

PRODUCT DATASHEET Emily series last update 9/6/2016

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Product number	CA11998_EMILY-SS-WAS		
Family	Emily	FWHM	Asymmetric degrees
Туре	Assembly	Efficiency	94 %
LED	XM-L	cd/lm	9.800
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.83 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		
Product number	CA12062_EMILY-D		
Family	Emily	FWHM	14 degrees
Туре	Assembly	Efficiency	90 %
LED	XM-L	cd/lm	10.100
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.74 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		
Product number	CA12064_EMILY-M		
i ioddet number	o/(12001_211121 111		
Family	Emily	FWHM	18 degrees
	_	FWHM Efficiency	18 degrees 93 %
Family	Emily		•
Family Type	Emily Assembly	Efficiency	•
Family Type LED	Emily Assembly XM-L	Efficiency cd/lm	93 %
Family Type LED Color	Emily Assembly XM-L Clear	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style	Emily Assembly XM-L Clear 26 mm	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height	Emily Assembly XM-L Clear 26 mm 14.85 mm	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style Optic Material Holder Material	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"]	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style Optic Material Holder Material	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"]	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready	Efficiency cd/lm	93 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2	Efficiency cd/lm Gerber File	93 % - Available
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily	Efficiency cd/lm Gerber File FWHM	93 % - Available 28 degrees
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly	Efficiency cd/lm Gerber File FWHM Efficiency	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED Color	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L Clear	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED Color Diameter	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L Clear 26 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED Color Diameter Height	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L Clear 26 mm 14.88 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED Color Diameter Height Style	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L Clear 26 mm 14.88 mm Round	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED Color Diameter Height Style Optic Material	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L Clear 26 mm 14.88 mm Round	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Product number Family Type LED Color Diameter Height Style Optic Material Holder Material	Emily Assembly XM-L Clear 26 mm 14.85 mm Round PMMA - ["tape", "pin"] Production ready CA12070_EMILY-M2 Emily Assembly XM-L Clear 26 mm 14.88 mm Round PMMA	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	93 % - Available 28 degrees 92 %

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PRODUCT DATASHEET Emily series last update 9/6/2016

Product number CA11934_EMILY-W FWHM Family Emily 36 degrees Туре Assembly Efficiency 86 % LED XM-L cd/lm Color Clear Gerber File Available Diameter 26 mm Height 14.74 mm Style Round PMMA **Optic Material** Holder Material Fastening ["tape", "pin"] Production ready Status CA12066_EMILY-O Product number FWHM Family Emily 47+13 degrees Туре Assembly Efficiency 90 % LED XM-L cd/lm Color Clear Gerber File Available Diameter 26 mm Height 14.96 mm Style Round PMMA **Optic Material** Holder Material Fastening ["pin", "tape"] Status Production ready Product number CA12068_EMILY-O-90 FWHM Family 47+13 degrees Emily 90 % Efficiency Туре Assembly LED XM-L cd/lm Available Color Clear Gerber File Diameter 26 mm 14.97 mm Height Round Style **Optic Material PMMA** Holder Material Fastening ["pin", "tape"] Status Production ready Product number CA13498_EMILY-WWW Family Emily FWHM 70 degrees Assembly Efficiency 90 % Туре LED XM-L cd/lm 0.700 Color Clear Gerber File Available Diameter 26 mm 13.43 mm Height Style Round **Optic Material** PMMA Holder Material Fastening ["tape"] Status Production ready

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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 XM-L series of LEDs.

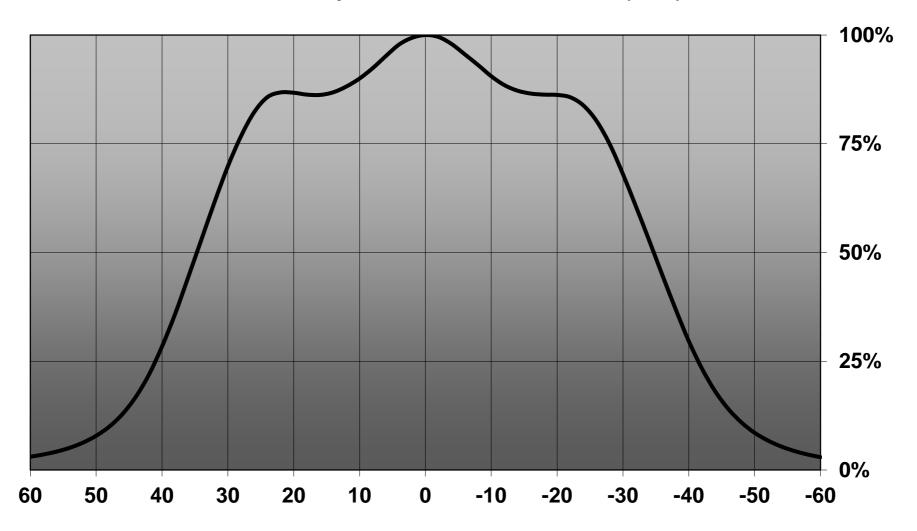
- Special care taken to make light distribution as uniform as possible.

