

#### **TINA-Y-RS**

~14° spot beam. Assembly with holder, installation tape and pins.

#### SPECIFICATION:

Dimensions Ø 16.1 mm
Height 10 mm
Fastening tape, pin
ROHS compliant yes ①



#### **MATERIALS:**

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

#### **ORDERING INFORMATION:**

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

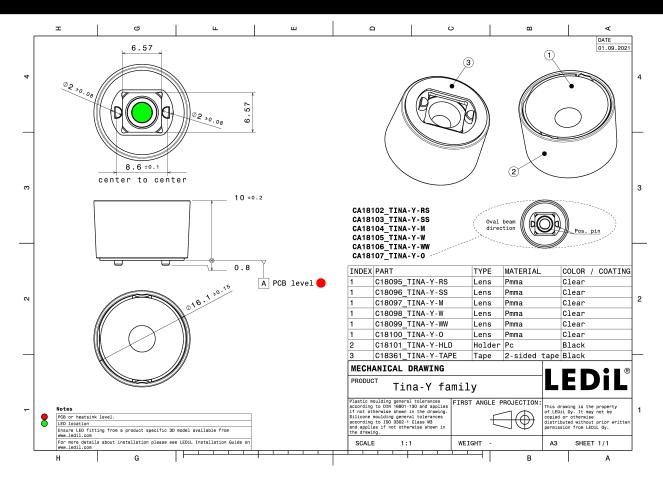
 CA18102 TINA-Y-RS
 3900
 300
 5.6

» Box size: 476 x 273 x 197 mm

Last update: 14/04/2023 Subject to change without prior notice



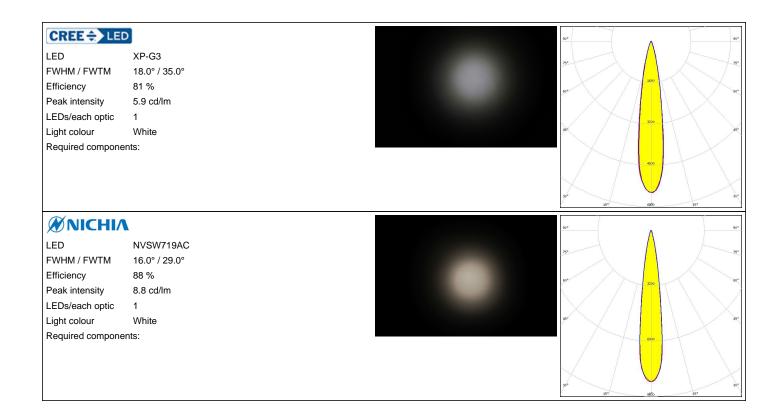
# PRODUCT DATASHEET CA18102\_TINA-Y-RS



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



## **OPTICAL RESULTS (MEASURED):**



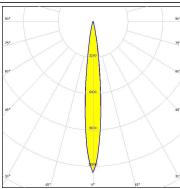


White



LED XD16 Premium
FWHM / FWTM 12.0° / 24.0°
Efficiency 86 %
Peak intensity 13.4 cd/lm
LEDs/each optic 1

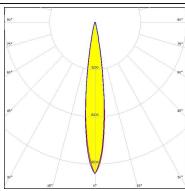
Light colour
Required components:



## CREE \$\(\preceq\) LED

LED XE-G
FWHM / FWTM 14.0° / 26.0°
Efficiency 87 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1

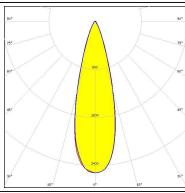
LEDs/each optic 1
Light colour White
Required components:



#### CREE + LED

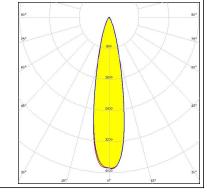
LED XHP35.2 HD
FWHM / FWTM 30.0° / 52.0°
Efficiency 76 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### CREE - LED

LED XHP35.2 HI
FWHM / FWTM 22.0° / 44.0°
Efficiency 84 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:







 LED
 XHP50.3 HI

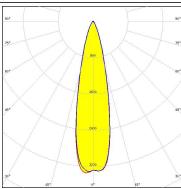
 FWHM / FWTM
 24.0° / 48.0°

 Efficiency
 82 %

 Peak intensity
 3.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:

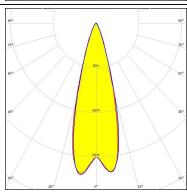


#### CREE & LED

LED XM-L RGBW (XMLDCL HD)

FWHM / FWTM 30.0° / 49.0°
Efficiency 85 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour RGBW

Required components:

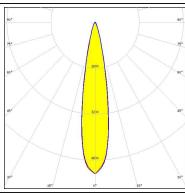


#### CREE + LED

LED XM-L RGBW (XMLDCL HI)

