

TINA-Y-O

~45° + 15° oval beam. Assembly with holder, installation tape and pins.

TECHNICAL SPECIFICATIONS:

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

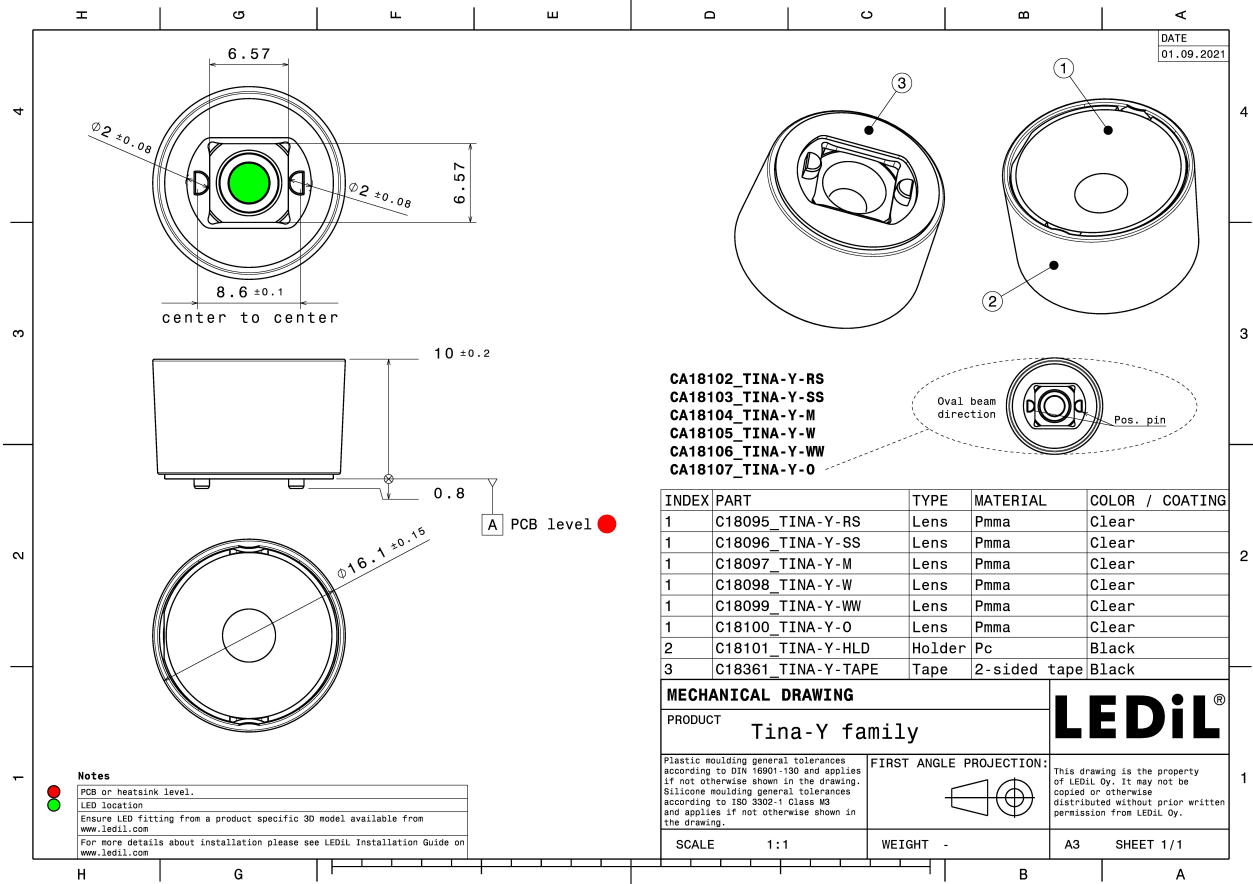
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-Y-O	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)
CA18107_TINA-Y-O » Box size: 476 x 273 x 197 mm	3900	300	300	6.5



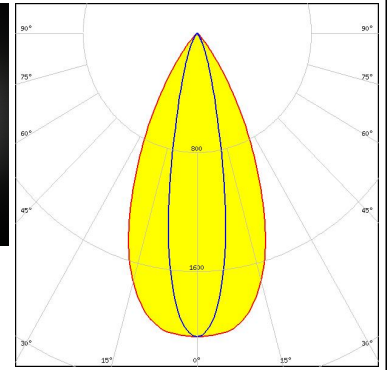
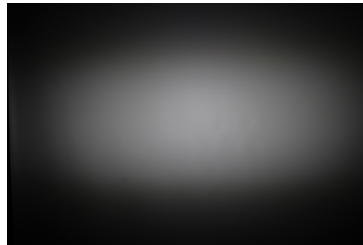


