

**Product number CP10961\_RGBX-SS**

Family	RGBX	FWHM	20 degrees
Type	Assembly	Efficiency	85 %
LED	MC-E	cd/lm	3.800
Color	Black	Gerber File	Available
Diameter	30.4 mm		
Height	28.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number CP10945\_RGBX-O**

Family	RGBX	FWHM	48+25 degrees
Type	Assembly	Efficiency	-
LED	MC-E	cd/lm	-
Color	Black	Gerber File	Available
Diameter	30.4 mm		
Height	28.8 mm		
Style	Round		
Optic Material	PC,PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production 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.**



## PRODUCT DATASHEET RGBX series

last update 12/6/2013

### GENERAL INFORMATION

- Product series especially designed & optimized for MC-E 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%20UL94_Yellow%20Card.pdf)

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