

last update 20/12/2012

	Product number	C12041_EVA-S		
	Family	Eva	FWHM	13 degrees
	Туре	Lens	Efficiency	94 %
	LED	XM-L	cd/lm	-
	Color	Clear	Gerber File	Available
	Diameter	35 mm		
	Height	16.4 mm		
	Style	Round		
	Optic Material	PMMA		
	Holder Material	-		
	Fastening	-		
	Status	Production ready		
	Product number	CA12055_EVA-S		
	Family	Eva	FWHM	13 degrees
	Туре	Assembly	Efficiency	92 %
	LED	XM-L	cd/lm	-
	Color	Black	Gerber File	Available
	Diameter	37.7 mm		
	Height	17.2 mm		
	Style	Round		
	Optic Material	PMMA		
A CONTRACT OF	Holder Material Fastening	- ["tape", "screw"]		
	Status	Production ready		
	Product number	CP12196_EVA-S		
	Family	Eva	FWHM	13 degrees
	Туре	Assembly	Efficiency	94 %
	LED	XM-L	cd/lm	-
	Color	Black	Gerber File	Available
	Diameter	37.7 mm		
	Height	17 mm		
	Style	Round		
	Optic Material Holder Material	PMMA		
A CARLER AND	Fastening	- ["glue", "screw"]		
	Status	Production ready		
		-		
	Product number	C12828_EVA-O		
1 amos	Family	Eva	FWHM	15,5+39 degrees
	Туре	Lens	Efficiency	86 %
	LED	XM-L	cd/lm	3.300
	Color	Clear	Gerber File	Available
	Diameter	35 mm		
	Height	16.4 mm		
	Style	Round		
	Optic Material	PMMA		
	Holder Material	-		
	Fastening	- Draduction reads		
	Status	Production ready		

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Product number	CA12859_EVA-O		
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Eva Assembly XM-L Black 37.7 mm 17.2 mm Round PMMA - ["tape"] Production ready	FWHM Efficiency cd/Im Gerber File	15,5+39 degrees 86 % 3.300 Available
Product number	CP12860_EVA-O		
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Eva Assembly XM-L Black 37.7 mm 17 mm Round PMMA - ["screw"] Production ready C10684_EVA-D	FWHM Efficiency cd/Im Gerber File	15,5+39 degrees 86 % 3.300 Available
Family	Eva	FWHM	16 degrees
Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Lens XM-L Clear 35 mm 16.4 mm Round PMMA - - Production ready	Efficiency cd/Im Gerber File	91 % - Available
Product number	CA12057_EVA-D		
Family Type LED Color	Eva Assembly XM-L Black	FWHM Efficiency cd/lm Gerber File	16 degrees 90 % - Available

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	Product number	CP1
	Family Type LED	Eva Asse XM-I
	Color	Blac
	Diameter	37.7
	Height	17 m
	Style	Rour
	Optic Material	PMM
	Holder Material Fastening	- ["glu
	Status	Prod
	Product number	C106
	Family	Eva
	Туре	Lens
	LED	XM-I
	Color	Clea
	Diameter	35 m
A MARINA AND AND AND AND AND AND AND AND AND A	Height	16.4
	Style	Rour
A CONTRACTOR OF CONTRACTOR	Optic Material Holder Material	PMM
	Fastening	-
	Status	Prod
	Product number	CA1
	Family	Eva
	Туре	Asse
	LED	XM-I
	Color	Blac
	Diameter Height	37.7 17.2
	Style	Rour
	Optic Material	PMN
	Holder Material	-
1	Fastening	["tap
	Status	Prod
	Product number	CP1
	Family	Eva
	Туре	Asse
	LED	XM-L
	Color	Blac
	Diameter Height	37.7 17 m
	Style	Rour
	Optic Material	PMN
	Holder Material	-
	Fastening	["glu
	Status	Prod
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Product number	CP12197_EVA-D		
amily ype ED Color Diameter Height Style Optic Material Holder Material Status Status	Eva Assembly XM-L Black 37.7 mm 17 mm Round PMMA - ["glue", "screw"] Production ready C10685_EVA-M	FWHM Efficiency cd/lm Gerber File	20 degrees 91 % - Available
Family Sype ED Color Diameter Height Style Dific Material Holder Material Fastening Status	Eva Lens XM-L Clear 35 mm 16.4 mm Round PMMA - - - Production ready CA12058_EVA-M	FWHM Efficiency cd/lm Gerber File	24 degrees 88 % - Available
Family Type ED Color Diameter Height Style Optic Material Holder Material Fastening Status	Eva Assembly XM-L Black 37.7 mm 17.2 mm Round PMMA - ["tape", "screw"] Production ready CP12198_EVA-M	FWHM Efficiency cd/Im Gerber File	24 degrees 89 % - Available
Family Type ED Color Diameter Height Style Optic Material Holder Material Fastening Status	Eva Assembly XM-L Black 37.7 mm 17 mm Round PMMA - ["glue", "screw"] Production ready	FWHM Efficiency cd/Im Gerber File	24 degrees 88 % - Available