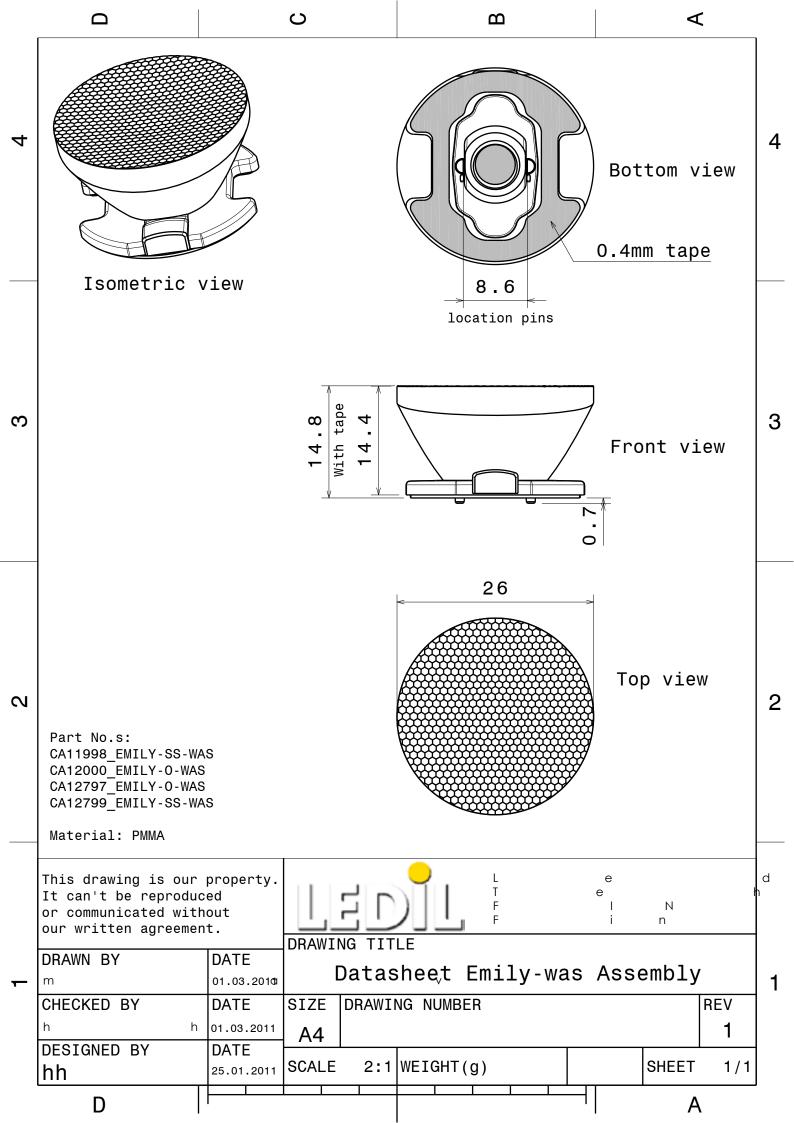
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

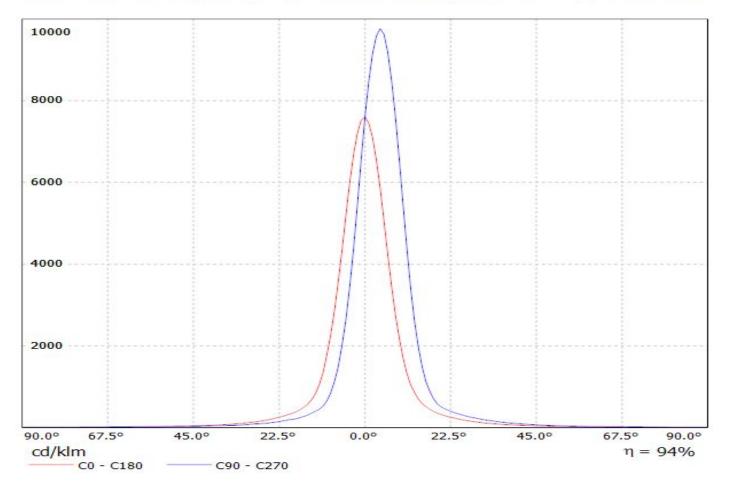
Please find more information about used material from below:

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

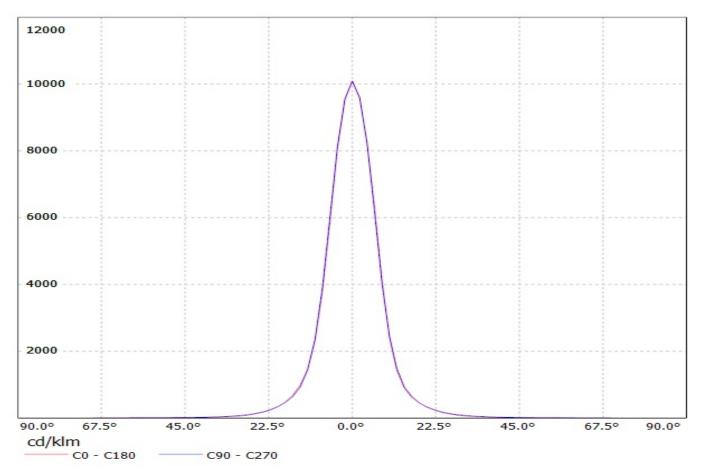
Relative intensity of CA13498_EMILY-WWW_(XML)



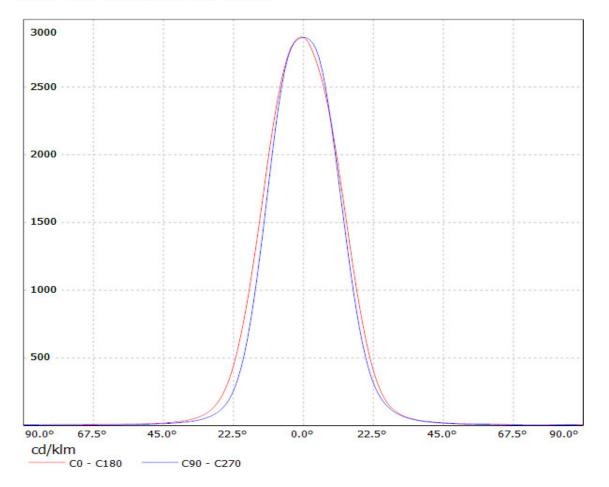


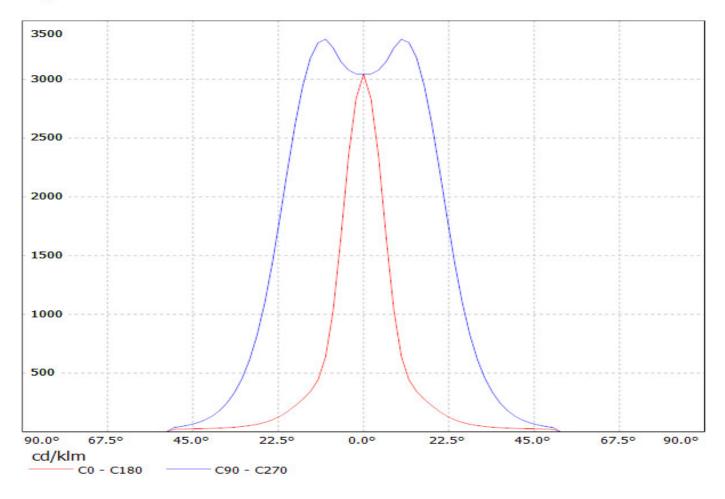




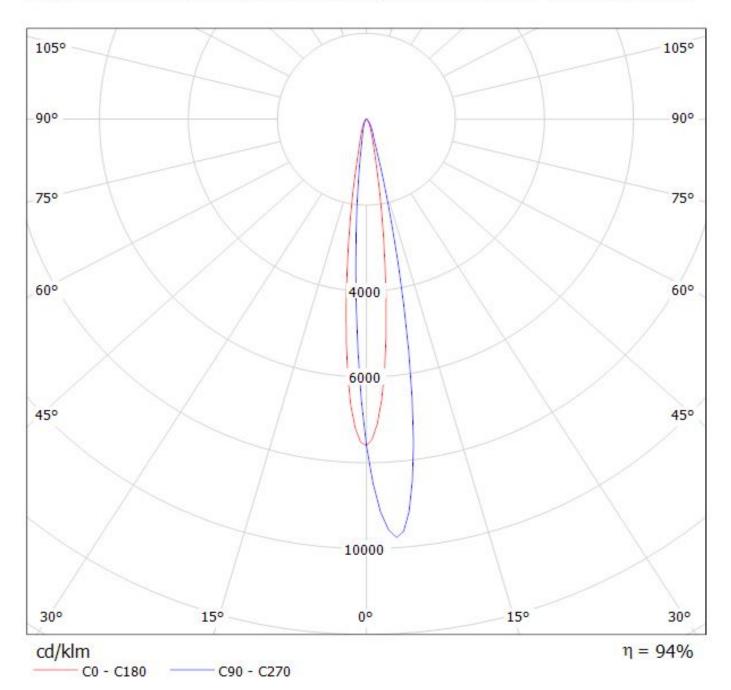




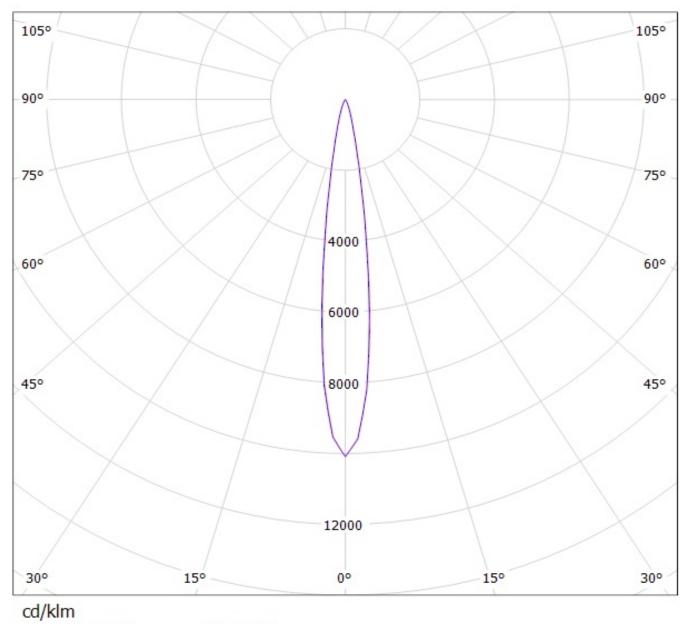




Luminaire: LEDiL Oy CA11998_EMILY-SS-WAS_(XM-L) Lamps: 1 x Cree_XM-L_(XMLAWT-00-0000-0000T6051)_98.9426Im@250mA_P=0.71243W_U=2.8530V

