

FEATURES AND PATTERN

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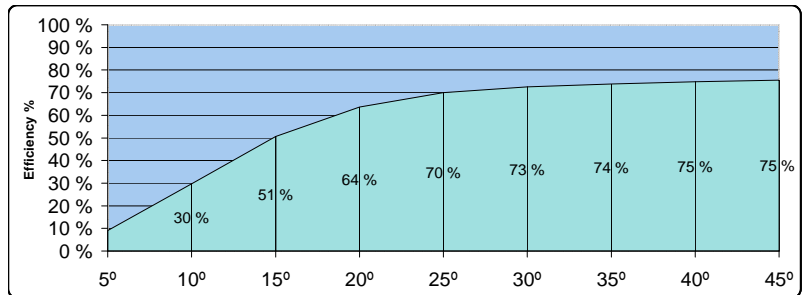
CR-102+ Cree MK-R

Lens part number	CR102
Tested with LED	Cree MK-R
Lens Material	PMMA
FWMHP	26



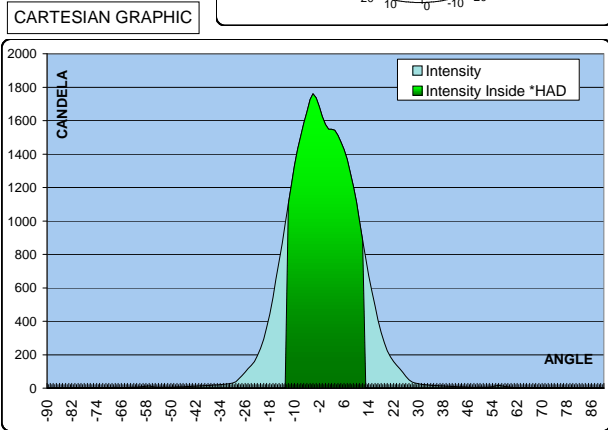
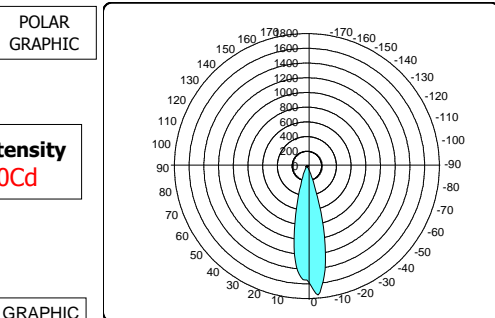
OPTICAL EFFICIENCY

Half Angle Divergence:	13.0 deg
HAD Efficiency:	39 %
Collection Efficiency:	79 %



OUTPUT DISTRIBUTION

LED Flux: 510 Lumens at 350 mA



ILLUMINANCE

LED Flux: 510 Lumens at 350 mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES			
RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	1577 Lux	394 Lux	175 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	10 X		

