

TINA-BW

~60° batwing beam. Assembly with black holder, installation tape and location pins.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

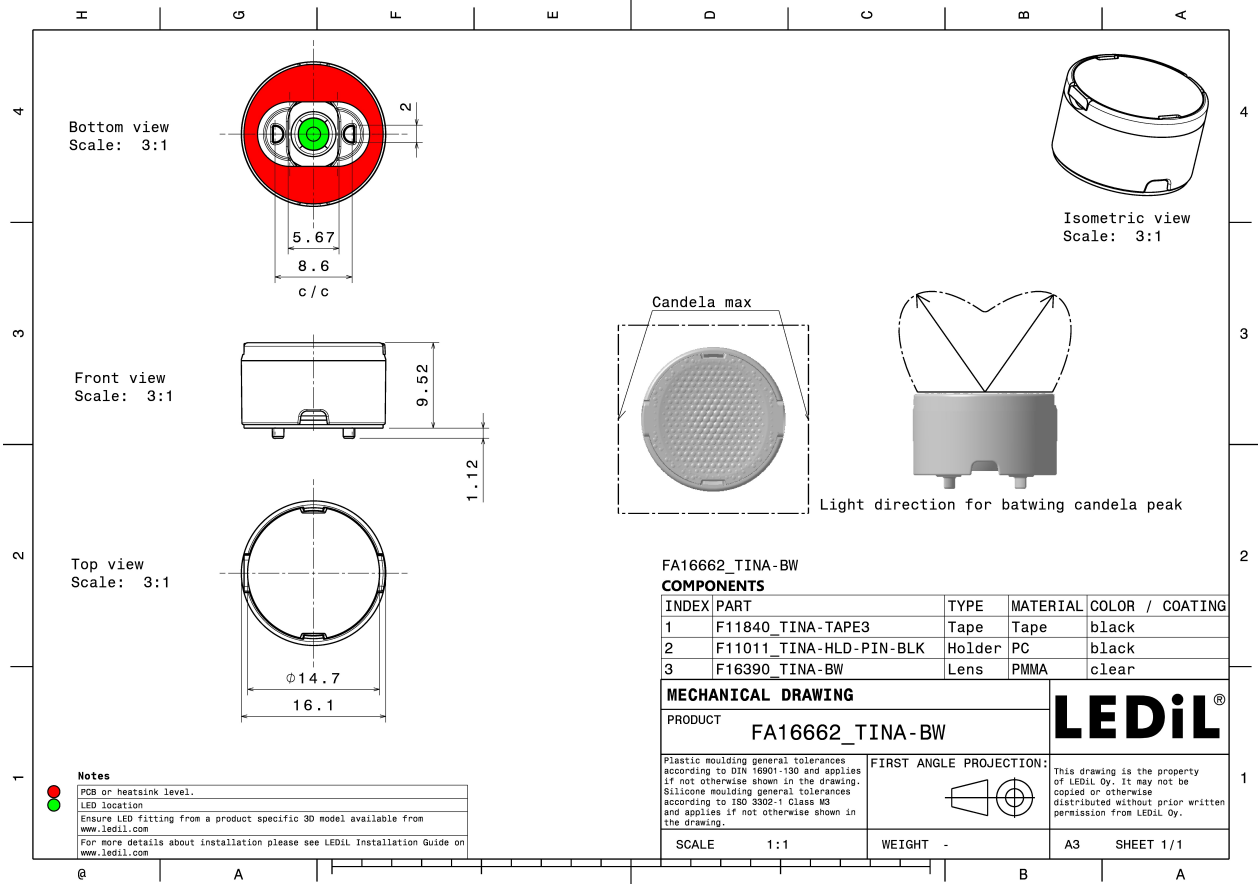
MATERIALS:

Component	Type	Material	Colour	Finish
TINA-BW	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA16662_TINA-BW	Single lens	2016	288	144	3.4
» Box size: 470 x 240 x 105 mm					



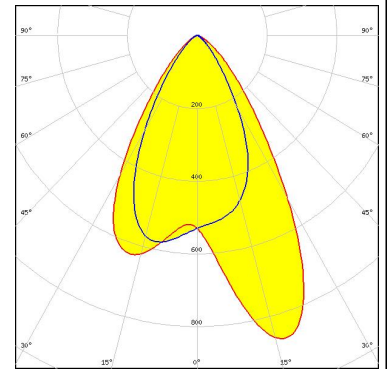


See also our general installation guide: www.ledil.com/installation_guide

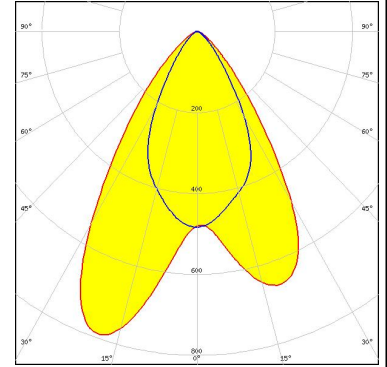
OPTICAL RESULTS (MEASURED):



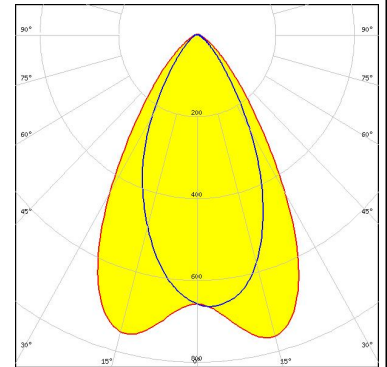
LED XHP35 HI
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



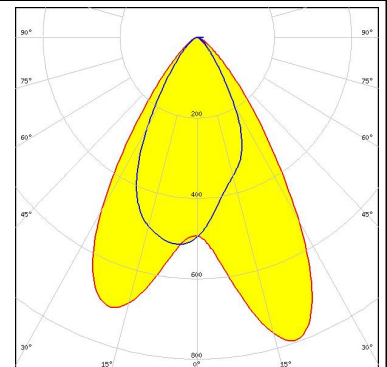
LED XP-E2
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON TX
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



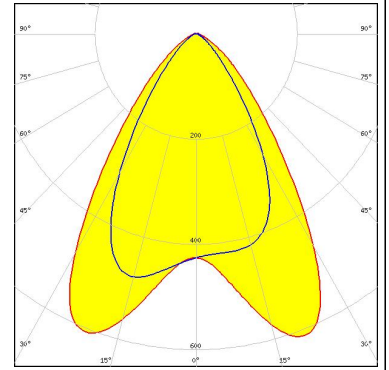
LED OSLOM SSL 150
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

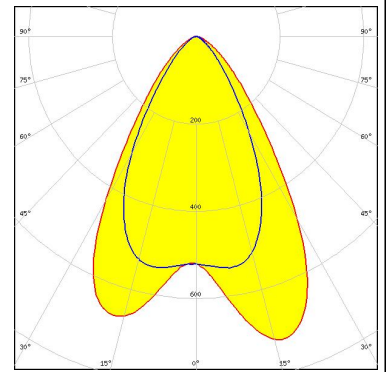
SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: SYNIOS S2222</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 97 %</p> <p>Peak intensity: 1.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

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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