

PRODUCT DATASHEET Lena series

last update 8/3/2013

Ordering number	CN13165_LENA-WAS			
Family	Lena	FWHM	Asym degrees	
Туре	Pack	Efficiency	82 %	
LED	LUXEON K12	cd/lm	1.300	
Color	Metal	Gerber File	Available	
Diameter	111 mm			
Height	39.1 mm			
Style	Round	Reflector twist-and	l-locks into included base part that holds COE	
Optic Material	PC			
Holder Material	PC			
Fastening	Socket, screw, socket			
Status	Ready			
Ordering number	CN13175_LENA-WAS-DL			
Family	Lena	FWHM	Asym degrees	
Туре	Pack	Efficiency	77 %	
LED	LUXEON K12	cd/lm	1.050	
Color	Metal	Gerber File	Available	
Diameter	111 mm			
Height	41.2 mm			
Style	Round	Reflector twist-and	I-locks into included base part that holds COE	
Optic Material	PC			
Holder Material	PC			
Fastening	Screw, socket			
Status	Ready			
Ordering number	CN13277_LENA-X-WAS			
Family	Lena	FWHM	(simulated) Asym	
Туре	Pack	Efficiency	(simulated) 0 %	
LED	LUXEON K12	cd/lm	-	
Color	White	Gerber File	Available	
Diameter	111 mm			
Height	39.1 mm			
Style	Round	Reflector twist-and	Reflector twist-and-locks into included base part that holds CO	
Optic Material	PC			
Holder Material	PC			
Fastening	Screw, socket			
Status	Ready			
Ordering number	CN13278_LENA-X-WAS-DL			
Family	Lena	FWHM	(simulated) Asym	
Туре	Pack	Efficiency	(simulated) 0 %	
LED	LUXEON K12	cd/lm	-	
Color	White	Gerber File	Available	
Diameter	111 mm			
Height	39.1 mm			
Style	Round	Reflector twist-and	d-locks into included base part that holds COE	
Optic Material	PC			
Holder Material	PC			
 Fastening	Screw, socket			
Status	Ready			

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	Ordering number	CN13261_LENA-SS-DL		
	Family	Lena	FWHM	14 degrees
R	Туре	Pack	Efficiency	75 %
	LED	LUXEON K12	cd/lm	6.150
	Color	Metal	Gerber File	Available
	Diameter	111 mm		
	Height	88.1 mm		
	Style	Round	Reflector twist-a	and-locks into included base part that holds CO
	Optic Material	PC		
	Holder Material	PC		
	Fastening	Socket, screw, socket		
	Status	Ready		
	Ordering number	CN12927_LENA-M		
	Family	Lena	FWHM	19 degrees
	Туре	Pack	Efficiency	80 %
	LED	LUXEON K12	cd/lm	0.530
	Color	Metal	Gerber File	Available
	Diameter	111 mm		
	Height	86.5 mm		
	Style	Round	Reflector twist-a	and-locks into included base part that holds CO
	Optic Material	PC		
	Holder Material	PC		
	Fastening	Socket, screw		
	Status	Ready		
	Ordering number	CN12930_LENA-M-DL		
	Family	Lena	FWHM	21 degrees
	Туре	Pack	Efficiency	74 %
	LED	LUXEON K12	cd/lm	4.000
	Color	Metal	Gerber File	Available
	Diameter	111 mm	Gerber The	Available
	Height	88.1 mm		
	Style	Round	Reflector twist-	and-locks into included base part that holds CO
		PC		·····
	Optic Material Holder Material	PC PC		
	Fastening Status	Socket, screw Ready		
	JIAIUS	Neauy		
	Ordering number	CN12931_LENA-W-DL		
	Family	Lena	FWHM	45 degrees
	Туре	Pack	Efficiency	74 %
	LED	LUXEON K12	cd/lm	1.400
	Color	Metal	Gerber File	Available
	Diameter	111 mm		
	Height	88.1 mm		
	Style	Round	Reflector twist-a	and-locks into included base part that holds CO
	Optic Material	PC		
	Holder Material	PC		
	Fastening	Screw, socket		
	Status	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.

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GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON K12 series of LEDs.

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

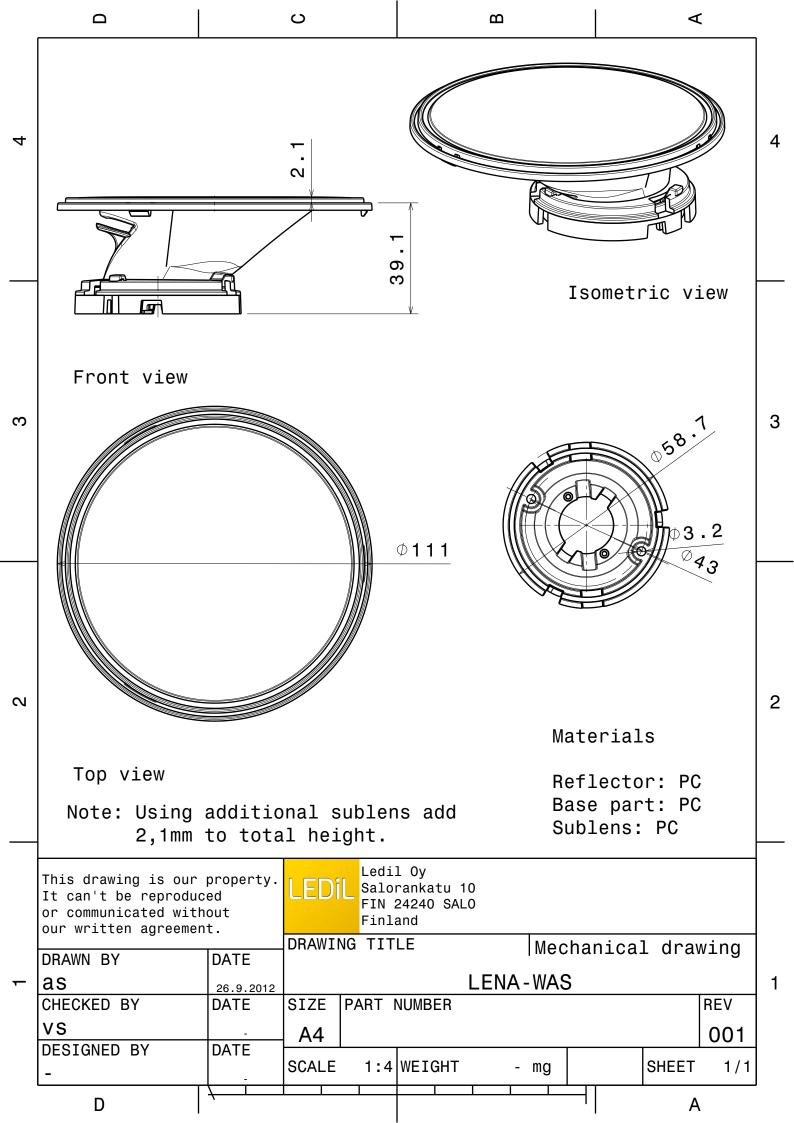
- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

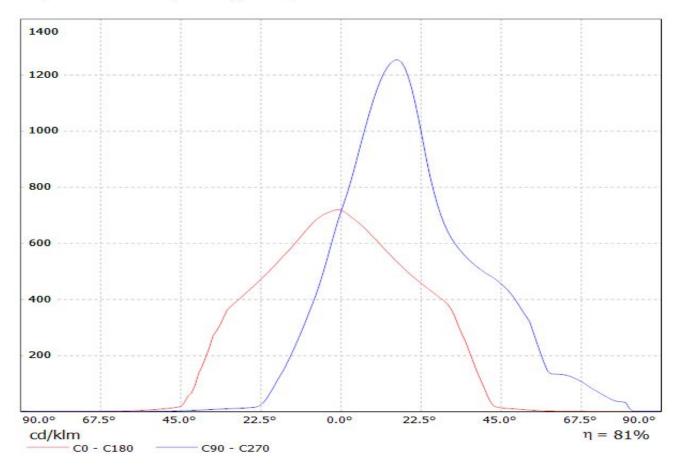
http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL .pdf

- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (110 degrees of Celcius / 230 degrees of Fahrenheit).

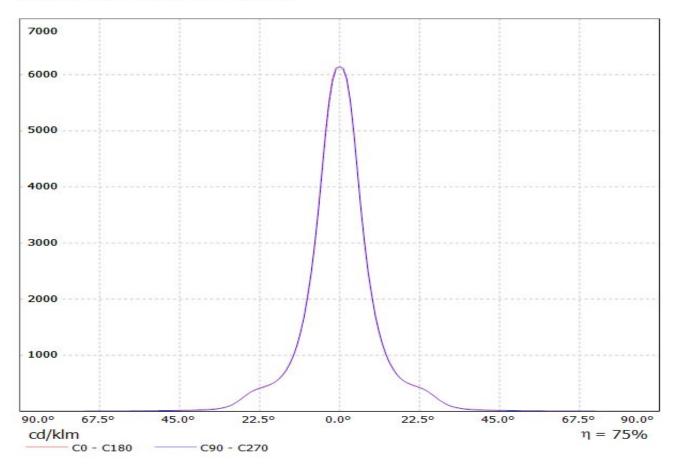
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).



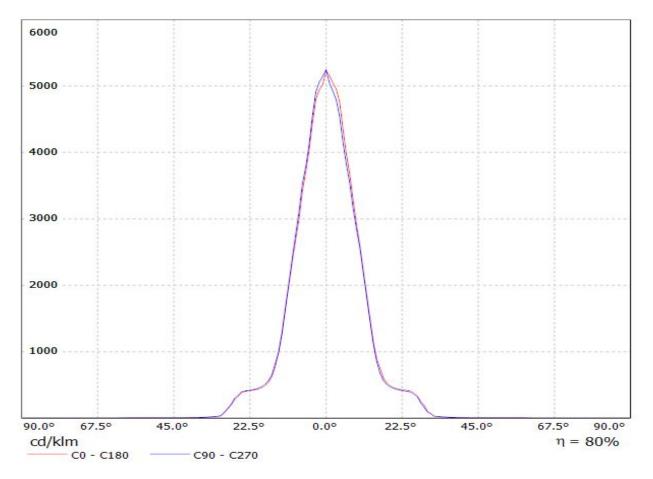
Luminaire: LEDiL Oy CN13165_LENA-WAS_(Luxeon_K12) Lamps: 1 x Luxeon K12 (808.51Im@250mA)



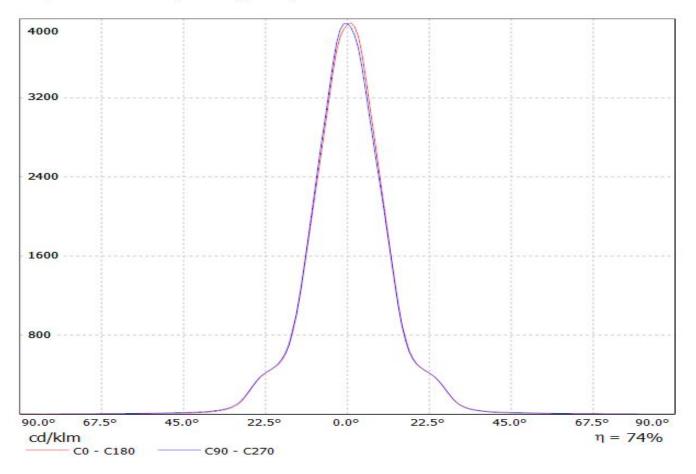
Luminaire: LEDiL Oy _LENA-SS-DL_(Luxeon_K12) Eff.74.9% Lamps: 1 x Luxeon K12 (808.51Im@250mA)



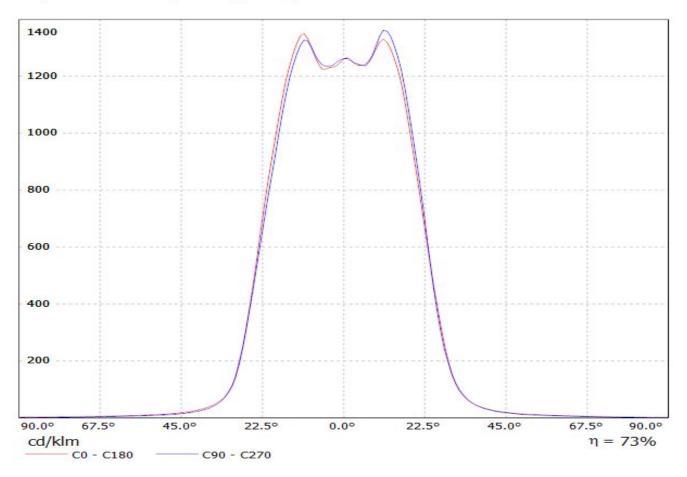
Luminaire: LEDiL Oy CN12927_LENA-M_(Luxeon_K12) Eff.79.7% Lamps: 1 x Luxeon K12 (808.51Im@250mA)



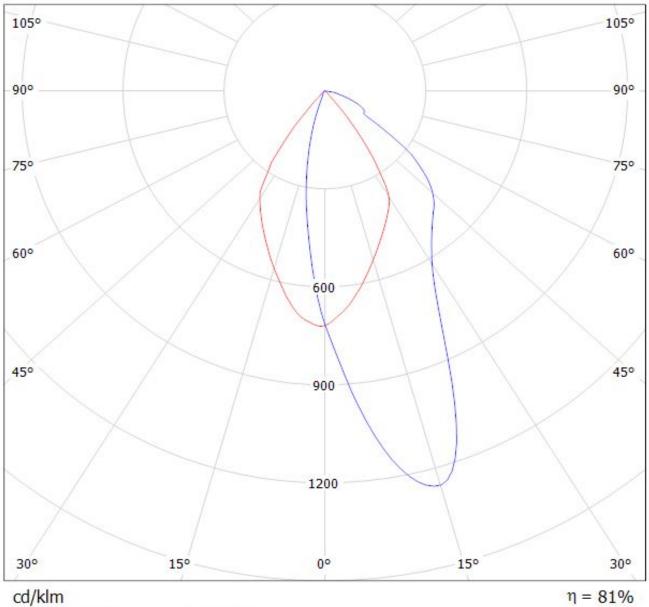
Luminaire: LEDiL Oy CN12930_LENA-M-DL_(Luxeon_K12) Eff.73.6% Lamps: 1 x Luxeon K12 (808.51Im@250mA)



Luminaire: LEDiL Oy CN12931_LENA-W-DL_(Luxeon_K12) Eff.73.4% Lamps: 1 x Luxeon K12 (808.51Im@250mA)

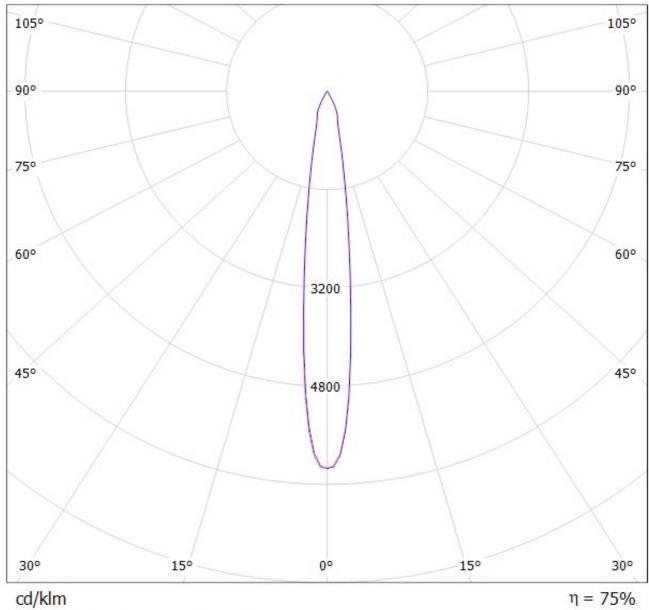


Luminaire: LEDiL Oy CN13165_LENA-WAS_(Luxeon_K12) Lamps: 1 x Luxeon K12 (808.51Im@250mA)



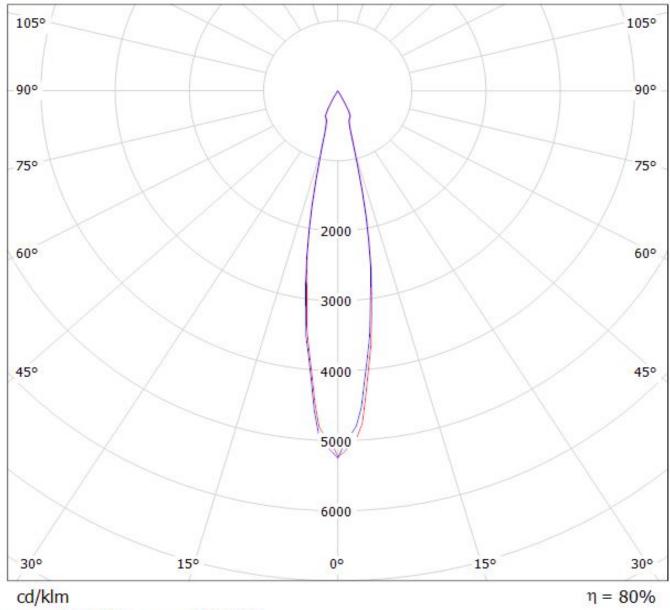


Luminaire: LEDiL Oy _LENA-SS-DL_(Luxeon_K12) Eff.74.9% Lamps: 1 x Luxeon K12 (808.51Im@250mA)



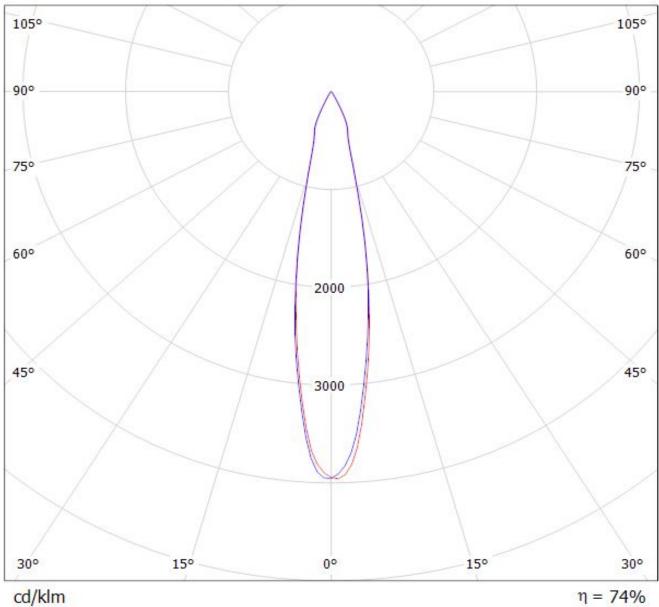
C0 - C180 C90 - C270

Luminaire: LEDiL Oy CN12927_LENA-M_(Luxeon_K12) Eff.79.7% Lamps: 1 x Luxeon K12 (808.51Im@250mA)



_____C0 - C180 _____C90 - C270

Luminaire: LEDiL Oy CN12930_LENA-M-DL_(Luxeon_K12) Eff.73.6% Lamps: 1 x Luxeon K12 (808.51Im@250mA)



_____ C0 - C180 _____ C90 - C270

Luminaire: LEDiL Oy CN12931_LENA-W-DL_(Luxeon_K12) Eff.73.4% Lamps: 1 x Luxeon K12 (808.51lm@250mA)

