

TINA2-D

~16° diffused spot beam optimized for CREE XP-E. Assembly with holder.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	glue
ROHS compliant	yes ⓘ

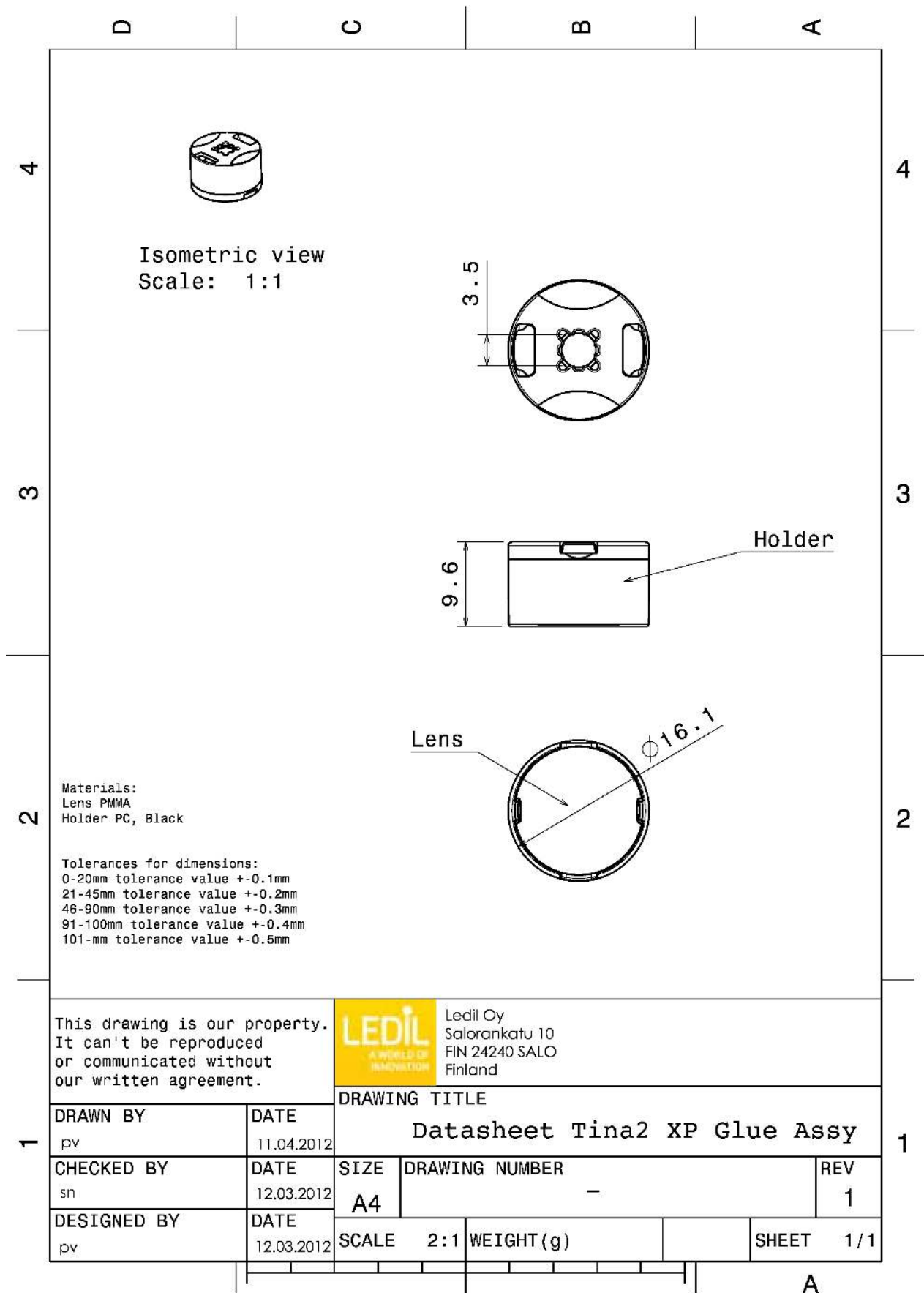
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-XP-D	Single lens	PMMA		
TINA2-XP-HLD	Holder	PC		



ORDERING INFORMATION:

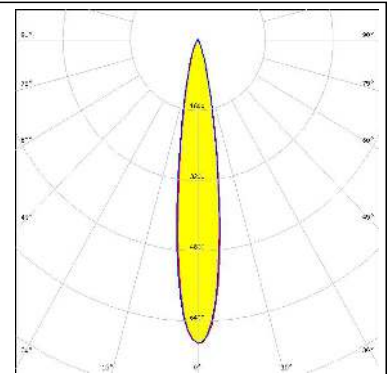
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12678_TINA2-D	Single lens	2400		240	4.4
» Box size: 300 x 250 x 250 mm					



PHOTOMETRIC DATA (MEASURED):

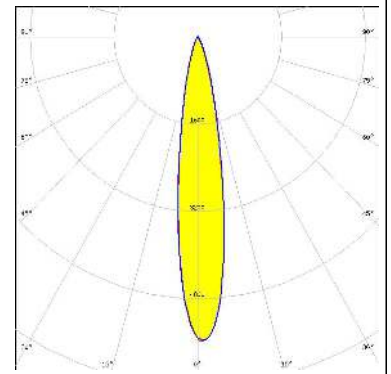
CREE

LED XP-G
 FWHM 16.0°
 Efficiency 91 %
 Peak intensity 7.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



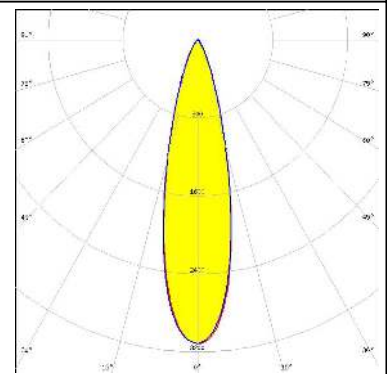
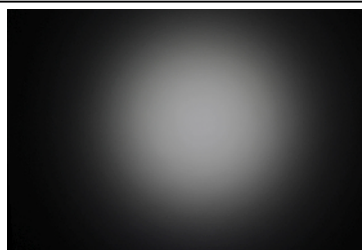
CREE

LED XT-E
 FWHM 18.0°
 Efficiency 83 %
 Peak intensity 5.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351D
 FWHM 26.0°
 Efficiency 85 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

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

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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