

REFLECTIVE OPTIC



MECHANICAL DIMENSIONS

7º "Spot" model 11.5mm (0.453") top diameter 11.2mm (0.433") base diameter 10.0mm (0.249") height

13° "Wide" model 9.7mm (0.433") top diameter 11.2mm (0.433") base diameter 3.8mm (0.142") height

Dashes are for reference only

FEATURES / BENEFITS

- ▲ Only 11.5mm (0.453") maximum diameter
- ▲ Ideal for tightly spaced LED arrays
- ▲ Adhesive backing for easy installation. Adhesive rated from -40°C to +120°C (-40°F to +248°F)
- ▲ Automatic alignment feature
- ▲ Spot & wide versions available for Luxeon Rebel LEDS
- ▲ Universal version suites Cree XPC, XPE, XPG and standard Rebel LEDs
- ▲ Adhesive is approved to ESK-M3G162, WSK-3G184-A4 (Ford motor) & RES22LA06 type 2 (Rover)

APPLICATIONS

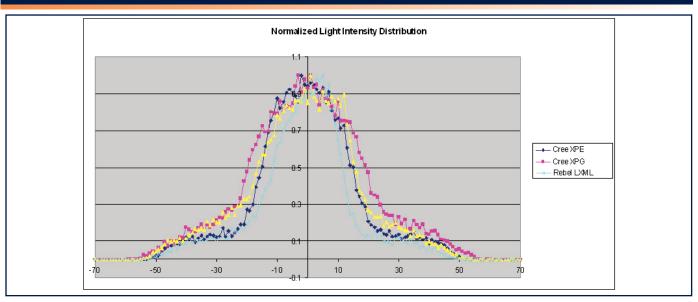
- ▲ Spot lighting
- ▲ Flood lighting
- ▲ Accent lighting
- ▲ RGB color mixing

ORDERING INFORMATION

OPC1-1-COL 7 degree "spot" model (Luxeon only) 70 OPC1-2-COL 13 degree "wide" model (Luxeon only) Universal optic for: OPC-RFF-1-WD OPC-RFF-1-WD Refer to light intensity distribution	Dialight P/N	Description	Degree*
Universal optic for:	OPC1-1-COL	• .	7°
	OPC1-2-COL	•	13°
Rebel	OPC-REF-1-WD	Cree - XPC, XPE, XPG	Refer to light intensity distribution chart



LIGHT INTENSITY DISTRIBUTION FOR OPC-REF-1-WD



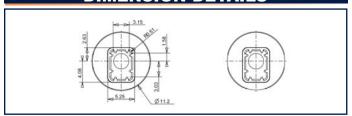
The full-width at half-maximum emission angle is:

- 38 degree (+/-19 degree) for Cree XPG
- 30 degree (+/-15 degree) for Cree XPE
- 23 degree (+/-11.5 degree) for Luxeon rebel LXLM

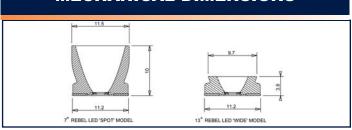
VIBRATION TESTING

Test	Standard/Test Method	
Vibration	Class A alternating 60°C to 25°C Twenty 12 minute cycles 5 200 Hz @ 4.2 g 3 axes	
Shock	10g 11 mS Terminal Peak Sawtooth 3 axes	

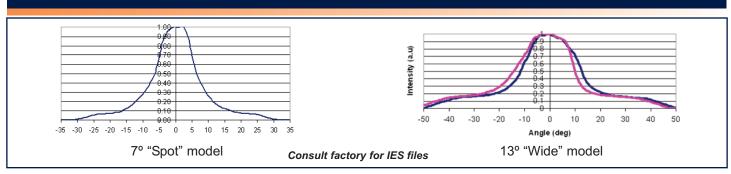
PCB ALIGNMENT DIMENSION DETAILS



MECHANICAL DIMENSIONS



PHOTOMETRIC DATA



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C13253_TINA2-R-CLIP16 CA14591_BROOKE-XW F15560_MIRELLA-G2-W CA11525_LAURA-R-W 12796 LMH020-REFL-00000000062 LMH020-REFL-0000-0000082 C12606_LENINA-DL CN12711_LENINA-W-DL C11394_TYRA-S C11396_TYRA-W

C11508_BROOKE-W C11552_BARBARA-S C11553_BARBARA-W C11862_MINNIE-W C11979_LENA-S C11980_LENA-W

C11996_LENA-LENS C12083_BROOKE-SCR-M C12095_MINNIE-M C12097_MINNIE-WWW C12154_LENA-M C12469_LISA2-R-PIN C12476_MIRELLA-50-S C12477_MIRELLA-50-M C12480_MIRELLA-50-S-PIN C12516_RITA-WAS C12597_LENINA-S

C12599_LENINA-W C12948_LENA-WAS C12958_LENINA-XW C13085_MIRELLA-50-S-PF C13087_MIRELLA-50-W-PF

C13101_LENA-X-WAS C13555_BRIDGET-W-UNI C13556_BRIDGET-M-UNI C13557_BRIDGET-S-UNI C14346_ANGELETTE-WAS

C17099_ALISE-50-DL C17095_ALISE-70-CL C17094_ALISE-50-CL