

**Ordering number C10685\_EVA-M**

Family	Eva
Type	Lens
LED	XM-L HVW
Color	Clear
Diameter	35 mm
Height	16.4 mm
Style	Round
Optic Material	PMMA
Holder Material	-
Fastening	-
Status	Ready

FWHM	(simulated) 26
Efficiency	90 %
cd/Im	-
Gerber File	Available

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number C10686\_EVA-W**

Family	Eva
Type	Lens
LED	XM-L HVW
Color	Clear
Diameter	35 mm
Height	16.4 mm
Style	Round
Optic Material	PMMA
Holder Material	-
Fastening	-
Status	Ready

FWHM	(simulated) 38
Efficiency	86 %
cd/Im	-
Gerber File	Available

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number C10909\_EVA-WW**

Family	Eva
Type	Lens
LED	XM-L HVW
Color	Clear
Diameter	35 mm
Height	16.4 mm
Style	Round
Optic Material	PMMA
Holder Material	-
Fastening	-
Status	Ready

FWHM	(simulated) 58
Efficiency	91 %
cd/Im	-
Gerber File	Available

Outer flange can be secured in fixture for hardware-free attachment

**Ordering number C12041\_EVA-S**

Family	Eva
Type	Lens
LED	XM-L HVW
Color	Clear
Diameter	35 mm
Height	16.4 mm
Style	Round
Optic Material	PMMA
Holder Material	-
Fastening	-
Status	Ready

FWHM	(simulated) 13
Efficiency	90 %
cd/Im	-
Gerber File	Available

Outer flange can be secured in fixture for hardware-free attachment



# PRODUCT DATASHEET

## Eva series

last update 20/4/2012

**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

### Eva series

last update 20/4/2012

#### GENERAL INFORMATION

- Product series especially designed & optimized for XM-L HVW 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 (105 degrees of Celcius / 220 degrees of Fahrenheit). 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>