FWHM / FWTM 20.0° / 37.0°
Efficiency 85 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour RGBW

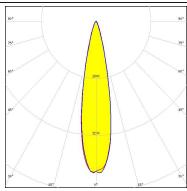
Required components:



#### CREE - LED

LED XM-L3
FWHM / FWTM 21.0° / 40.0°
Efficiency 81 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

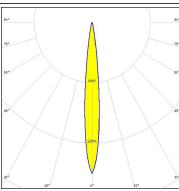






LED XP-E2
FWHM / FWTM 11.0° / 22.0°
Efficiency 88 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour White

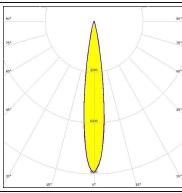
Required components:



## CREE - LED

LED XP-G2
FWHM / FWTM 15.0° / 28.0°
Efficiency 88 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour White

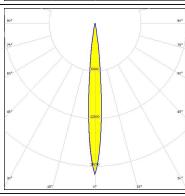
Required components:



#### CREE \$\(\preceq\) LED

LED XP-P
FWHM / FWTM 10.0° / 20.0°
Efficiency 89 %
Peak intensity 20.4 cd/lm
LEDs/each optic 1

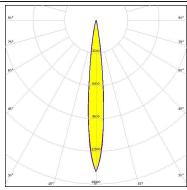
Light colour White Required components:



#### CREE - LED

LED XQ-E HD
FWHM / FWTM 12.0° / 22.0°
Efficiency 87 %
Peak intensity 14.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



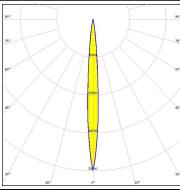




LED XQ-E HI  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 8.0° / 18.0° Efficiency 87 % Peak intensity 25.6 cd/lm LEDs/each optic

Required components:

Light colour



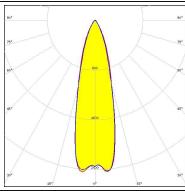
## **MUMILEDS**

LED LUXEON 5050 Round LES

White

FWHM / FWTM 28.0° / 56.0° Efficiency 81 % Peak intensity 2.5 cd/lm LEDs/each optic 1 White Light colour

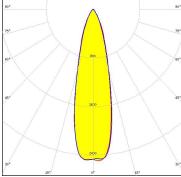
Required components:



### LUMILEDS

LED LUXEON 5050 Square LES

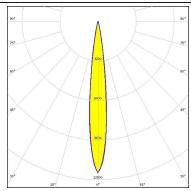
FWHM / FWTM 26.0° / 56.0° Efficiency 80 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:



## **MUMILEDS**

LED LUXEON C FWHM / FWTM 12.0° / 24.0° Efficiency 79 % Peak intensity 12.3 cd/lm

LEDs/each optic White Light colour Required components:



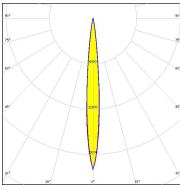




LED LUXEON CZ
FWHM / FWTM 10.0° / 19.0°
Efficiency 88 %
Peak intensity 21.4 cd/lm
LEDs/each optic 1

Red

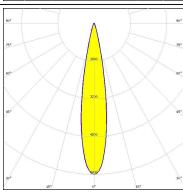
Light colour
Required components:



## **MUMILEDS**

LED LUXEON HL2X
FWHM / FWTM 20.0° / 32.0°
Efficiency 87 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White

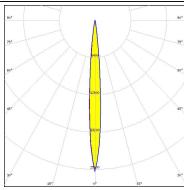
Required components:



## **DESCRIPTION** LUMILEDS

LED LUXEON Rubix
FWHM / FWTM 8.0° / 18.0°
Efficiency 89 %
Peak intensity 26.1 cd/lm
LEDs/each optic 1

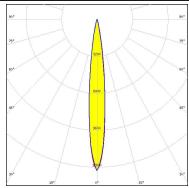
Light colour Blue Required components:



## **DESCRIPTION** LUMILEDS

LED LUXEON Z ES
FWHM / FWTM 12.0° / 24.0°
Efficiency 87 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:





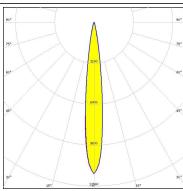


LED SST-20
FWHM / FWTM 12.0° / 26.0°
Efficiency 86 %

Peak intensity 11.8 cd/lm LEDs/each optic 1

Light colour White

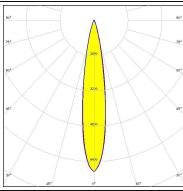
Required components:



## **WNICHIA**

LED NF2W757H
FWHM / FWTM 18.0° / 34.0°
Efficiency 89 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

