DBM REFLEX®
LIGHTING SOLUTIONS

TECHNICAL DETAIL & LAB TEST REPORT

FEATURES AND PATTERN

CR-102+ Cree MK-R

Lens part number	CR102
Tested with LED	Cree MK-R
Lens Material	PMMA
FWMHº	26
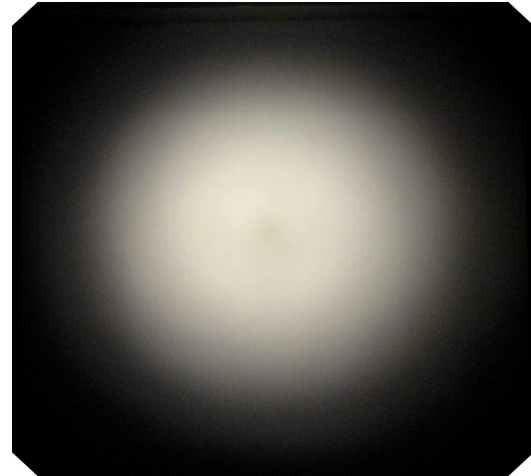
OPTICAL EFFICIENCY

Half Angle Divergence: 13.0 deg

HAD Efficiency: 39 %

Collection Efficiency: 79 %

Efficiency %

5º	10º	15º	20º	25º	30º	35º	40º	45º
	30 %	51 %	64 %	70 %	73 %	74 %	75 %	75 %
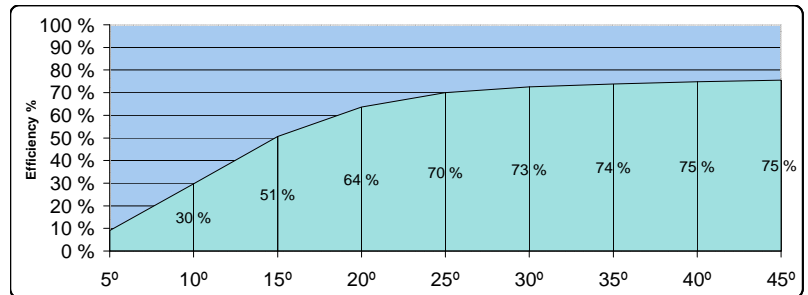
OUTPUT DISTRIBUTION

LED Flux: 510 Lumens at 350 mA

POLAR GRAPHIC

Max intensity
1760Cd

CARTESIAN GRAPHIC

- Intensity
- Intensity Inside *HAD

CANDELA

ANGLE
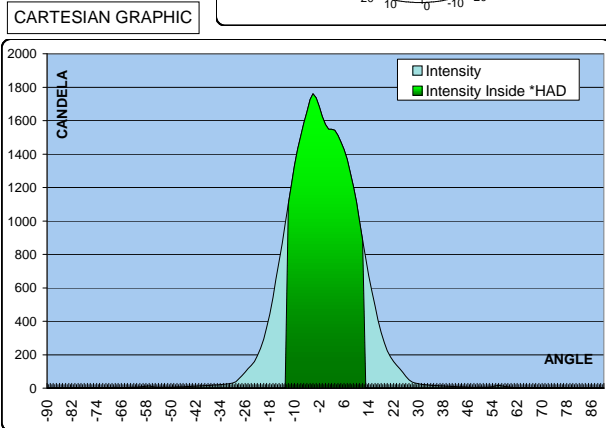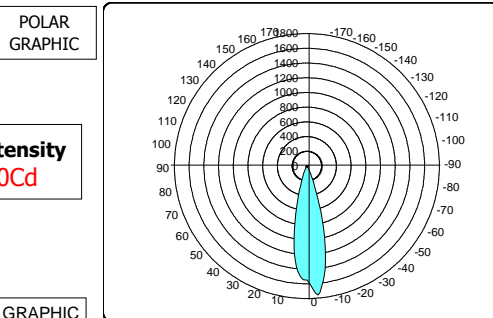
ILLUMINANCE

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		

- Lux at 1m
- Lux at 2m
- lux at 3m

LUX

ANGLE
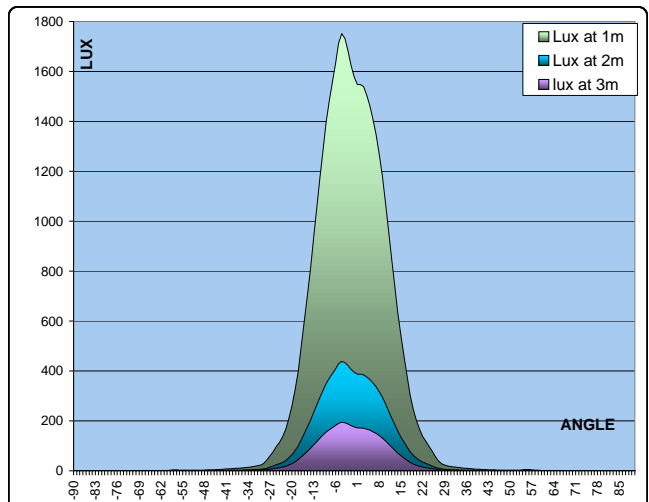
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