

## DETAILS

<b>Product Number</b>	FP11853_LISA2-O-90-PIN
<b>Family</b>	Lisa
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	9,9 mm
<b>Height</b>	6,6 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	31/08/2015



## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		
	Angle	Beam	ciency	cd/lm	Connector
LUXEON Rebel	48+19 deg	O-90	83 %	-	-
LUXEON Rebel ES	48+20 deg	O-90	81 %	1.900	-
LUXEON A	48+20 deg	O-90	-	-	-

**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.**