

## NIS83-MX-O-90

~13° + 45° oval beam optimized for Nichia NS6x83. Variant with beam direction rotated 90°. Assembly with white holder.

### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.5 mm
Fastening	tape
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11151_NIS83-MX-O-90	Single lens	2304	288	144	11.5
» Box size: 470 x 235 x 270 mm					

## PHOTOMETRIC DATA (MEASURED):

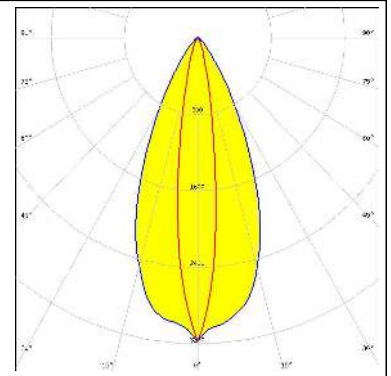
**CREE** 

LED MX-6  
FWHM 44.0 + 18.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

## PHOTOMETRIC DATA (SIMULATED):



LED NS6x83  
FWHM 46.0 + 15.0°  
Efficiency 93 %  
Peak intensity 3.100 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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