

TINA-Y-SS

~16° smooth spot beam. Assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions Ø 16.1 mm Height 10 mm Fastening tape, pin yes 🕕 **ROHS** compliant



MATERIALS:

Component	Type	Material	Colour	Finish
TINA-Y-SS	Single lens	PMMA	clear	gloss
TINA-Y-HLD	Holder	PC	black	gloss
TINA-Y-TAPE	Tape	Acrylic foam		

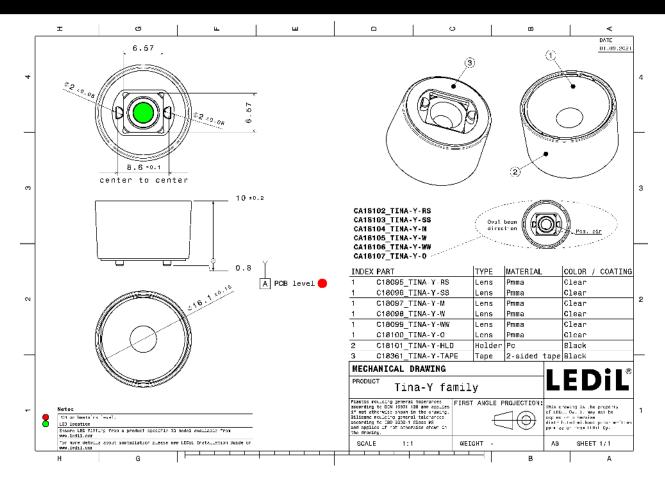
ORDERING INFORMATION:

» Box size: 476 x 273 x 197 mm

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18103_TINA-Y-SS	3900	300	300	5.7



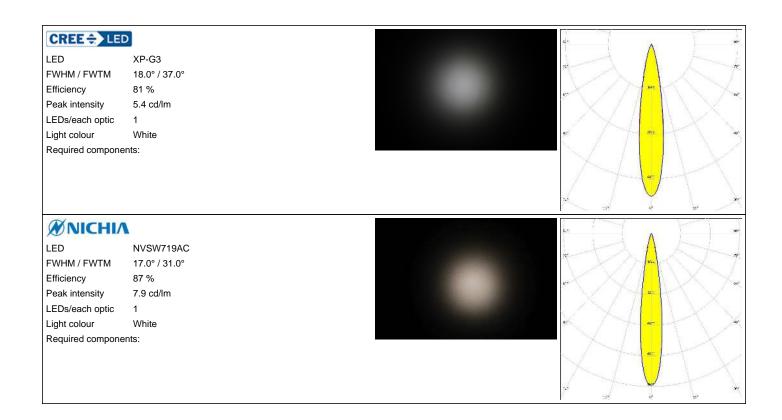
PRODUCT DATASHEET CA18103_TINA-Y-SS



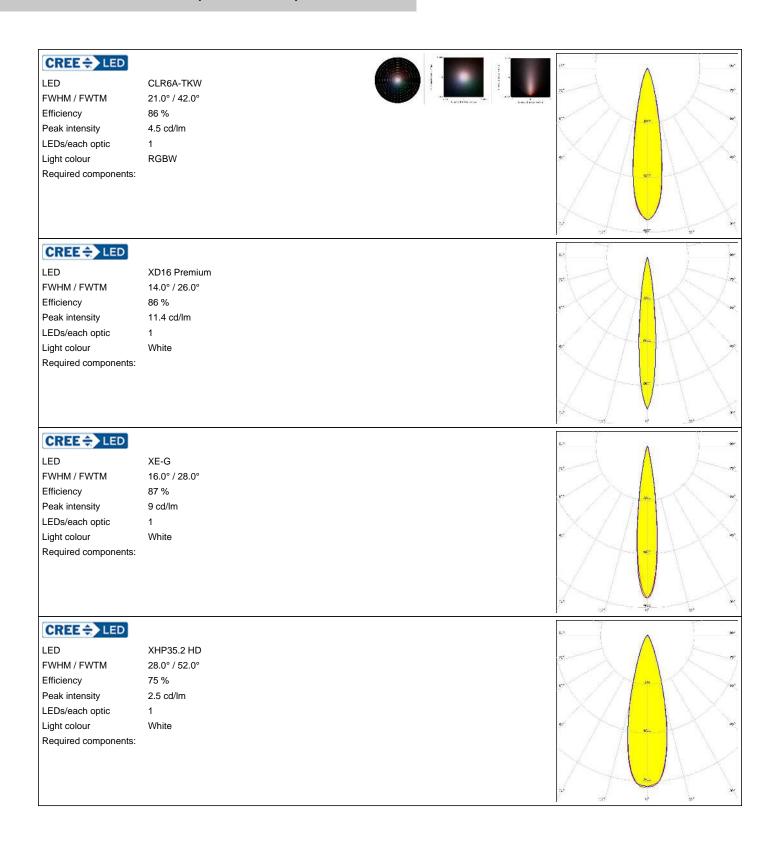
See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):









