB L-Type (LES 9)

FWHM / FWTM 19.0° / 52.0°
Efficiency 88 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14037_PF-NSX-SOCKET



Light distribution files

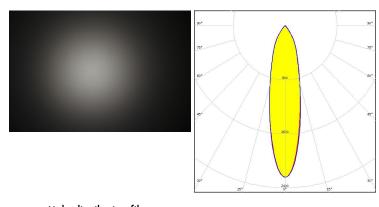
WNICHIA

LED COB L-Type (LES 9)

FWHM / FWTM 24.0° / 66.0°
Efficiency 78 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components: C12479_MIRELLA-DL

IDEAL: 50-2100NC +50-2100MR



Light distribution files

WNICHIA

LED COB L-Type (LES 9)

FWHM / FWTM 27.0° / 67.0°

Efficiency 77 %

Peak intensity 2 cd/lm

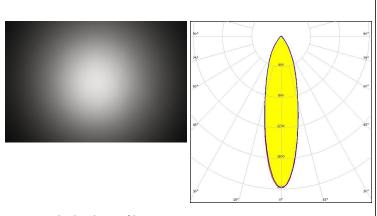
LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL Bender Wirth: 438 Typ L1



Light distribution files



WNICHIA

NSCxL036A FWHM / FWTM 16.0° / 38.0° Efficiency 86 % Peak intensity 5.1 cd/lm LEDs/each optic White Light colour/type Required components: C14037_PF-NSX-SOCKET

Light distribution files

OSRAM Opto Semiconductors

Duris S10 FWHM / FWTM 18.0° / 54.0° Efficiency 80 % Peak intensity 3.6 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



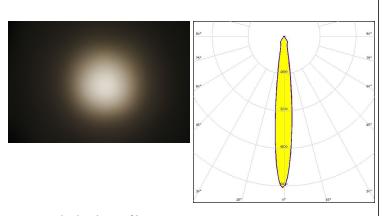
Light distribution files

OSRAM

LED Duris S10 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 13.0° / 30.0° Efficiency 81 % Peak intensity 6.5 cd/lm LEDs/each optic

Light colour/type White Required components: C13083_PF-SOCKET

C13333_MIRELLA-CL

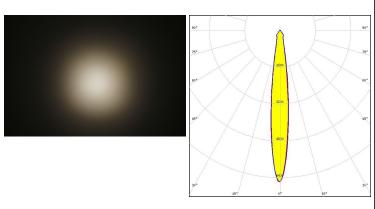


Light distribution files



OSRAM Opto Semiconductors

Duris S10 13.0° / 31.0° FWHM / FWTM Efficiency 87 % Peak intensity 6.6 cd/lm LEDs/each optic White Light colour/type Required components: C13083_PF-SOCKET



Light distribution files

OSRAM Opto Semiconductors

Duris S10 FWHM / FWTM 22.0° / 61.0° Efficiency 82 % Peak intensity 3 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL



Light distribution files

OSRAM

LED OSTAR Stage (S2WP)

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 21.0° / 58.0° Efficiency 83 % Peak intensity 3.3 cd/lm LEDs/each optic Light colour/type White Required components: C13083_PF-SOCKET

C13723_MIRELLA-RZL



Light distribution files

OSRAM Opto Semiconductors

 LED
 Ostar-SMT RGB

 FWHM / FWTM
 20.0° / 55.0°

 Efficiency
 82 %

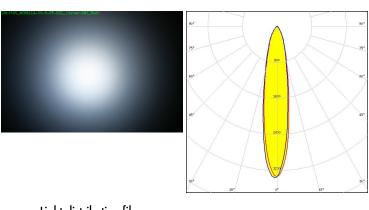
 Peak intensity
 3.4 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

 Required components:
 C13083_PF-SOCKET

 C13723_MIRELLA-RZL

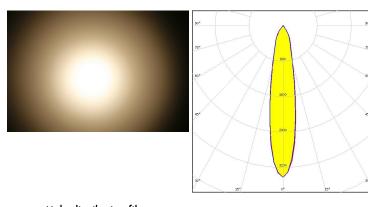


Light distribution files



LED ZC4/6
FWHM / FWTM 21.0° / 56.0°
Efficiency 83 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13083_PF-SOCKET C12479_MIRELLA-DL

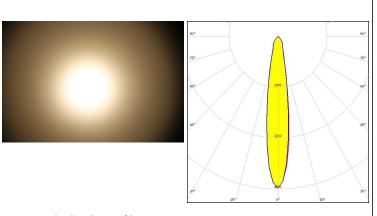


Light distribution files



LED ZC4/6
FWHM / FWTM 18.0° / 42.0°
Efficiency 88 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13083_PF-SOCKET

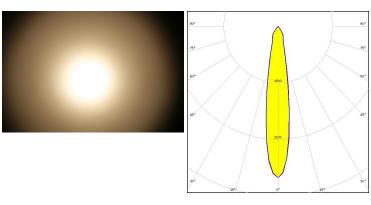


Light distribution files

OPTICAL RESULTS (MEASURED):



