

FEATURES AND PATTERN

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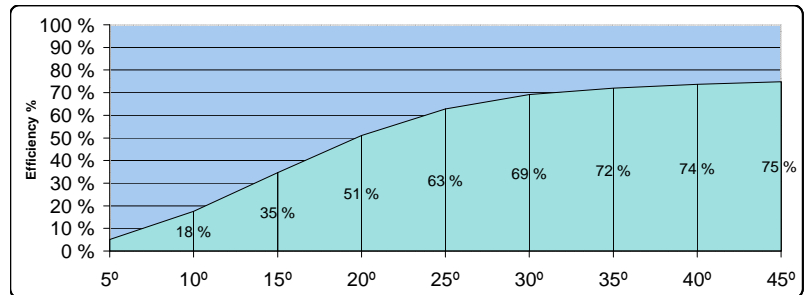
CR-103+ Cree MK-R

Lens part number	CR103
Tested with LED	Cree MKR
Lens Material	PMMA
FWMHP [°]	37



OPTICAL EFFICIENCY

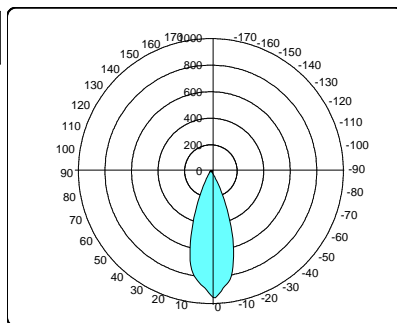
Half Angle Divergence:	18.5 deg
HAD Efficiency:	45 %
Collection Efficiency:	79 %



OUTPUT DISTRIBUTION

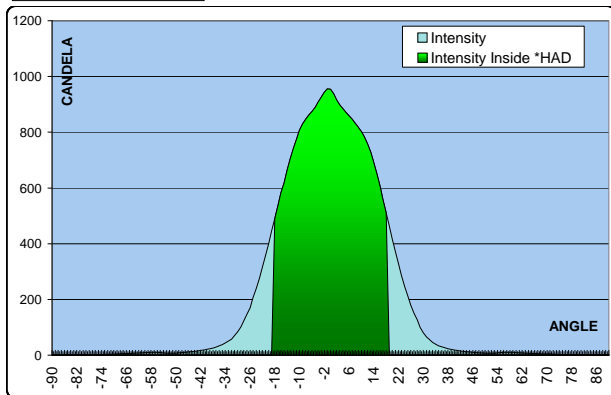
LED Flux: 510 Lumens at 350 mA

POLAR GRAPHIC



Max intensity
956Cd

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	954 Lux	238 Lux	106 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	6 X		

