

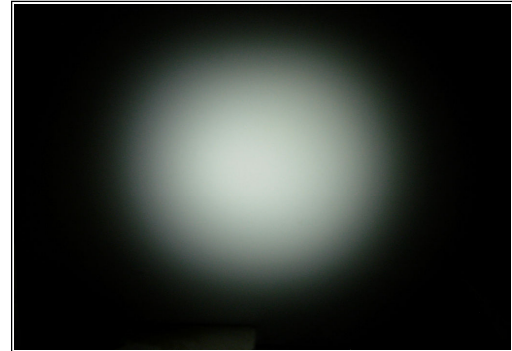
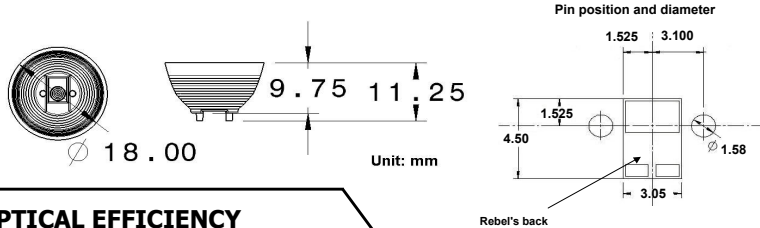
## FEATURES AND PATTERN

[www.dbmlighting.com](http://www.dbmlighting.com)

### 18 mm SERIES - Medium Beam - Part Number R-004s

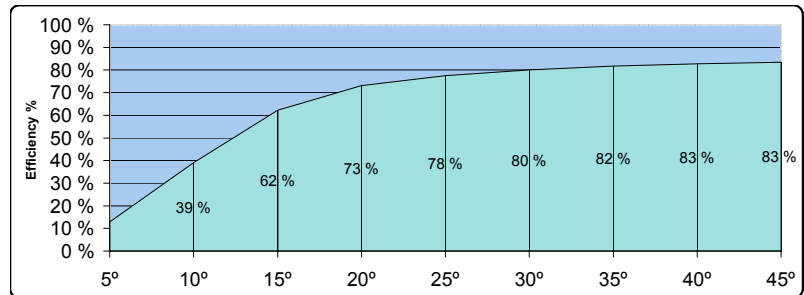
Lens Reference	DBM18A-15F-REW-1
Tested with LED	Luxeon Rebel 50lm White
HAD*	11 deg
Curve Type	PEAK
Lens Material	PMMA HT
Operating temperature	-40°C+110°C

\*HAD = Half Angle Divergence



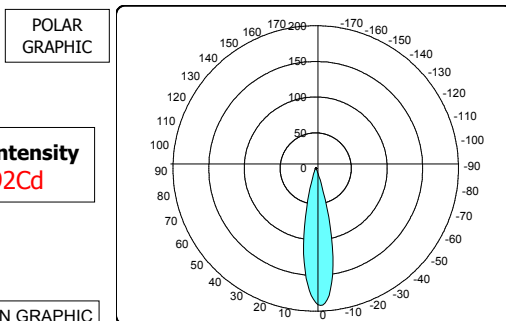
## OPTICAL EFFICIENCY

Half Angle Divergence:	11 deg
HAD Efficiency:	45 %
Collection Efficiency:	89 %



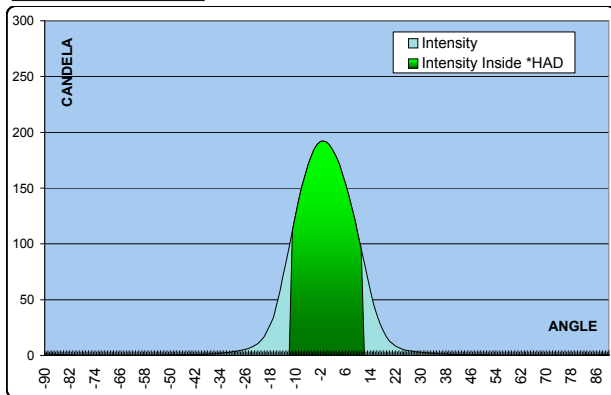
## OUTPUT DISTRIBUTION

LED Flux: 40 Lumens at 350 mA



**Max intensity**  
192Cd

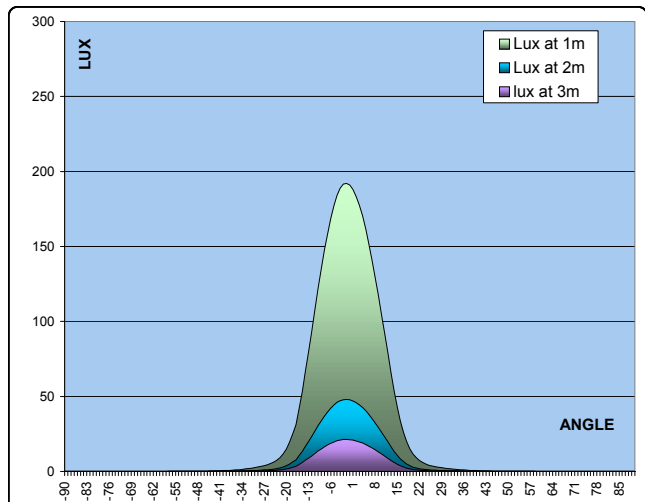
CARTESIAN GRAPHIC



## ILLUMINANCE

LED Flux: 40 Lumens at 350 mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES			
RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	191 Lux	48 Lux	21 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	14 X		



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[LL01ED-AKY24R49](#) [LL01CR-AYG15R49](#) [LL01CR-OT32L06-M2](#) [LL01ZZ-AAA24L49](#) [LL01CR-CEN38L02](#) [LL01ZZ-AAA55L49](#)  
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