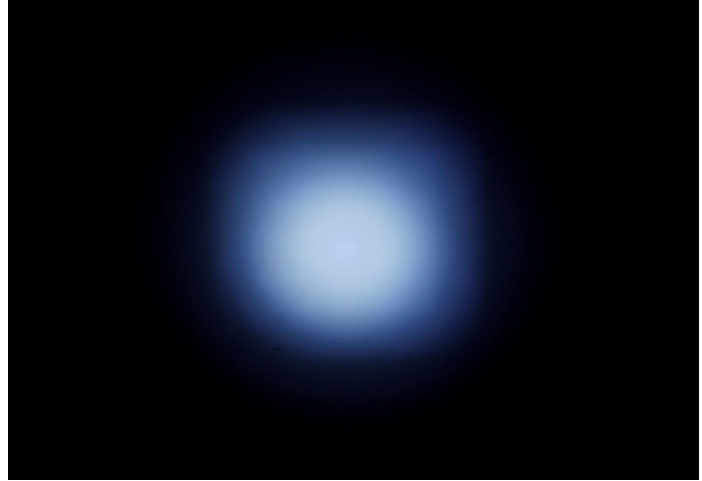


## FEATURES AND PATTERN

**0-005**

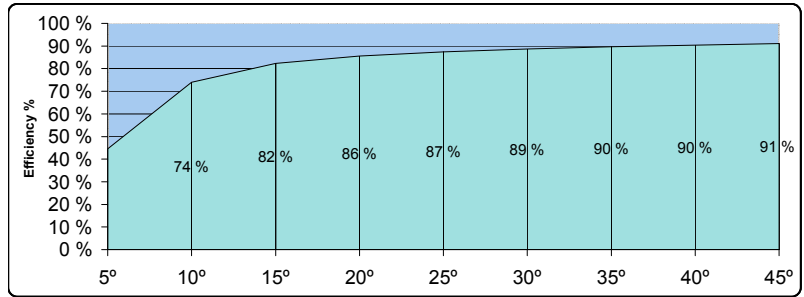
Lens Reference	DBM14.5A-5P-GDWAM-1
Tested with LED	Osram Golden dragon AM
HAD*	6 deg
Curve Type	PEAK / FLAT
Lens Material	PMMA
Operating temperature	-40°C+90°C

\*HAD = Half Angle Divergence



## OPTICAL EFFICIENCY

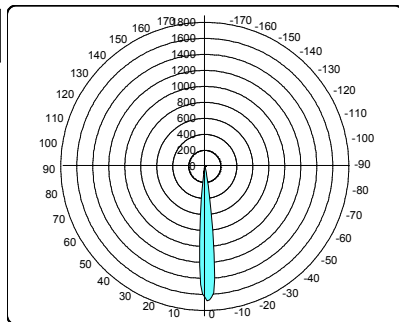
Half Angle Divergence:	<b>6 deg</b>
HAD Efficiency:	<b>54 %</b>
Collection Efficiency:	<b>94 %</b>



## OUTPUT DISTRIBUTION

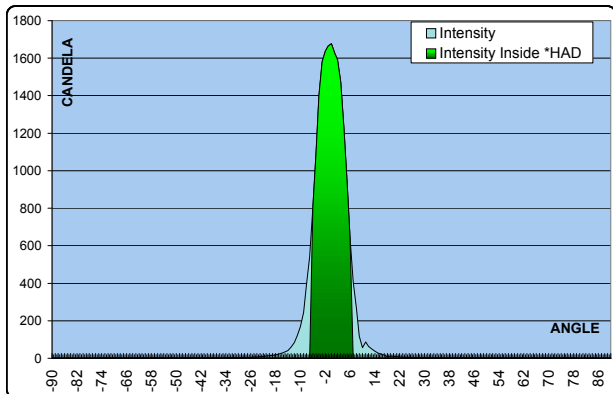
Measurements done with a 85 Lumens LED FLux

POLAR GRAPHIC



**Max intensity**  
**1677Cd**

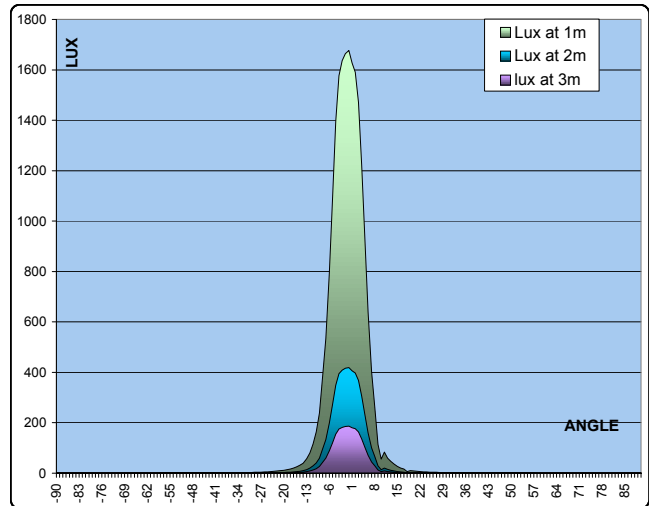
CARTESIAN GRAPHIC



## ILLUMINANCE

### ILLUMINANCE VALUES AT VARIOUS DISTANCES

RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	1677 Lux	419 Lux	186 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	<b>84 X</b>		



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