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Produ	ct number C10686_EVA-W		
Family	Eva	FWHM	40 degrees
Туре	Lens	Efficiency	79 %
LED	XM-L	cd/lm	-
Color	Clear	Gerber File	Available
Diame		Geiber File	Available
Height			
Style	Round		
	Naterial PMMA		
	Material -		
Fasten	•		
Status	Production ready		
Produ	ct number CA12059_EVA-W		
Family		FWHM	40 degrees
Туре	Assembly	Efficiency	83 %
LED	XM-L	cd/lm	-
Color	Black	Gerber File	Available
Diame			
Height			
Style	Round		
	Naterial PMMA		
Holder	Material -		
Faster			
Status	Production ready		
Produ	ct number CP12199_EVA-W		
Family	Eva	FWHM	40 degrees
Family Type	Eva Assembly	FWHM Efficiency	40 degrees 79 %
			-
Туре	Assembly	Efficiency	-
Type	Assembly XM-L Black	Efficiency cd/lm	79 % -
Type LED Color	Assembly XM-L Black ter 37.7 mm	Efficiency cd/lm	79 % -
Type LED Color Diame Height	Assembly XM-L Black ter 37.7 mm	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style	Assembly XM-L Black ter 37.7 mm 17 mm Round	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style Optic M	Assembly XM-L Black ter 37.7 mm 17 mm Round	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style Optic M Holder	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material -	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style Optic M	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material -	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style Optic M Holder Fasten Status	Assembly XM-L Black ter 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"]	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style Optic M Holder Fasten Status	Assembly XM-L Black Black 37.7 mm 17 mm Round Material PMMA Material ing ["screw", "glue"] Production ready Ct number	Efficiency cd/lm	79 % -
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ	Assembly XM-L Black Black 37.7 mm 17 mm Round Material PMMA Material ing ["screw", "glue"] Production ready Ct number	Efficiency cd/lm Gerber File	79 % - Available
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ	Assembly XM-L Black 37.7 mm 17 mm Round Material Material Ing ["screw", "glue"] Production ready Ct number Eva	Efficiency cd/lm Gerber File	79 % - Available 64 degrees
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready tct number C10909_EVA-WW Eva Lens	Efficiency cd/lm Gerber File FWHM Efficiency	79 % - Available 64 degrees
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready tct number C10909_EVA-WW Eva Lens XM-L Clear	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready tranumber C10909_EVA-WW Eva Lens XM-L Clear 35 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame Height	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready tranumber C10909_EVA-WW Eva Lens XM-L Clear 35 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame Height Status	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear 35 mm 16.4 mm Round	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ ED Color Diame Height Style Optic M Holder Family Type LED Color Diame Height Style Optic M	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear ter 35 mm 16.4 mm Round Material PMMA	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame Height Status Produ Family Type LED Color Diame Height Style Optic N Height Style Optic N Holder	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear 35 mm 16.4 mm Round Material PMMA Material -	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame Height Status Produ Family Type LED Color Diame Height Style Optic N Holder Fasten Style Optic N Holder Fasten	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear 35 mm 16.4 mm Round Material PMMA Material - ing -	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame Height Status Produ Family Type LED Color Diame Height Style Optic N Height Style Optic N Holder	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear 35 mm 16.4 mm Round Material PMMA Material - ing -	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten Status Produ Family Type LED Color Diame Height Status Produ Family Type LED Color Diame Height Style Optic N Holder Fasten Style Optic N Holder Fasten	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear 35 mm 16.4 mm Round Material PMMA Material - ing -	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	79 % - Available 64 degrees 77 %
Type LED Color Diame Height Style Optic M Holder Fasten StatusTrype LED Color Diame Height Style Optic M Holder Fasten StatusTrodu Type LED Color Diame Height Style Optic M Holder Fasten Status	Assembly XM-L Black 37.7 mm 17 mm Round Material PMMA Material - ing ["screw", "glue"] Production ready Ct number C10909_EVA-WW Eva Lens XM-L Clear 35 mm 16.4 mm Round Material PMMA Material - ing -	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm Gerber File	79 % Available 64 degrees 77 % - Available