LED ZC4/6
FWHM / FWTM 19.0° / 44.0°
Efficiency 83 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C13083_PF-SOCKET



Light distribution files

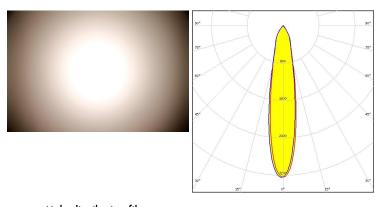
SHARP

C13333_MIRELLA-CL

LED Mini Zenigata (GW6BM)

FWHM / FWTM 20.0° / 56.0°
Efficiency 84 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



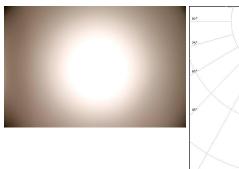
Light distribution files

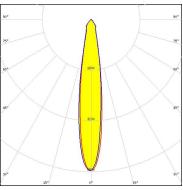
SHARP

LED Mini Zenigata (GW6BM)

FWHM / FWTM 17.0° / 41.0°
Efficiency 91 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13083_PF-SOCKET





Light distribution files



XICATO

 LED
 XTM - 9mm LES

 FWHM / FWTM
 20.0° / 61.0°

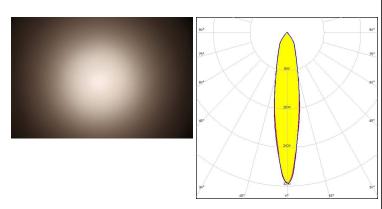
 Efficiency
 82 %

 Peak intensity
 3.2 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

 Required components:
 C14636_XTM-PF-ADAPTER



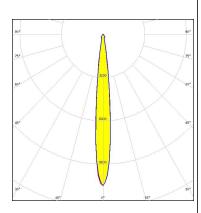
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED XHP50.2
FWHM / FWTM 11.0° / 22.0°
Efficiency 90 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED LUXEON CoB Compact

FWHM / FWTM 13.0° / 30.0°
Efficiency 89 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13761_PF-SOCKET-CXA15

Light distribution files

DESCRIPTION

LED LUXEON CoB Compact

FWHM / FWTM 15.0° / 36.0°
Efficiency 84 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL

Light distribution files

43/53

OPTICAL RESULTS (SIMULATED):



LED LUXEON CoB Compact

FWHM / FWTM 23.0° / 63.0°
Efficiency 79 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL

Light distribution files

Bender Wirth: 452 Typ L1

MILEDS

LED LUXEON CoB Compact

FWHM / FWTM 13.0° / 28.0°
Efficiency 84 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL

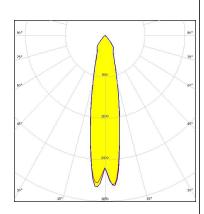
Light distribution files

DESCRIPTION

LED LUXEON K4
FWHM / FWTM 24.0° / 72.0°
Efficiency 88 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13761_PF-SOCKET-CXA15



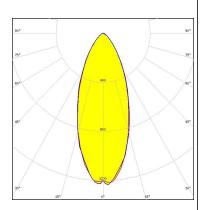
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON K4
FWHM / FWTM 42.0° / 87.0°
Efficiency 84 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL



Light distribution files



LED CxM-14 (19x19)
FWHM / FWTM 33.0° / 72.0°
Efficiency 69 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL

Light distribution files

Bender Wirth: 433 Typ L1



LED CxM-14 (19x19)
FWHM / FWTM 31.0° / 70.0°
Efficiency 72 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL

Light distribution files

Bender Wirth: 433 Typ L1

OPTICAL RESULTS (SIMULATED):



LED CxM-14 (19x19)
FWHM / FWTM 29.0° / 72.0°

Efficiency 76 %

Peak intensity 1.8 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Light distribution files

ELUMINUS

 LED
 CxM-9 (13.5x13.5)

 FWHM / FWTM
 20.0° / 61.0°

 Efficiency
 80 %

 Peak intensity
 3.1 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL

Light distribution files

Bender Wirth: 434 Typ L1



LED CxM-9 (13.5x13.5)
FWHM / FWTM 21.0° / 63.0°
Efficiency 84 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 434 Typ L1

Light distribution files



LFD CxM-9 (13.5x13.5) FWHM / FWTM 27.0° / 67.0°

Efficiency 77 % Peak intensity 2 cd/lm LEDs/each optic Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL

Light distribution files

Bender Wirth: 434 Typ L1

WNICHIA

LFD COB S-Type (LES 7)

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 23.0° / 63.0° Efficiency 79 % 2.4 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL

Light distribution files

Bender Wirth: 452 Typ L1



COB S-Type (LES 7)

FWHM / FWTM 19.0° / 49.0° Efficiency 87 % Peak intensity 3.9 cd/lm LEDs/each optic White Light colour/type

