

**Ordering number C12916_CRYSTAL-RS**

Family	Crystal	FWHM	(simulated) 5
Type	Lens	Efficiency	(simulated) 0 %
LED	LUXEON Rebel	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	46.8 mm		
Height	27.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Promotion		

Ordering number C12985_CRYSTAL-MINE

Family	Crystal	FWHM	(simulated) 5
Type	Lens	Efficiency	(simulated) 0 %
LED	LUXEON Rebel	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	46.8 mm		
Height	27.4 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Promotion		

Product designed especially for Mining applications. Lens produ

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.



PRODUCT DATASHEET

Crystal series

last update 15/11/2012

PHILIPS
LUMILEDS

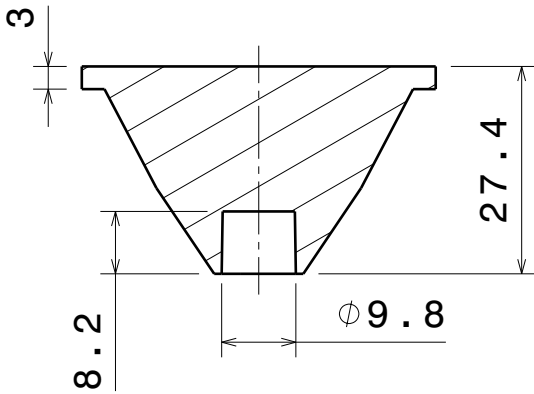
GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON Rebel 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.

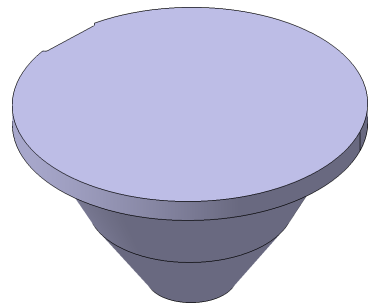
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

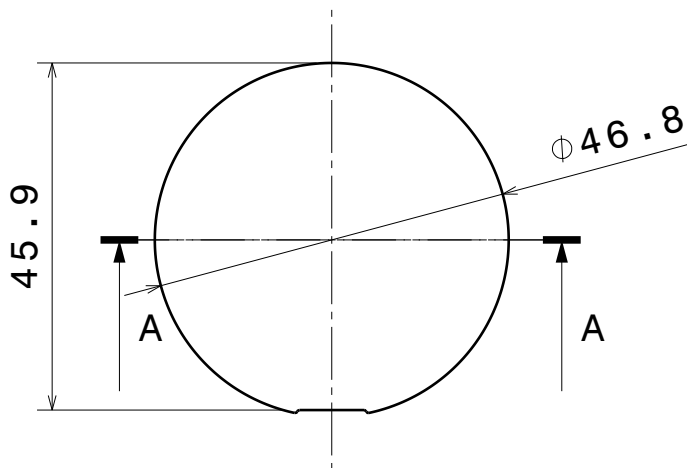
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>



Section view A-A
Scale: 1:1



Isometric view
Scale: 1:1



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LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Mechanical drawing

DRAWN BY
oha

DATE

16.8.2012

CRYSTAL - RS

CHECKED BY
-

DATE

-

SIZE

A4

PART NUMBER

REV

002

DESIGNED BY
hh/mav

DATE

-

SCALE

1:1

WEIGHT

20,06 g

SHEET

1/1

D

A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ledil:

[C12916_CRYSTAL-RS](#)