See also our general installation guide: www.ledil.com/installation_guide

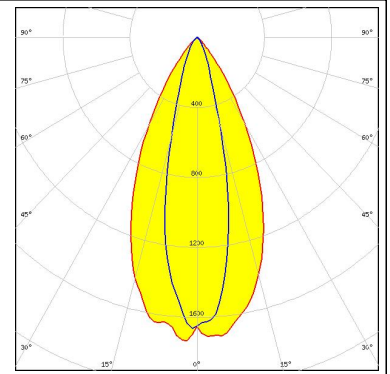
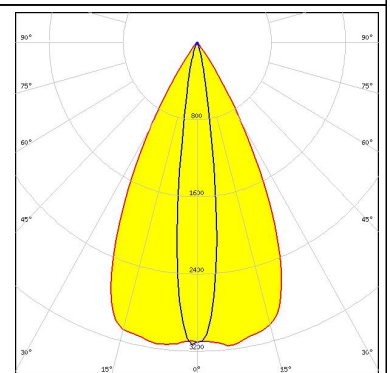
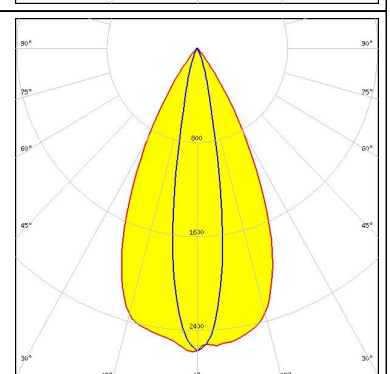
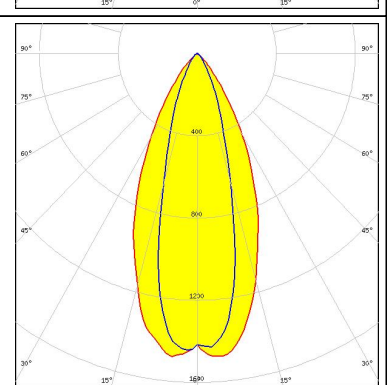
PHOTOMETRIC DATA (MEASURED):



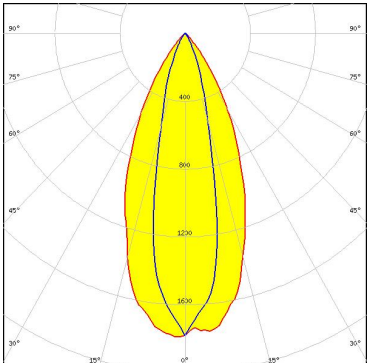
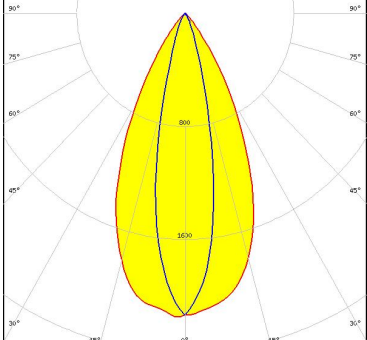
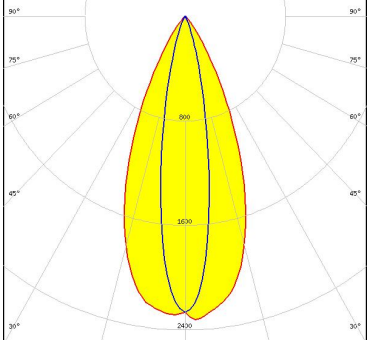
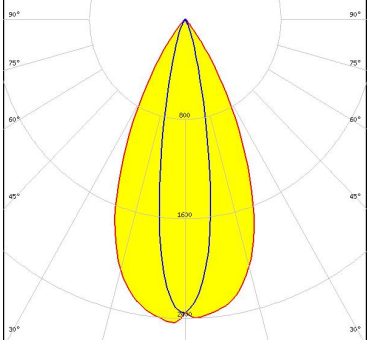
LED XP-G3
FWHM / FWTM 49.0 + 22.0° / 76.0 + 44.0°
Efficiency 74 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>LED XM-L3 FWHM / FWTM 24.0 + 50.0° Efficiency 73 % LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-E2 FWHM / FWTM 15.0 + 52.0° Efficiency 81 % LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 19.0 + 51.0° Efficiency 80 % LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES FWHM / FWTM 27.0 + 47.0° Efficiency 74 % LEDs/each optic 1 Light colour White Required components:</p>	

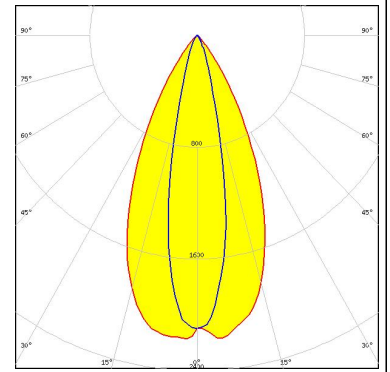
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: 23.0 + 46.0° Efficiency: 73 % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 50.0 + 22.0° / 76.0 + 42.0° Efficiency: 79 % Peak intensity: 2.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 44.0 + 20.0° / 70.0 + 38.0° Efficiency: 71 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: 50.0 + 20.0° / 74.0 + 39.0° Efficiency: 79 % Peak intensity: 2.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

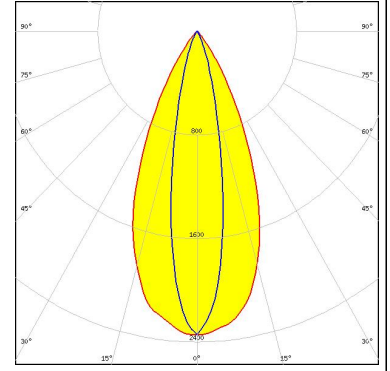
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351C
 FWHM / FWTM 22.0 + 49.0°
 Efficiency 80 %
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M4
 FWHM / FWTM 46.0 + 20.0° / 72.0 + 42.0°
 Efficiency 78 %
 Peak intensity 2.4 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

Ledil Optics Technology (Shenzhen) Co., Ltd.

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

Local sales and technical support

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