

TINA-D

~16° diffused spot beam optimized for Nichia NS6x83. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	11.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

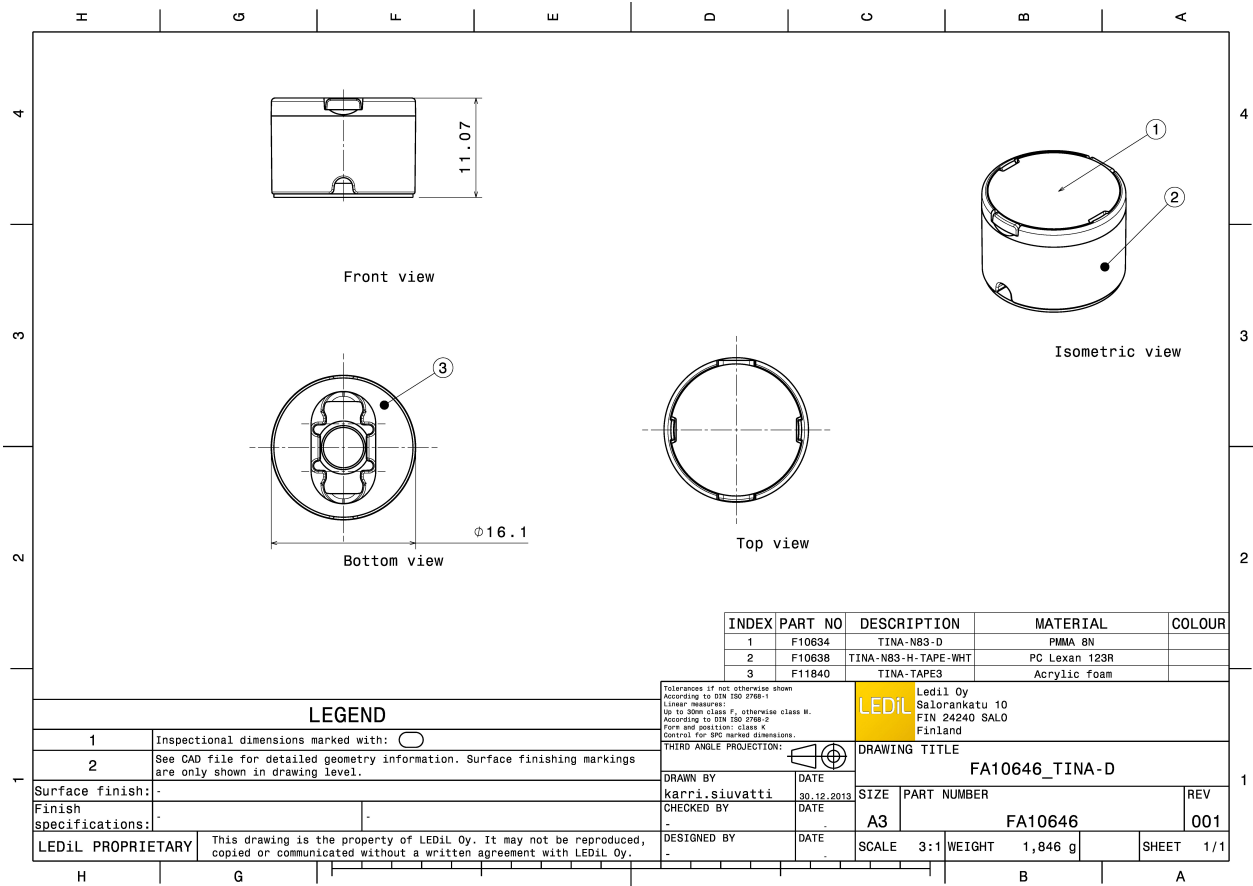


MATERIALS:

Component	Type	Material	Colour	Finish	Length
TINA-N83-D	Single lens	PMMA	clear		16.0
TINA-N83-H-TAPE-WHT	Holder	PC	white		16.0
TINA-TAPE3	Tape	Acrylic foam	black		16.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA10646_TINA-D » Box size:	2016	288	144	4.0



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

OPTICAL RESULTS (MEASURED):



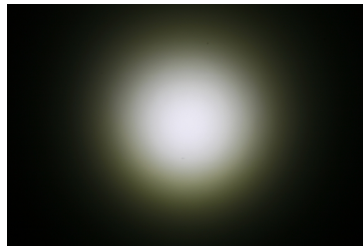
LED MX-6
FWHM / FWTM 19.0° / 48.0°
Efficiency 91 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NS6x83
FWHM / FWTM 23.0° / 50.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

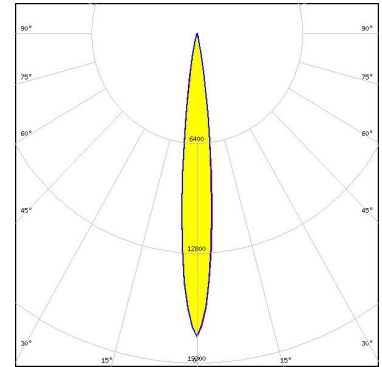


Light distribution files

OPTICAL RESULTS (SIMULATED):



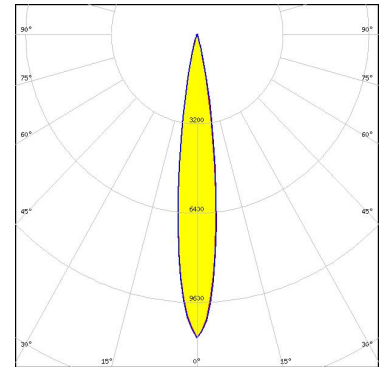
LED XP-E2
FWHM / FWTM 12.0° / 22.0°
Efficiency 92 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



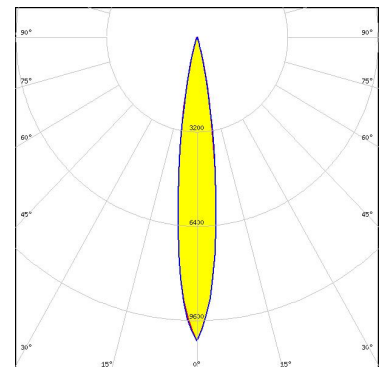
LED XP-G2
FWHM / FWTM 14.0° / 28.0°
Efficiency 92 %
Peak intensity 10.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L HI
FWHM / FWTM 14.0° / 28.0°
Efficiency 93 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

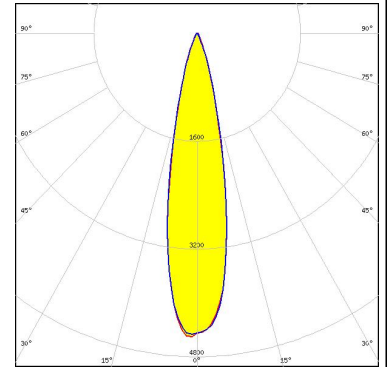


Light distribution files

OPTICAL RESULTS (SIMULATED):



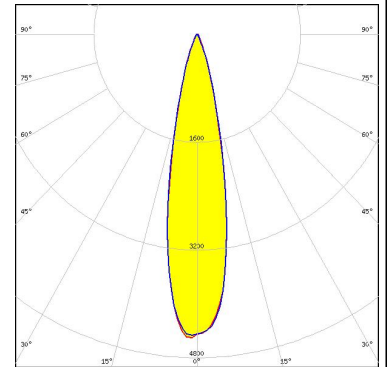
LED NV4WB35AM
FWHM / FWTM 22.0° / 41.0°
Efficiency 90 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



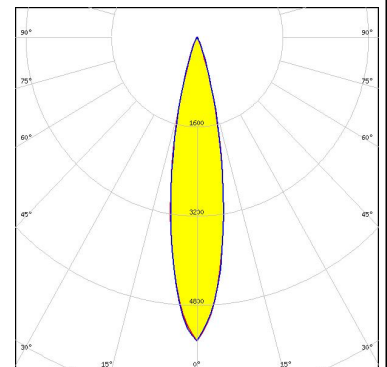
LED NV4WB35AM
FWHM / FWTM 22.0° / 41.0°
Efficiency 90 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

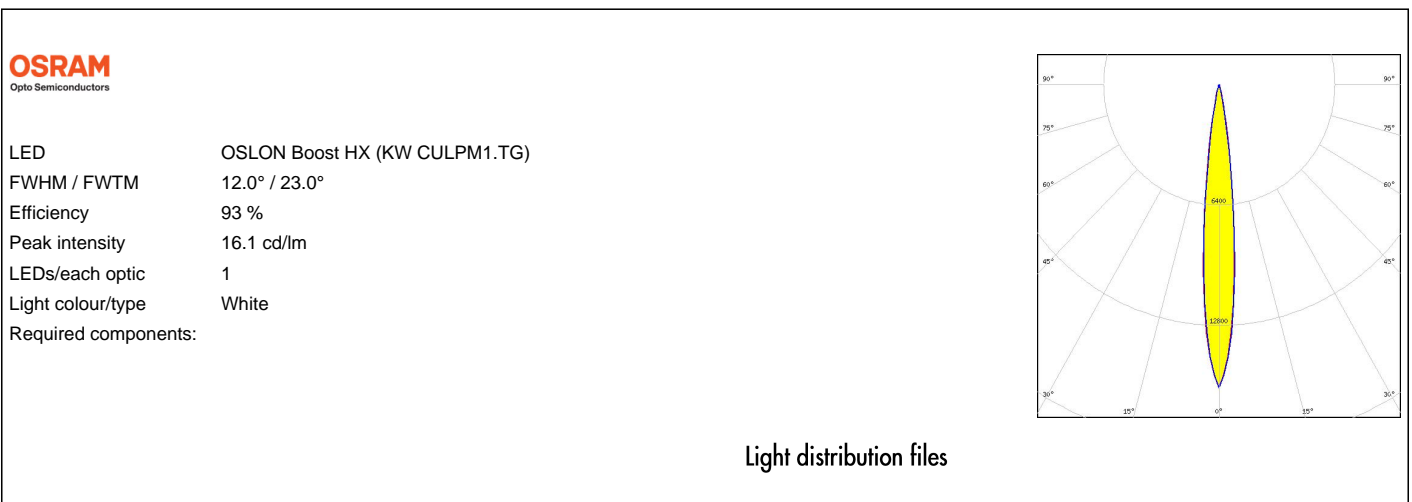
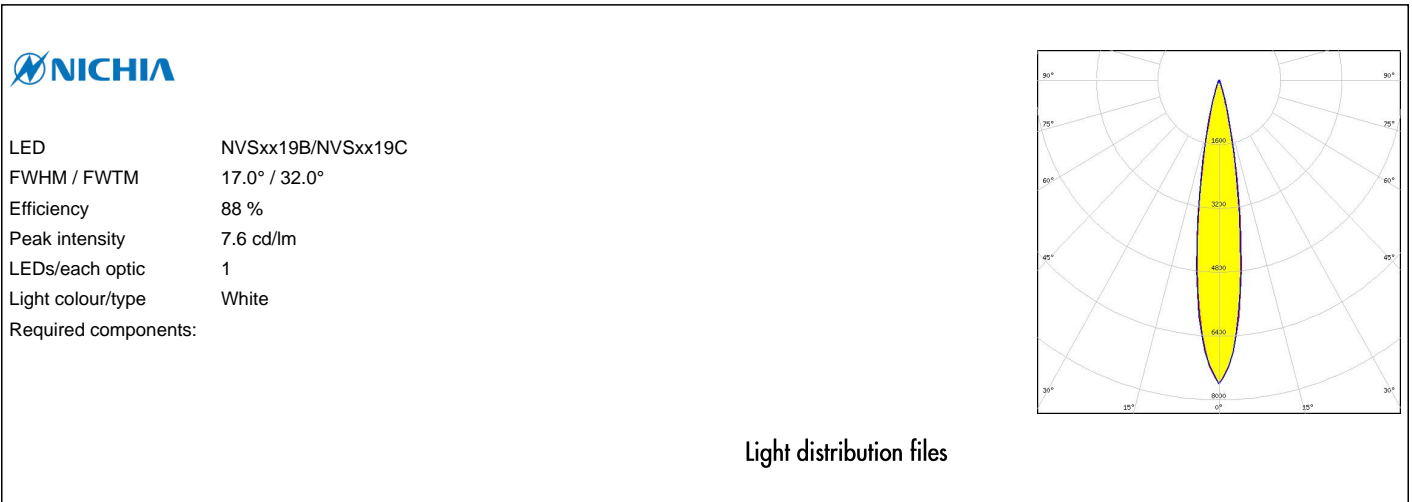


LED NVSW519A
FWHM / FWTM 20.0° / 38.0°
Efficiency 88 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



GENERAL INFORMATION:

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

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

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

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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