

**Ordering number CC13052_ZOWIE-MINI**

Family	Zowie	FWHM	24+60 degrees
Type	Lens	Efficiency	(simulated) 0 %
LED	XP-G	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	14.83 mm		
Height	11.46 mm		
Style	Round	Zoomable Optic. The Widest & Narrowest beam angles separated	
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

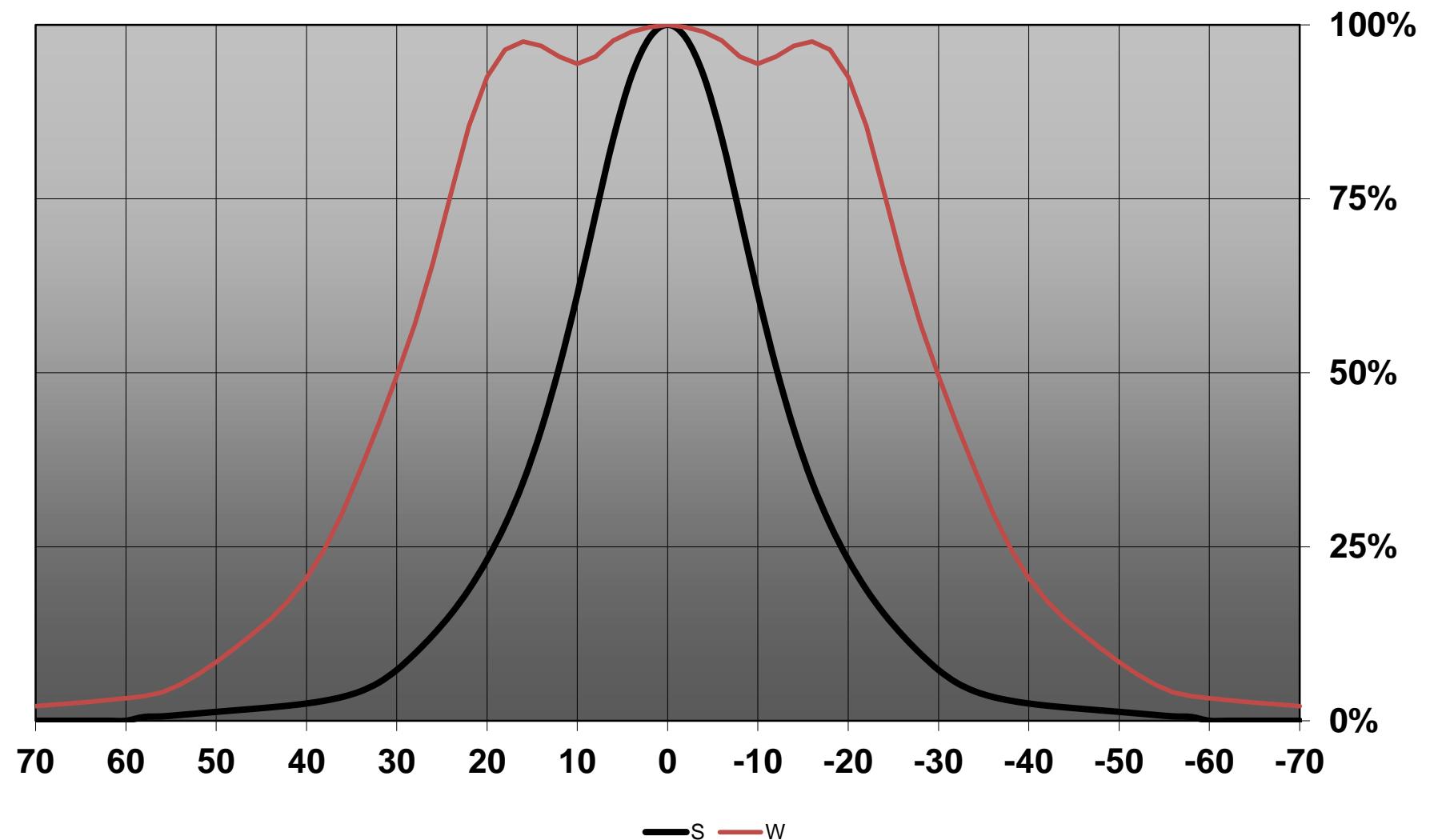
GENERAL INFORMATION

- Product series especially designed & optimized for XP-G series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

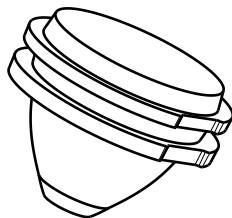
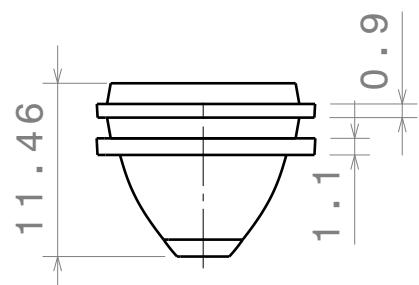
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf>

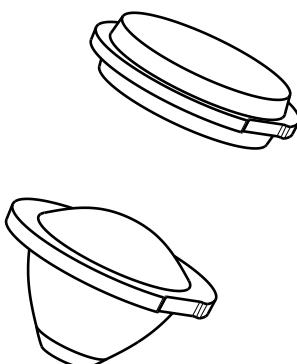
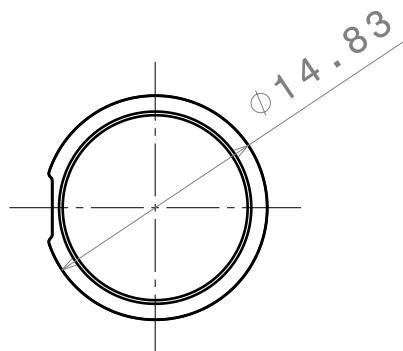
Relative intensity of CC13052_ZOWIE-MINI-XPG



INDEX	PART NO	DESCRIPTION	MATERIAL
1			



Spot position
Lens distance = 0mm



Wide position
Lens distance = 11mm

Tolerances if not otherwise shown:
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.

According to DIN ISO 2768-2
Form and position:
class K

Raw material: PMMA

This drawing is our property.
It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Part Drawing

DATA SHEET ZOWIE-MINI

DRAWN BY p1	DATE 9/20/2012	DRAWING TITLE		
CHECKED BY -	DATE -	SIZE A4	PART NUMBER CC13052	REV 001
DESIGNED BY -	DATE -	SCALE 2:1	WEIGHT 0.00108kg	SHEET 1/1

D

A