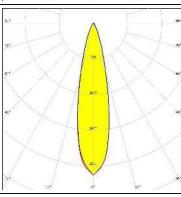


LED XHP35.2 HI FWHM / FWTM 22.0° / 46.0° Efficiency 83 % Peak intensity 3.8 cd/lm LEDs/each optic Light colour White

CREE - LED

Required components:

LED XHP50.3 HI FWHM / FWTM 24.0° / 48.0° Efficiency 82 % Peak intensity 3.4 cd/lm LEDs/each optic 1 White Light colour Required components:



CREE + LED

LED XM-L RGBW (XMLDCL HD)

FWHM / FWTM 30.0° / 50.0° Efficiency 85 % Peak intensity 2.7 cd/lm LEDs/each optic Light colour **RGBW** Required components:

CREE & LED

XM-L RGBW (XMLDCL HI)

FWHM / FWTM 20.0° / 38.0° Efficiency 85 % Peak intensity 5.3 cd/lm LEDs/each optic **RGBW** Light colour Required components:

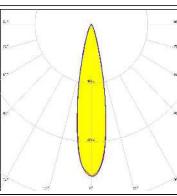




LED XM-L3 FWHM / FWTM 21.0° / 42.0° Efficiency 80 % Peak intensity 4 cd/lm

LEDs/each optic Light colour White

Required components:

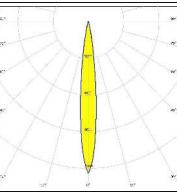


CREE - LED

LED XP-E2 FWHM / FWTM 12.0° / 24.0° Efficiency 88 % Peak intensity 13 cd/lm

LEDs/each optic 1 White Light colour

Required components:

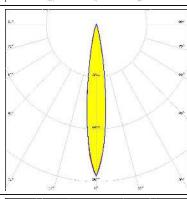


CREE + LED

LED XP-G2 FWHM / FWTM 15.0° / 28.0° Efficiency 87 %

Peak intensity 9 cd/lm LEDs/each optic Light colour White

Required components:



CREE - LED

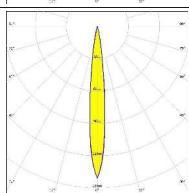
XP-P FWHM / FWTM 12.0° / 22.0° Efficiency 89 %

Peak intensity 15.1 cd/lm LEDs/each optic

White

Required components:

Light colour







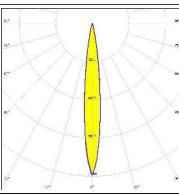
LED XQ-E HD

FWHM / FWTM 12.0° / 24.0° Efficiency 87 %

Peak intensity 12.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:



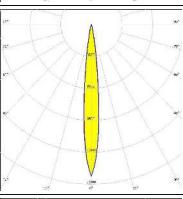
CREE \$\(\phi\) LED

LED XQ-E HI FWHM / FWTM 12.0° / 22.0°

Efficiency 87 %
Peak intensity 15.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



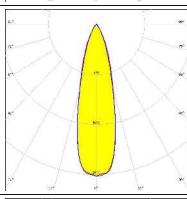
DUMILEDS

LED LUXEON 5050 Round LES

White

FWHM / FWTM 28.0° / 56.0° Efficiency 80 % Peak intensity 2.4 cd/lm LEDs/each optic 1

Light colour
Required components:

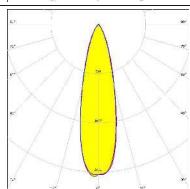


MUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM 26.0° / 56.0°
Efficiency 78 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:







 LED
 LUXEON C

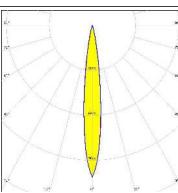
 FWHM / FWTM
 14.0° / 26.0°

 Efficiency
 79 %

 Peak intensity
 10.8 cd/lm

LEDs/each optic 1
Light colour White

Required components:

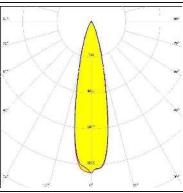


MUMILEDS

LED LUXEON MZ
FWHM / FWTM 24.0° / 47.0°
Efficiency 81 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour White

Required components:



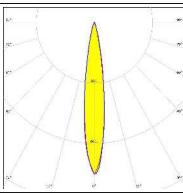
MILEDS

LED LUXEON TX
FWHM / FWTM 15.0° / 30.0°
Efficiency 84 %
Peak intensity 8 cd/lm
LEDs/each optic 1

White

Required components:

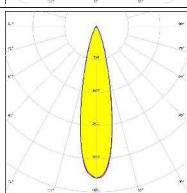
Light colour



WNICHIA

LED NV4WB35AM
FWHM / FWTM 24.0° / 46.0°
Efficiency 85 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

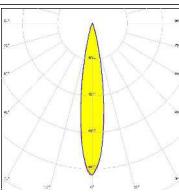






LED NVSW219F $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 18.0° / 33.0° Efficiency 87 % Peak intensity 6.6 cd/lm LEDs/each optic Light colour White

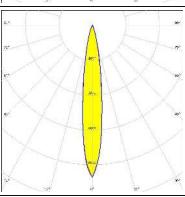
Required components:



WNICHIA

LED NVSxE21A FWHM / FWTM 16.0° / 34.0° Efficiency 79 % Peak intensity 7 cd/lm LEDs/each optic 1 White Light colour

Required components:

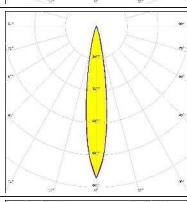


OSRAM Opto Semiconductors

OSLON Square CSSRM2/CSSRM3 LED

FWHM / FWTM 16.0° / 32.0° Efficiency 86 % Peak intensity 7.5 cd/lm LEDs/each optic 1 Light colour White

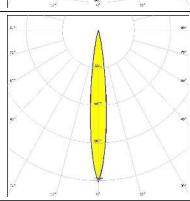
Required components:



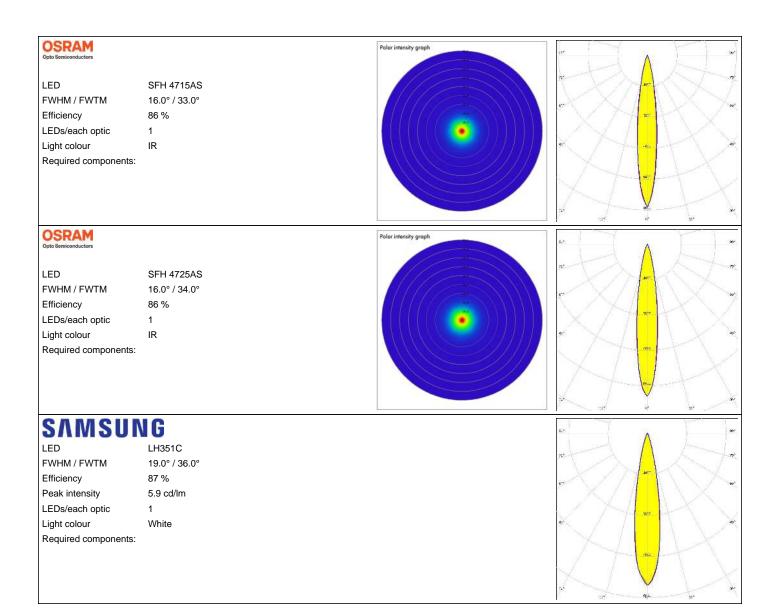
OSRAM Opto Semiconductors

LED OSLON SSL 150 FWHM / FWTM 13.0° / 25.0° Efficiency 88 % Peak intensity 13 cd/lm LEDs/each optic White Light colour

Required components:









PRODUCT DATASHEET CA18103_TINA-Y-SS

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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