Required components:

C13709_PF-SOCKET-VERO13-18

Light distribution files Bender Wirth: 452 Typ L1



LFD COB S-Type (LES 7)

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 15.0° / 41.0° Efficiency 83 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL

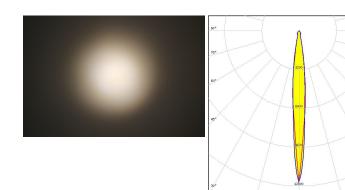
Light distribution files

Bender Wirth: 452 Typ L1

OSRAM Opto Semiconductore

Duris S8 LFD FWHM / FWTM 9.5° / 24.0° Efficiency 94 % 12.5 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White

Required components: C13083_PF-SOCKET



Light distribution files

OSRAM

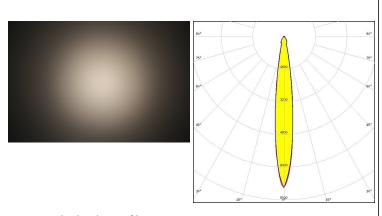
Duris S8 FWHM / FWTM 14.0° / 29.0°

Efficiency 90 % Peak intensity 7.4 cd/lm LEDs/each optic

White

Required components: C13083_PF-SOCKET C12479_MIRELLA-DL

Light colour/type



Light distribution files



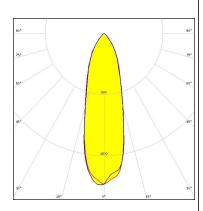
OSRAM Opto Semiconductors

LED Soleriq S15
FWHM / FWTM 28.0° / 74.0°
Efficiency 85 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 433 Typ L1



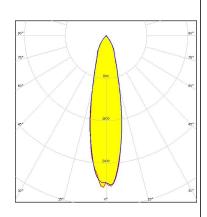
Light distribution files

OSRAM Opto Semiconductore

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LED Soleriq S9
FWHM / FWTM 24.0° / 61.0°
Efficiency 87 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components: C13083_PF-SOCKET C13333_MIRELLA-CL



Light distribution files

OSRAM

 LED
 Soleriq S9

 FWHM / FWTM
 19.0° / 56.0°

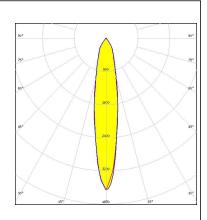
 Efficiency
 87 %

Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 434 Typ L1



Light distribution files

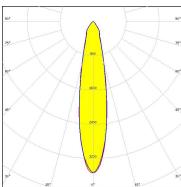


OSRAM Opto Semiconductors

LED Soleriq S9 FWHM / FWTM 21.0° / 54.0° Efficiency 91 % Peak intensity 3.5 cd/lm LEDs/each optic Light colour/type White Required components:

C13083_PF-SOCKET

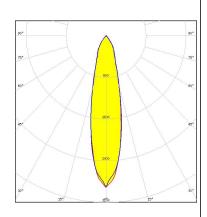
Light distribution files



OSRAM Opto Semiconductore

LFD Soleriq S9 24.0° / 61.0° FWHM / FWTM 86 % Efficiency Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour/type White

Required components: C13083_PF-SOCKET C12479_MIRELLA-DL



Light distribution files

SAMSUNG

LC010C FWHM / FWTM 16.0° / 41.0° Efficiency 87 % Peak intensity 4.8 cd/lm LEDs/each optic Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Light distribution files

Bender Wirth: 479 Typ L1



SAMSUNG

LEDLC020CFWHM / FWTM16.0° / 49.0°Efficiency86 %Peak intensity4.1 cd/lmLEDs/each optic1Light colour/typeWhite

Required components: C13709_PF-SOCKET-VERO13-18

Bender Wirth: 479 Typ L1

99°

29°

29°

30°

30°

30°

32°

32°

32°

Light distribution files

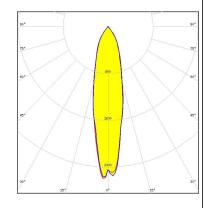
SAMSUNG

LED LC040C
FWHM / FWTM 23.0° / 66.0°
Efficiency 84 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 480 Typ L1



Light distribution files



LED ZC4/6
FWHM / FWTM 21.0° / 63.0°
Efficiency 84 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 434 Typ L1

51/53

OPTICAL RESULTS (SIMULATED):



LED 7C4/6 FWHM / FWTM 27.0° / 67.0° Efficiency 77 % Peak intensity 2 cd/lm LEDs/each optic Light colour/type White

Required components:

C13709_PF-SOCKET-VERO13-18

C12479_MIRELLA-DL

Bender Wirth: 434 Typ L1



LED 7C4/6 FWHM / FWTM 20.0° / 61.0° Efficiency 80 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour/type White Required components:

C13709_PF-SOCKET-VERO13-18

C13333_MIRELLA-CL

Bender Wirth: 434 Typ L1



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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