

FLORENTINA-HLD-O-90

~35° + 15° oval beam. Variant with beam direction rotated 90°.

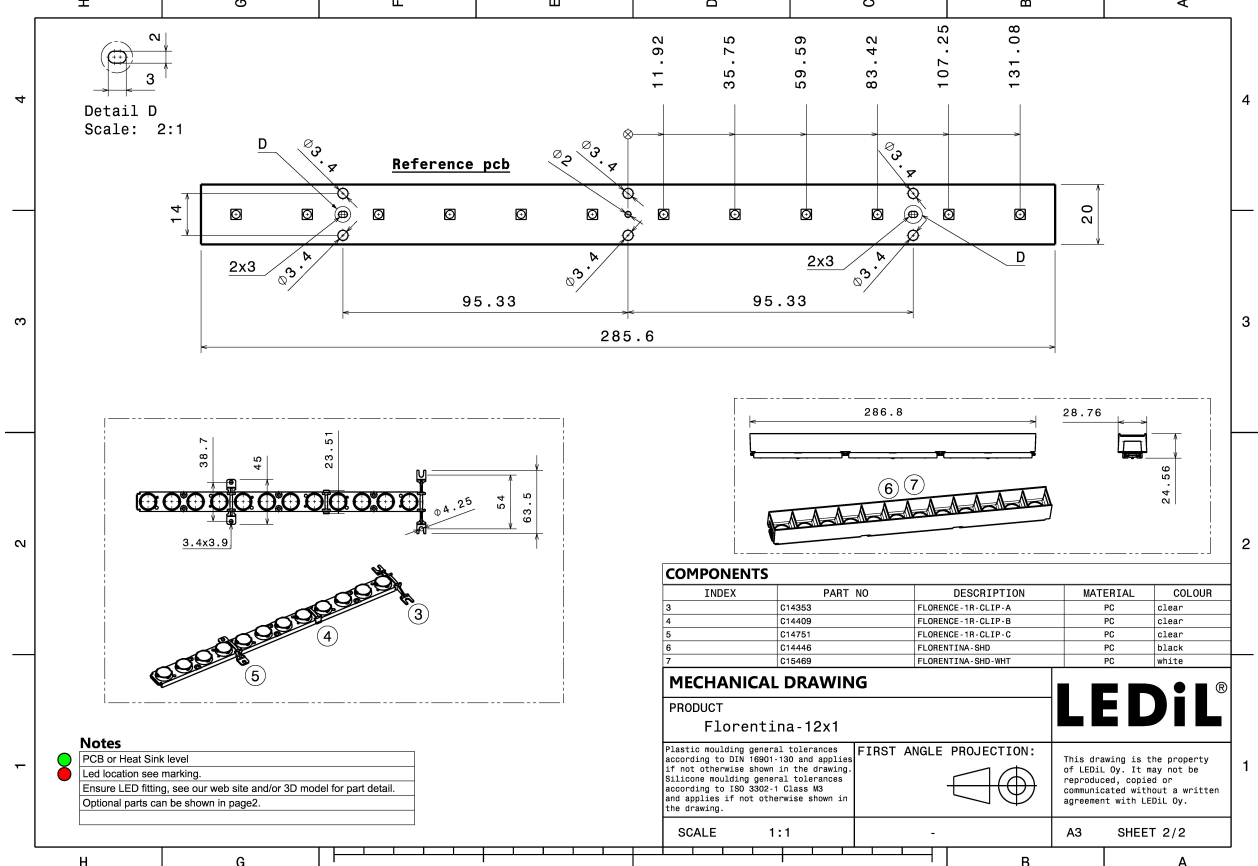
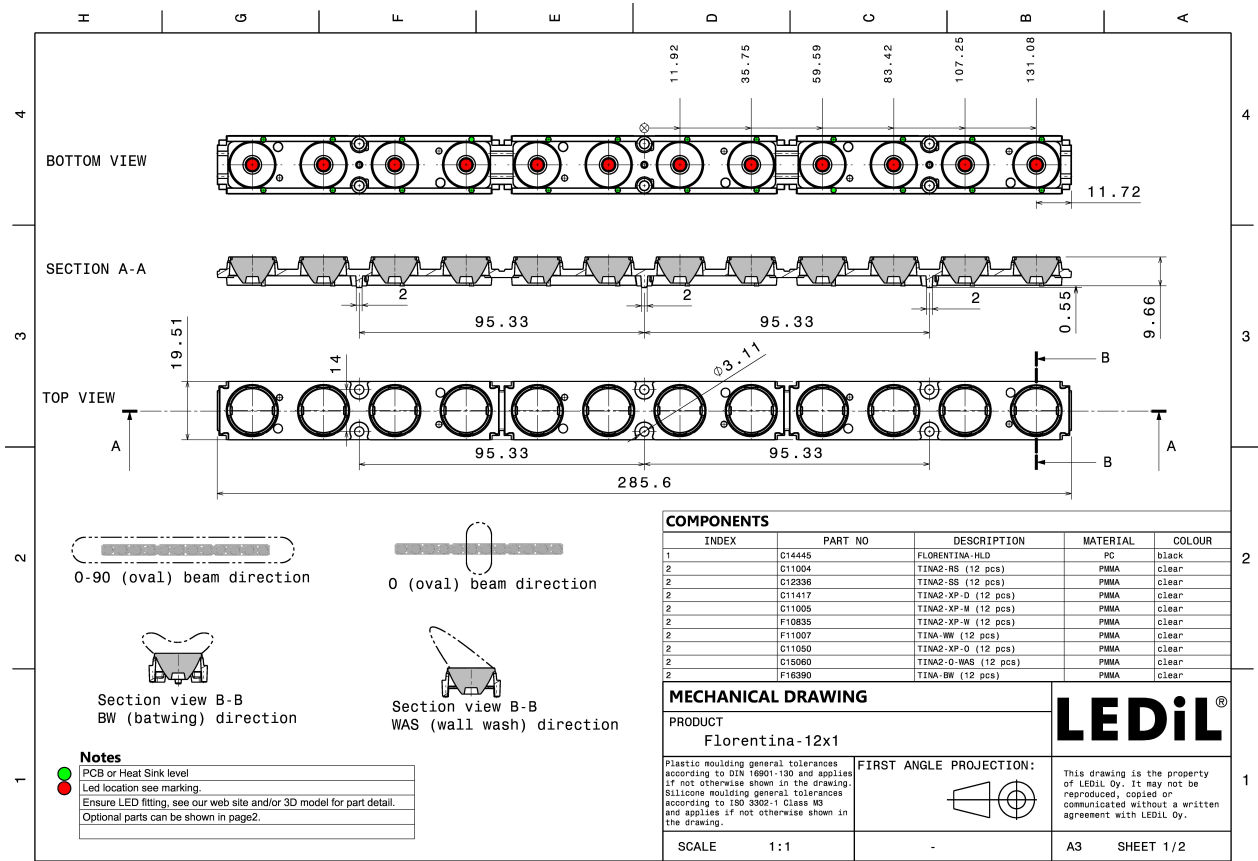
TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.7 mm
Fastening	screw
Colour	black
Box size	390 x 300 x 130 mm
Box weight	5.4 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-O	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-E2
FWHM 35.0 + 12.0°
Efficiency 83 %
Peak intensity 5.050 cd/lm
Required components:
C14446_FLORENTINA-SHD