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Product number	CA12060_EVA-WW		
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Eva Assembly XM-L Black 37.7 mm 17.2 mm Round PMMA - ["screw", "tape"] Production ready	FWHM Efficiency cd/Im Gerber File	64 degrees 79 % - Available
Product number	CP12200_EVA-WW		
Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Eva Assembly XM-L Black 37.7 mm 17 mm Round PMMA - ["screw", "glue"] Production ready	FWHM Efficiency cd/Im Gerber File	64 degrees 77 % - Available

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.

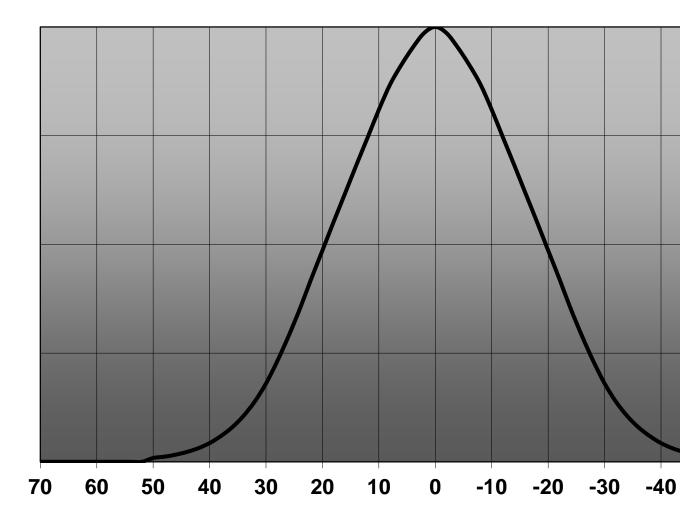
- Special care taken to make light distribution as uniform as possible.

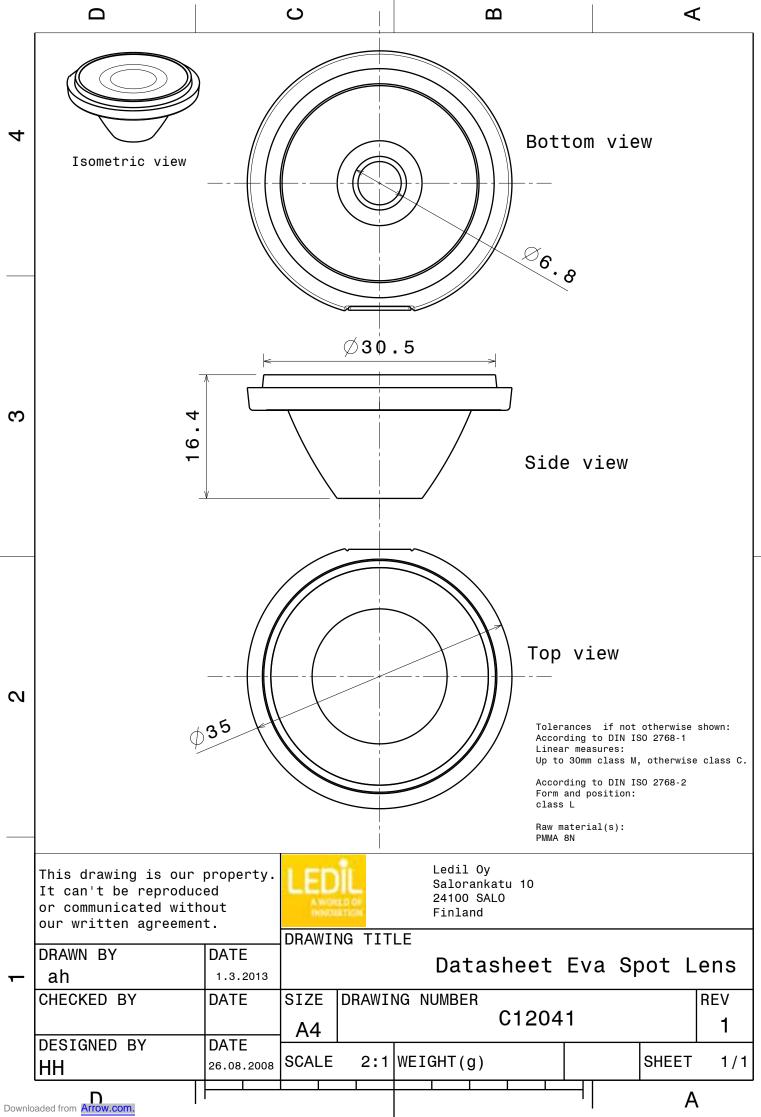
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

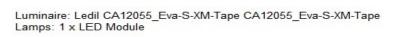
Please find more information about used material from below:

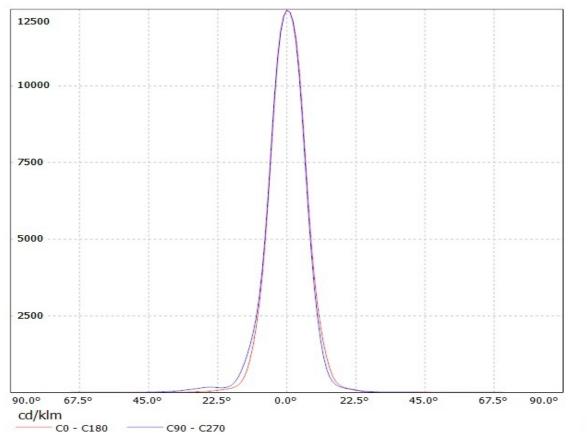
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf

Relative intensity of CA12059_Eva-W-XM-Tap



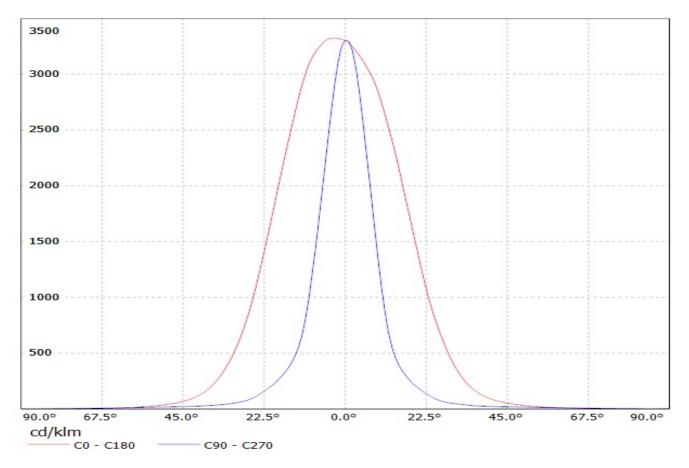




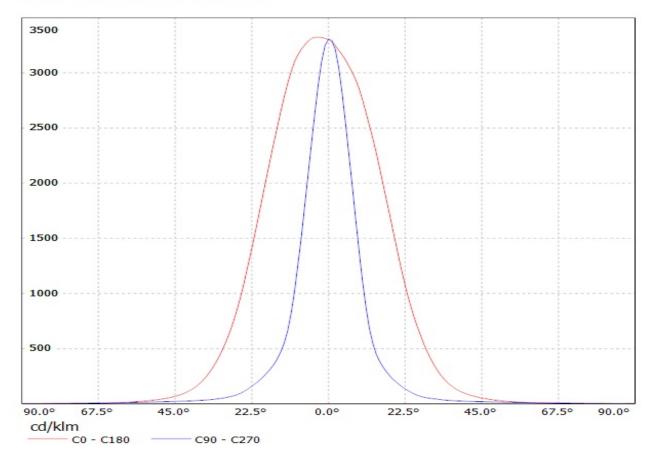


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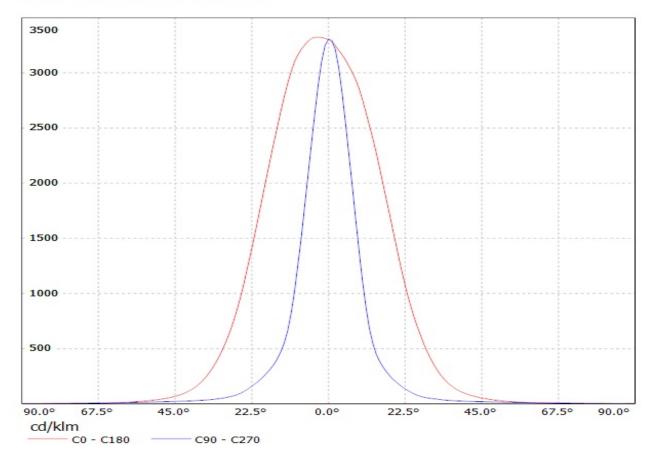
Luminaire: LEDIL OY C12828_EVA-O (XM-L) Efficiency=86% Lamps: 1 x Cree XM-L (111Im @ 250mA)

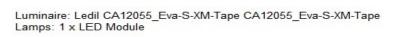


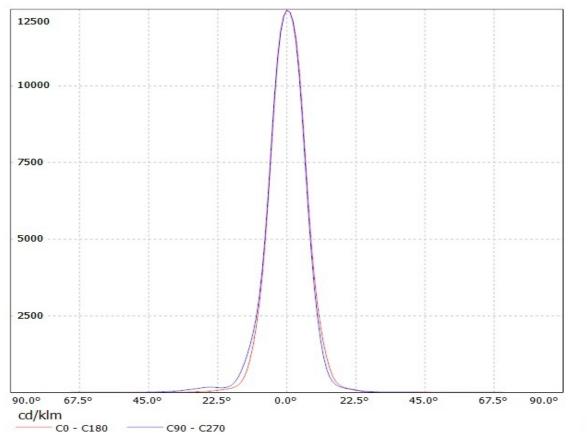
Luminaire: LEDIL OY CA12859_EVA-O / CP12860_EVA-O (XM-L) Efficiency=86% Lamps: 1 x Cree XM-L (111Im @ 250mA)



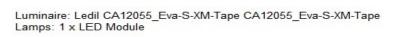
Luminaire: LEDIL OY CA12859_EVA-O / CP12860_EVA-O (XM-L) Efficiency=86% Lamps: 1 x Cree XM-L (111Im @ 250mA)

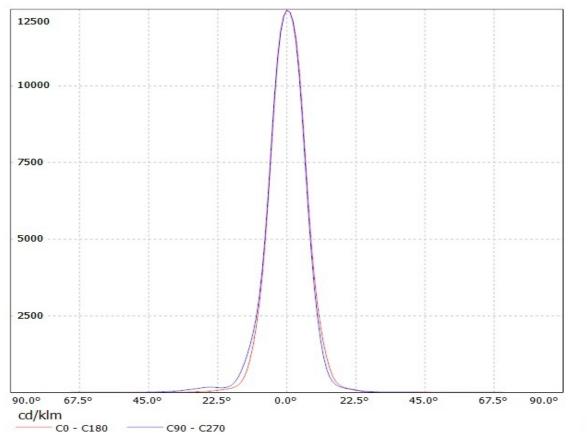




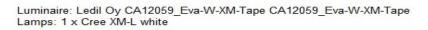


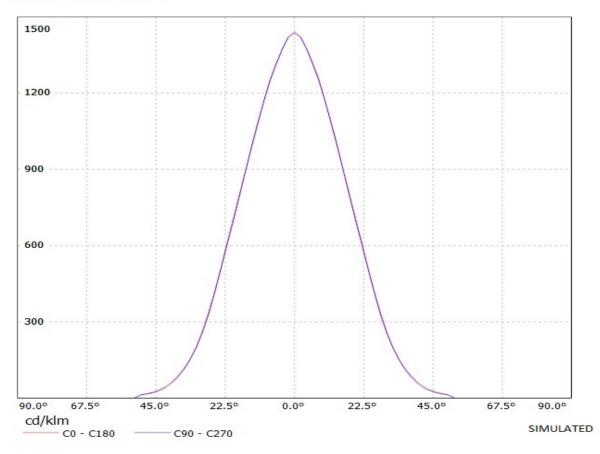
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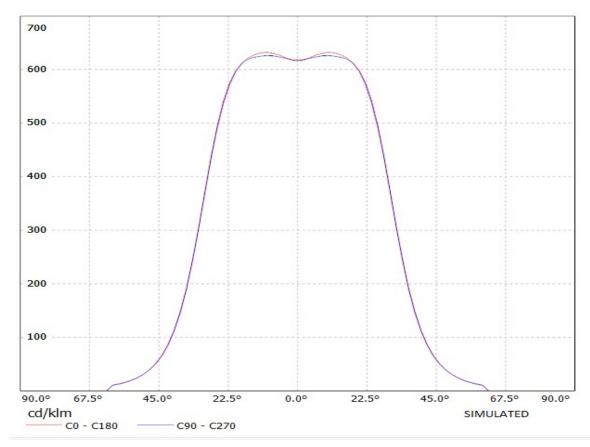
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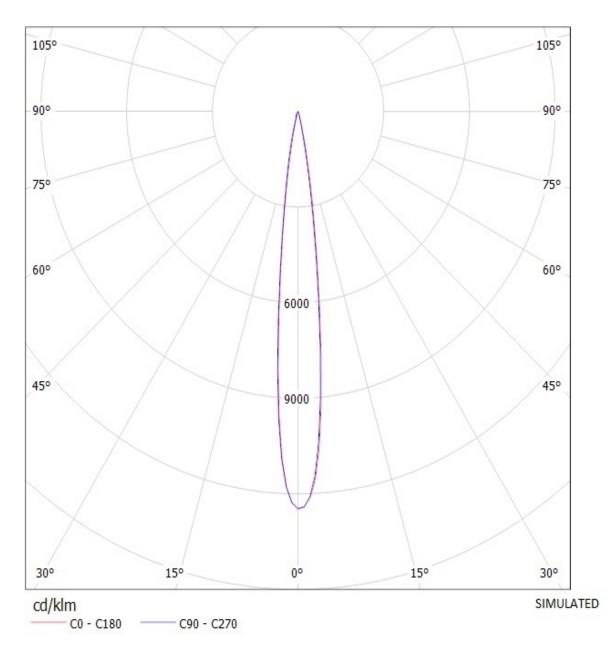


Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape / LDC (Linear)

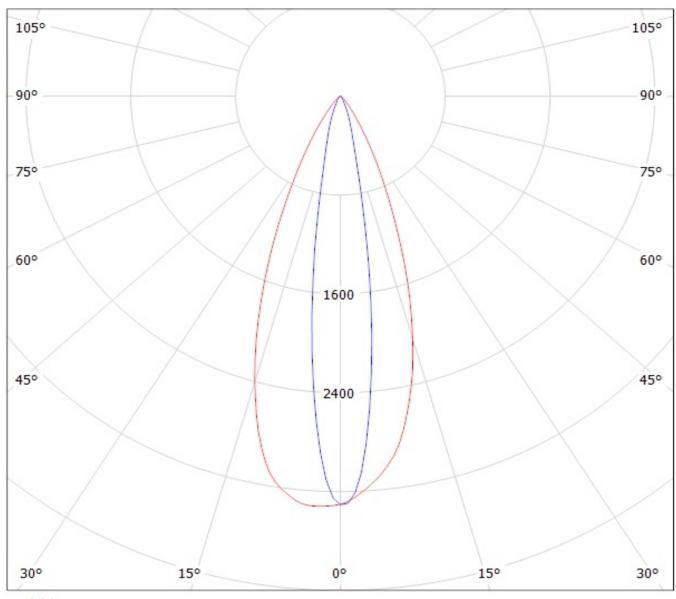
Luminaire: Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape Lamps: 1 x Cree XM-L



Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape Lamps: 1 x LED Module

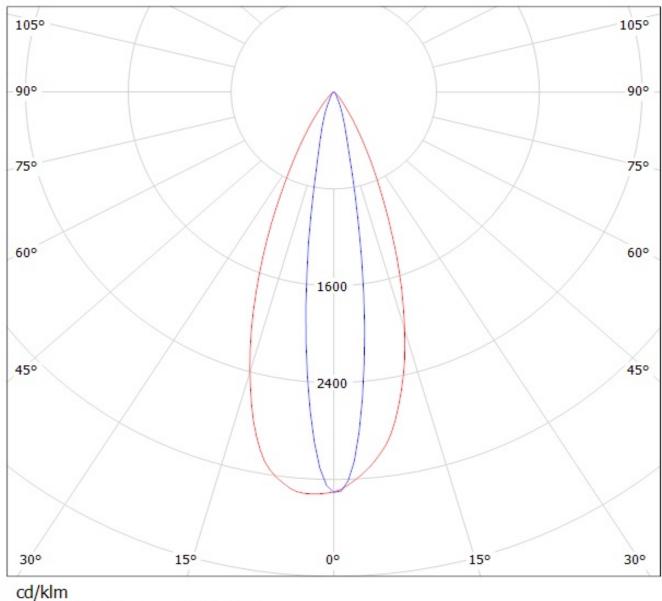


Luminaire: LEDIL OY C12828_EVA-O (XM-L) Efficiency=86% Lamps: 1 x Cree XM-L (111Im @ 250mA)



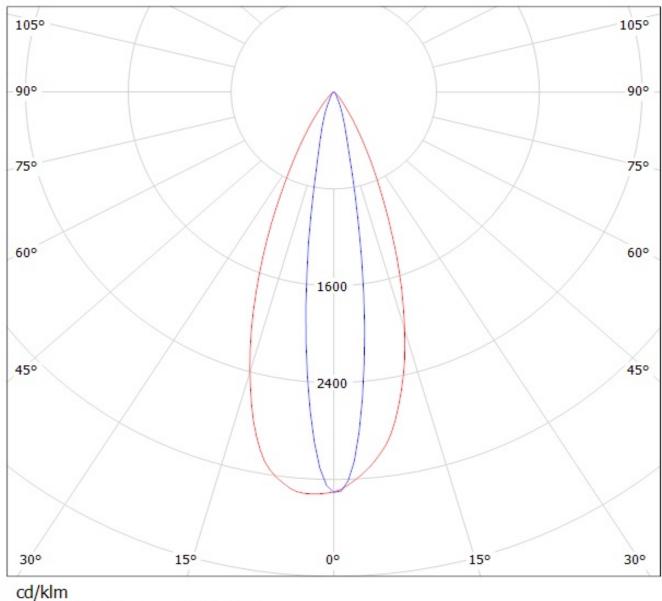
cd/klm ______ C0 - C180 _____ C90 - C270

Luminaire: LEDIL OY CA12859_EVA-O / CP12860_EVA-O (XM-L) Efficiency=86% Lamps: 1 x Cree XM-L (111Im @ 250mA)



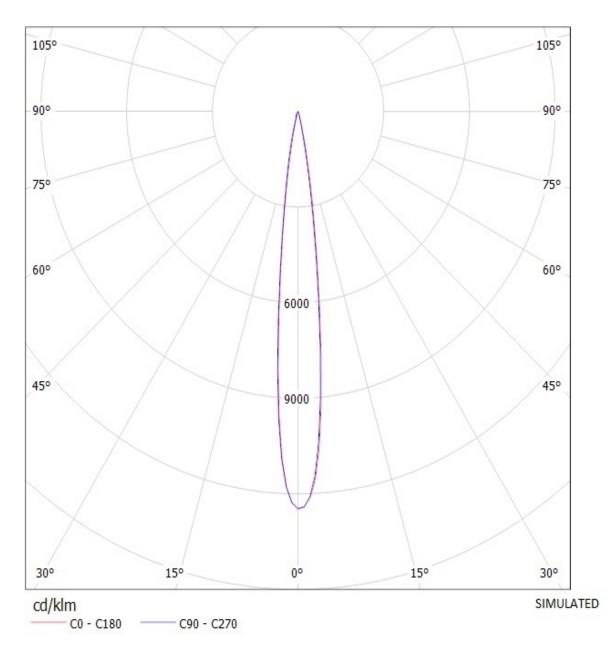


Luminaire: LEDIL OY CA12859_EVA-O / CP12860_EVA-O (XM-L) Efficiency=86% Lamps: 1 x Cree XM-L (111Im @ 250mA)

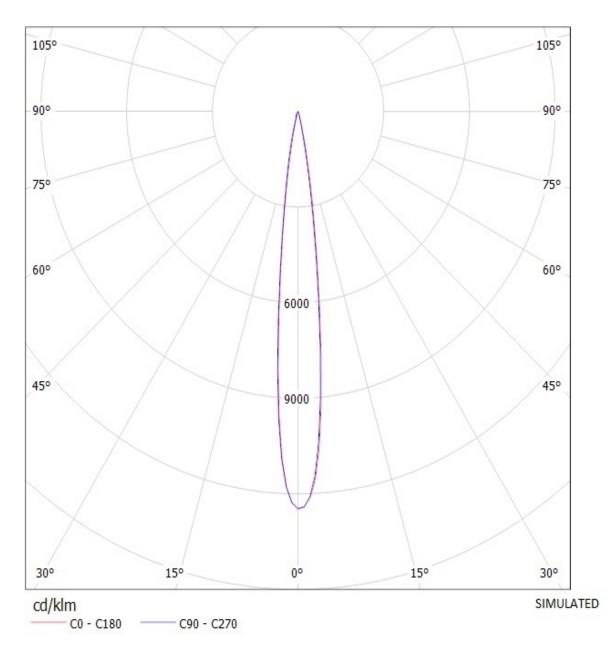




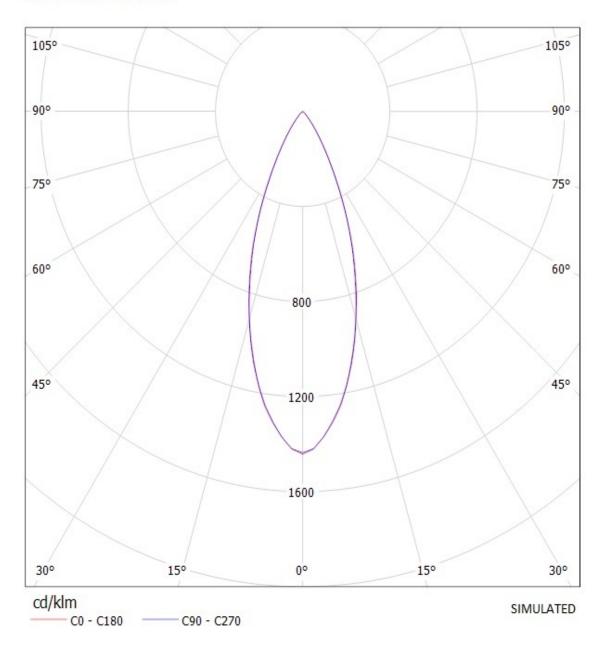
Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape Lamps: 1 x LED Module



Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape Lamps: 1 x LED Module



Luminaire: Ledil Oy CA12059_Eva-W-XM-Tape CA12059_Eva-W-XM-Tape Lamps: 1 x Cree XM-L white



Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape / LDC (Polar)

Luminaire: Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape Lamps: 1 x Cree XM-L

