

#### **TINA2-WW**

~60° wide beam optimized for Nichia NS6x83. Assembly with holder and installation tape.

#### **SPECIFICATION:**

Dimensions	Ø 16.1 mm
Height	11 mm
Fastening	tape
ROHS compliant	yes 🕕



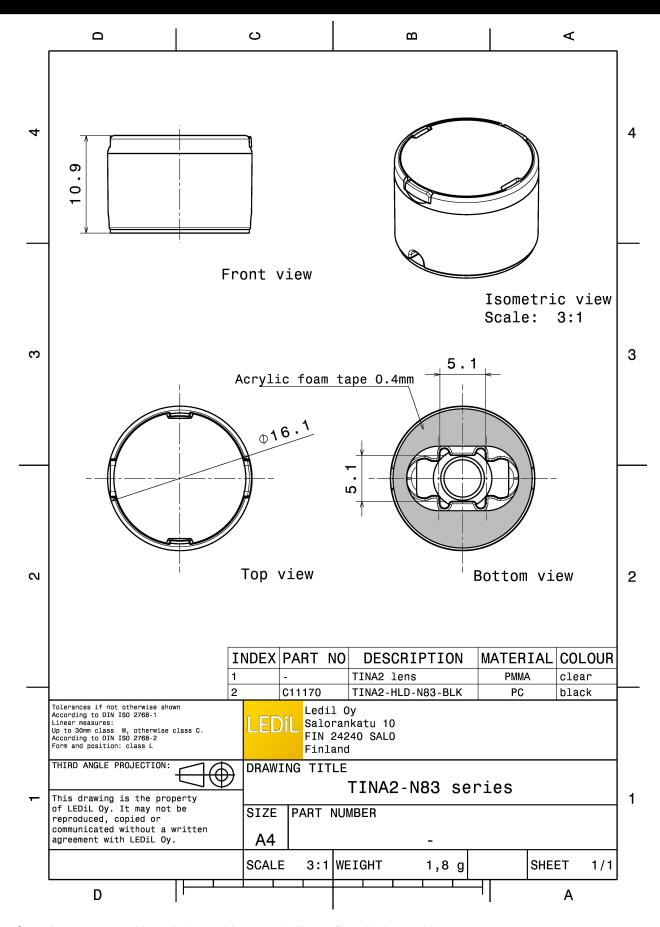
#### **MATERIALS:**

Component	Туре	Material	Colour	Finish
TINA2-WW-6N83	Single lens	PMMA	clear	
TINA2-HLD-N83-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11176_TINA2-WW	Single lens	4140		230	0.0
» Box size: 451 x 241 x 298 mm					

## PRODUCT DATASHEET CA11176\_TINA2-WW



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



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

# CREE &

Peak intensity

LED MX-6

FWHM / FWTM 56.0° / 86.0°

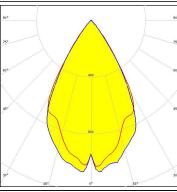
Efficiency %

0.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



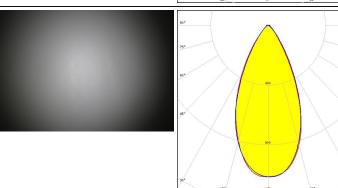
#### **MUMILEDS**

LED LUXEON 5050 Round LES

FWHM / FWTM 49.0° / 81.0° Efficiency 76 %

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

Required components:



#### **MUMILEDS**

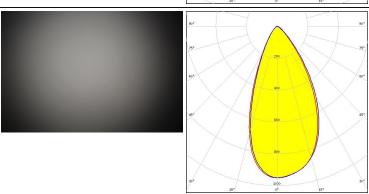
LED LUXEON V

FWHM / FWTM 51.0° / 82.0° Efficiency 76 %

Peak intensity 1 cd/lm

LEDs/each optic 1
Light colour White

Required components:



#### **WNICHIA**

LED NS3x83

FWHM / FWTM 60.0° / 90.0°

Efficiency 87 %
Peak intensity 0.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:



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



 LED
 NS6x83

 FWHM / FWTM
 60.0° / 90.0°

 Efficiency
 87 %

 Peak intensity
 0.8 cd/lm

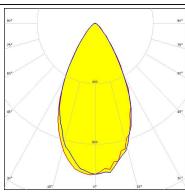
 LEDs/each optic
 1

 Light colour
 White

 Required components:

#### OPT@GAN

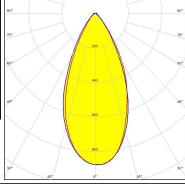
LED OLP-x5050F6L FWHM / FWTM 55.0° / 86.0° Efficiency 86 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:



## **SAMSUNG**

LED LH508A
FWHM / FWTM 48.0° / 80.0°
Efficiency 64 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:







# CREE &

LED

XHP35 HI

FWHM / FWTM

63.0° / 86.0° 87 %

Efficiency

Peak intensity

0.9 cd/lm

LEDs/each optic

Light colour

White

Required components:

# CREE \$

LED

XP-G3

FWHM / FWTM

68.0° / 90.0°

Efficiency

88 %

Peak intensity

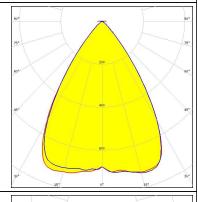
0.8 cd/lm

LEDs/each optic

1

Light colour Required components:

White



## CREE +

LED

XP-L HD

FWHM / FWTM

67.0° / 91.0°

Efficiency

89 %

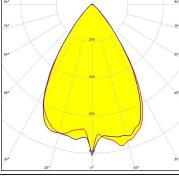
Peak intensity

0.8 cd/lm

LEDs/each optic Light colour

1 White

Required components:



# CREE \$

XP-L HI

FWHM / FWTM Efficiency

64.0° / 84.0°

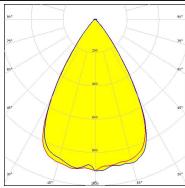
Peak intensity

92 % 0.9 cd/lm

LEDs/each optic Light colour

White

Required components:





White



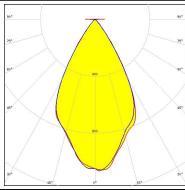
 LED
 LUXEON C

 FWHM / FWTM
 58.0° / 78.0°

 Efficiency
 83 %

Peak intensity 1.1 cd/lm LEDs/each optic 1

Light colour
Required components:

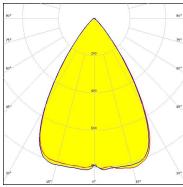


### **MUMILEDS**

LED LUXEON HL2X FWHM / FWTM 66.0° / 88.0° Efficiency 92 %
Peak intensity 0.9 cd/lm

Peak intensity 0.9 cd/
LEDs/each optic 1
Light colour White

Required components:



#### **WNICHIA**

 LED
 NCSxE17A

 FWHM / FWTM
 42.0° / 70.0°

 Efficiency
 85 %

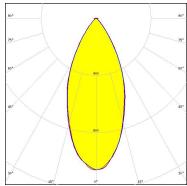
 Peak intensity
 1.7 cd/lm

LEDs/each optic 1
Light colour White
Required components:

## **WNICHIA**

LED NCSxE17A
FWHM / FWTM 46.0° / 80.0°
Efficiency 72 %
Peak intensity 1.1 cd/lm

LEDs/each optic 4
Light colour White
Required components:





Efficiency

Light colour

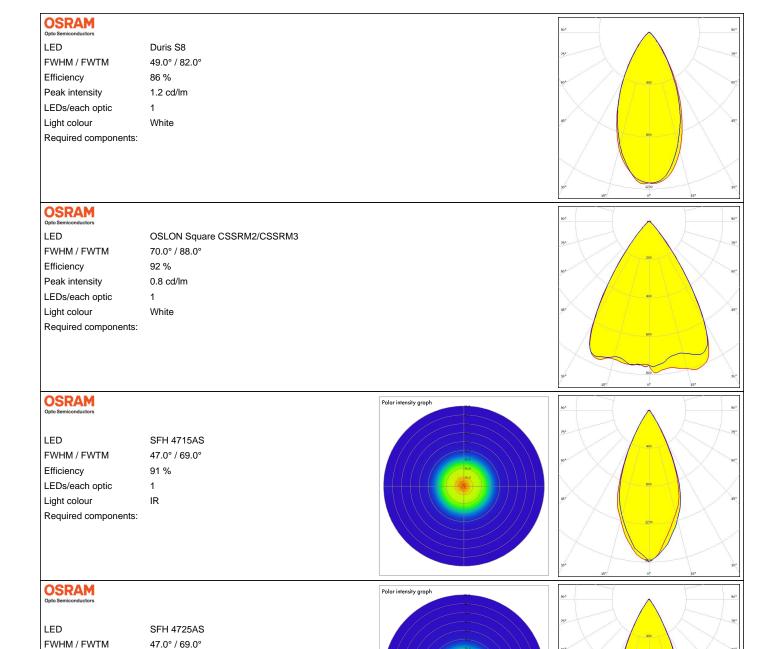
LEDs/each optic

Required components:

90 %

1

IR





# **SAMSUNG**

LED LH181B

FWHM / FWTM 49.1° / 74.2°

Efficiency 88 %

Peak intensity 1.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:

## **SAMSUNG**

LED LH351B
FWHM / FWTM 70.0° / 92.0°
Efficiency 90 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:

