

## PRODUCT DATASHEET Lena series

last update 4/2/2013



	Ordering number	CN12099_LENA-S		
	Family	Lena	FWHM	10 degrees
	Туре	-	Efficiency	(simulated) 0 %
	LED	COB204	cd/lm	-
	Color	Metal	Gerber File	Available
	Diameter	111 mm		
	Height	85.6 mm		
	Style	Round		
	Optic Material	PC		
	Holder Material	PC		
	Fastening Status	Screw		
	Status	Ready		
	Ordering number	CN12110_LENA-S-DL		
	Family	Lena	FWHM	11 degrees
7	Туре	-	Efficiency	(simulated) 0 %
	LED	COB204	cd/lm	-
	Color	Metal	Gerber File	Available
	Diameter	111 mm		
	Height	87.2 mm		
	Style	Round		
	Optic Material	PC		
	Holder Material	PC		
	Fastening	Screw		
	Status	Ready		
	Ordering number	CN12165_LENA-M-DL		
		Lena	FWHM	19 degrees
	Family Type		FWHM Efficiency	19 degrees (simulated) 0 %
	Family	Lena		-
	Family Type	Lena -	Efficiency	-
	Family Type LED Color Diameter	Lena - COB204	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height	Lena - COB204 Metal 111 mm 87.2 mm	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style	Lena - COB204 Metal 111 mm 87.2 mm Round	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material	Lena - COB204 Metal 111 mm 87.2 mm Round PC	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material Holder Material	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material Holder Material	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw	Efficiency cd/Im	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready	Efficiency cd/Im	(simulated) 0 % - Available
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready CN12111_LENA-W-DL	Efficiency cd/lm Gerber File	(simulated) 0 %
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready CN12111_LENA-W-DL Lena	Efficiency cd/lm Gerber File FWHM	(simulated) 0 % - Available 44 degrees
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready CN12111_LENA-W-DL Lena -	Efficiency cd/lm Gerber File FWHM Efficiency	(simulated) 0 % - Available 44 degrees
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status <b>Ordering number</b> Family Type LED Color Diameter	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready CN12111_LENA-W-DL Lena - COB204 Metal 111 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready CN12111_LENA-W-DL Lena - COB204 Metal 111 mm 87.2 mm	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height Style	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready CN12111_LENA-W-DL Lena - COB204 Metal 111 mm 87.2 mm Round	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height Style Optic Material	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready <b>CN12111_LENA-W-DL</b> Lena - COB204 Metal 111 mm 87.2 mm Round PC	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height Style Optic Material Holder Material	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready <b>CN12111_LENA-W-DL</b> Lena - COB204 Metal 111 mm 87.2 mm Round PC PC PC	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready <b>CN12111_LENA-W-DL</b> Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height Style Optic Material Holder Material	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready <b>CN12111_LENA-W-DL</b> Lena - COB204 Metal 111 mm 87.2 mm Round PC PC PC	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -
	Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening Status Ordering number Family Type LED Color Diameter Height Style Optic Material Holder Material Fastening	Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw Ready <b>CN12111_LENA-W-DL</b> Lena - COB204 Metal 111 mm 87.2 mm Round PC PC Screw	Efficiency cd/lm Gerber File FWHM Efficiency cd/lm	(simulated) 0 % - Available 44 degrees (simulated) 0 % -

Ledil Oy Salorankatu 10 24240 SALO Finland

ILI.

1.

1.12

October 31st 2013 5:59 Copyright Ledil Oy - Subject to change without prior notice - Page 1/3

http://www.ledil.com email: ledil@ledil.com FAX: +358-2-733 8001



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.

Ledil Oy Salorankatu 10 24240 SALO Finland



PRODUCT DATASHEET Lena series last update 4/2/2013

## **GENERAL INFORMATION**

- Product series especially designed & optimized for COB204 series of LEDs.

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