CREE

LED XP-G2
FWHM 34.0 + 15.0°
Efficiency 83 %
Peak intensity 4.200 cd/lm
Required components:
C14446_FLORENTINA-SHD

LG Innotek

LED H35C1 (LEMWA33)
FWHM 34.0 + 16.0°
Efficiency 80 %
Peak intensity 3.660 cd/lm
Required components:
C14446_FLORENTINA-SHD

LUMILEDS

LED LUXEON Rebel ES
FWHM 33.0 + 17.0°
Efficiency 79 %
Peak intensity 3.600 cd/lm
Required components:
C14446_FLORENTINA-SHD

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel Plus
FWHM 33.0 + 15.0°
Efficiency 81 %
Peak intensity 4.300 cd/lm
Required components:
C14446_FLORENTINA-SHD

LUMILEDS

LED LUXEON TX
FWHM 34.0 + 16.0°
Efficiency 81 %
Peak intensity 3.800 cd/lm
Required components:
C14446_FLORENTINA-SHD

LUMILEDS

LED LUXEON Z ES
FWHM 34.0 + 13.0°
Efficiency 82 %
Peak intensity 5.100 cd/lm
Required components:
C14446_FLORENTINA-SHD

NICHIA

LED NCSxx19B
FWHM 34.0 + 14.0°
Efficiency 79 %
Peak intensity 4.200 cd/lm
Required components:
C14446_FLORENTINA-SHD

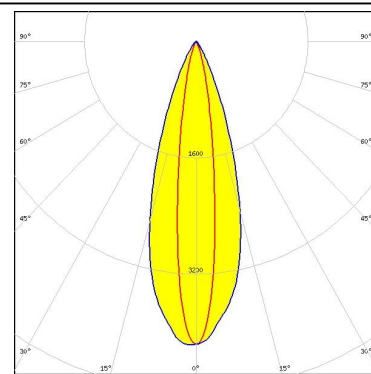
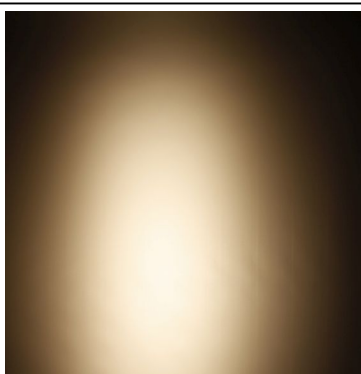
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19B/NVSxx19C
 FWHM 34.0 + 17.0°
 Efficiency 78 %
 Peak intensity 3.430 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon Square EC
 FWHM 15.0 + 34.0°
 Efficiency 85 %
 Peak intensity 4.200 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon SSL 80
 FWHM 33.0 + 15.0°
 Efficiency 79 %
 Peak intensity 4.080 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



SAMSUNG

LED LH351B
 FWHM 34.0 + 18.0°
 Efficiency 94 %
 Peak intensity 3.480 cd/lm
 Required components:
 C14446_FLORENTINA-SHD

PHOTOMETRIC DATA (MEASURED):

TOSHIBA
Leading Innovation >>>

LED TL1L4
FWHM 34.0 + 17.0°
Efficiency 79 %
Peak intensity 3.590 cd/lm
Required components:
C14446_FLORENTINA-SHD

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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