



PRODUCT DATASHEET

Barbara series

last update 21/5/2014

DETAILS

Product Number	F13700_BARBARA-S-PF
Family	Barbara
Type	Reflector
Color	metal
Diameter	70 mm
Height	41.7 mm
Style	round
Optic Material	PC
Holder Material	
Fastening	pin
Status	ready
ROHS Compliant	Yes
Date Updated	21/05/2014



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
CXA15xx	(simulated) 12	-	-	(simulated) 0.000	-
VERO10	(simulated) 13	-	-	(simulated) 0.000	-
VERO13	(simulated) 15	-	-	(simulated) 0.000	-
VERO18	(simulated) 21	-	-	(simulated) 0.000	-

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 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 (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.