

## CRS-O-90

~13° + 45° oval beam optimized for CREE XR-E.  
Variant with beam direction rotated 90°.  
Assembly with white holder.

### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.8 mm
Fastening	tape
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-A-A-O-90	Single lens	PC		
ROSE HLD-CRS-WHT	Holder	PC		
ROSE-TAPE	Tape	PU tape		

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11147_CRS-O-90	Single lens	2304		144	0.0
» Box size:					



## PHOTOMETRIC DATA (MEASURED):



LED	XR-E
FWHM	12.0 + 48.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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