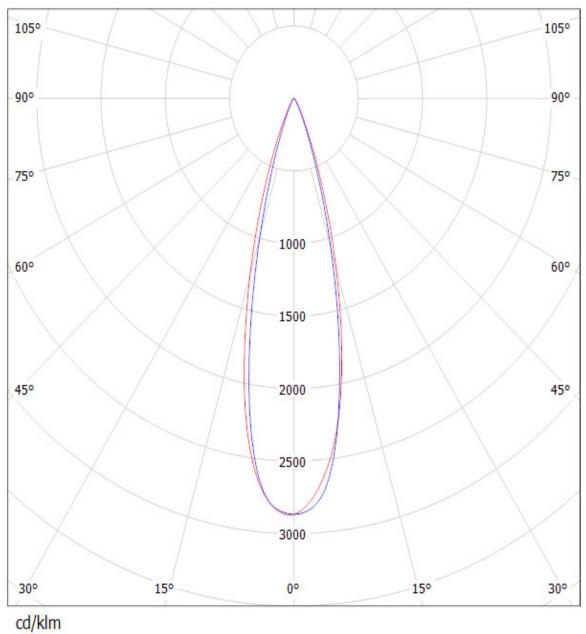


Luminaire: Ledil Oy CA12062_EMILY-D (Cree XM-L 92Im @ 250mA) Efficiency=90% Lamps: 1 x Cree XM-L 92Im @ 250mA



_____ C0 - C180 _____ C90 - C270

Luminaire: Ledil Oy CA12070_Emily-M2-Tape-XM CA12070_Emily-M2-Tape-XM Cree XM-L (white) 97Im @ 250 mA LOR=92% Lamps: 1 x Cree XM-L (white) 97Im @ 250 mA



_____ C0 - C180 _____ C90 - C270

Luminaire: Ledil Oy CA12066_Emily-O-Tape-XM CA12066_Emily-O-Tape-XM Lamps: 1 x Cree XM-L

