

TECHNICAL DETAIL & LAB TEST REPORT

FEATURES AND PATTERN

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CR-101 + Cree MK-R

Lens part number	CR101
Tested with LED	Cree MK-R
Lens Material	PMMA
FWMH°	29

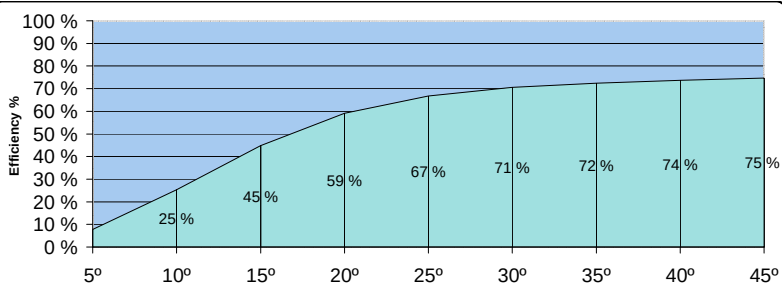


OPTICAL EFFICIENCY

Half Angle Divergence: 14.5 deg

HAD Efficiency: 33 %

Collection Efficiency: 78 %

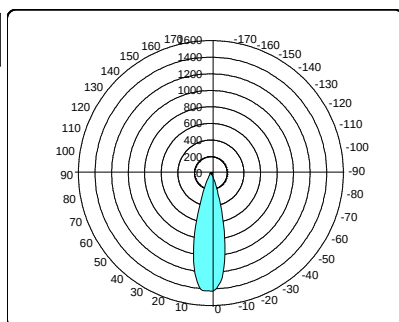


OUTPUT DISTRIBUTION

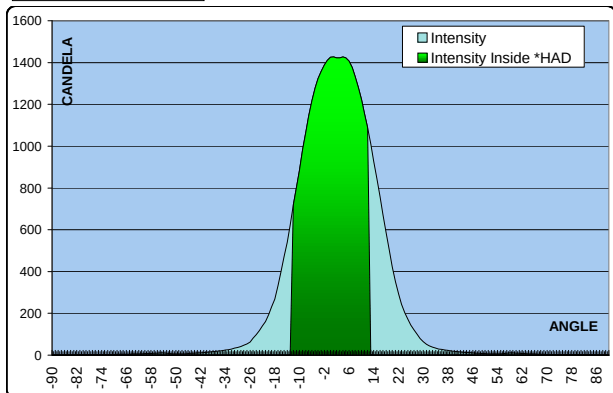
LED Flux: 510 Lumens at 350 mA

POLAR GRAPHIC

Max intensity
1428Cd



CARTESIAN GRAPHIC



ILLUMINANCE

LED Flux: 510 Lumens at 350 mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES

RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	1425 Lux	356 Lux	158 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	9 X		