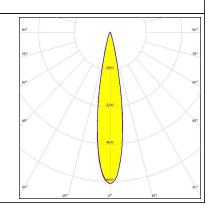


#### **WNICHIA**

LED NV4WB35AM
FWHM / FWTM 24.0° / 46.0°
Efficiency 86 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

### **WNICHIA**

LED NVSW219F
FWHM / FWTM 19.0° / 32.0°
Efficiency 87 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



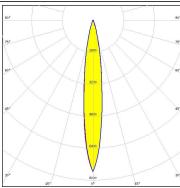


White



LED NVSxE21A  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 14.0° / 32.0° Efficiency 80 % Peak intensity 7.6 cd/lm LEDs/each optic

Required components:

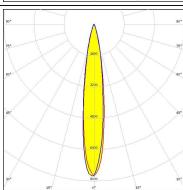


#### **OSRAM**

Light colour

LED Duris S5 (2 chip) FWHM / FWTM 15.0° / 33.0° Efficiency 88 % Peak intensity 7.8 cd/lm LEDs/each optic 1 White Light colour

Required components:

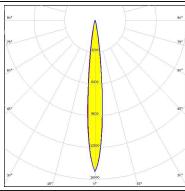


## OSRAM Opto Semiconductor

OSLON Square CSSRM2/CSSRM3 LED

FWHM / FWTM 12.0° / 23.0° Efficiency 87 % Peak intensity 15.3 cd/lm LEDs/each optic 1 Light colour Far Red

Required components:



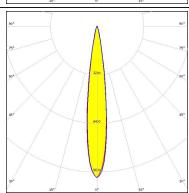
#### **OSRAM**

LED

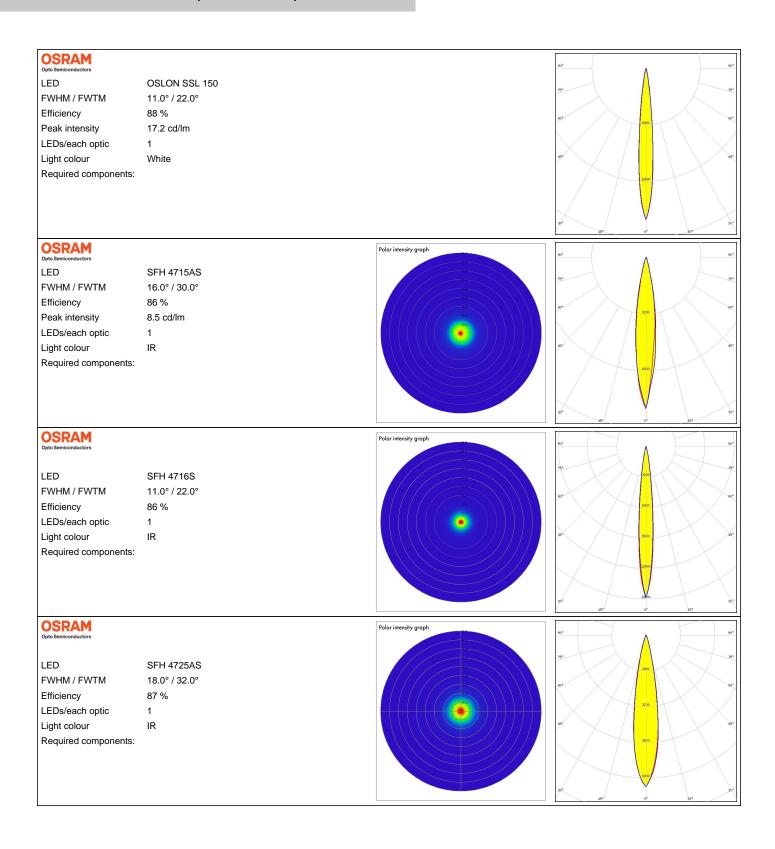
OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 15.0° / 27.0° Efficiency 88 % Peak intensity 10 cd/lm LEDs/each optic White Light colour

Required components:



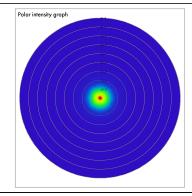


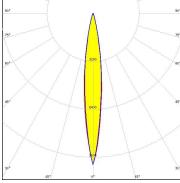






 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 13.0° / 28.0° Efficiency 87 % LEDs/each optic 1 IR Light colour Required components:

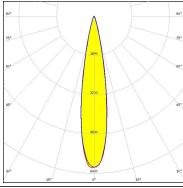




## **SAMSUNG**

LED LH351B FWHM / FWTM 20.0° / 34.0° Efficiency 86 % Peak intensity 6.2 cd/lm LEDs/each optic 1 White Light colour

Required components:





# PRODUCT DATASHEET CA18102 TINA-Y-RS

#### **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.

#### 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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## Local sales and technical support

www.ledil.com/ where\_to\_buy

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#### **Distribution Partners**

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