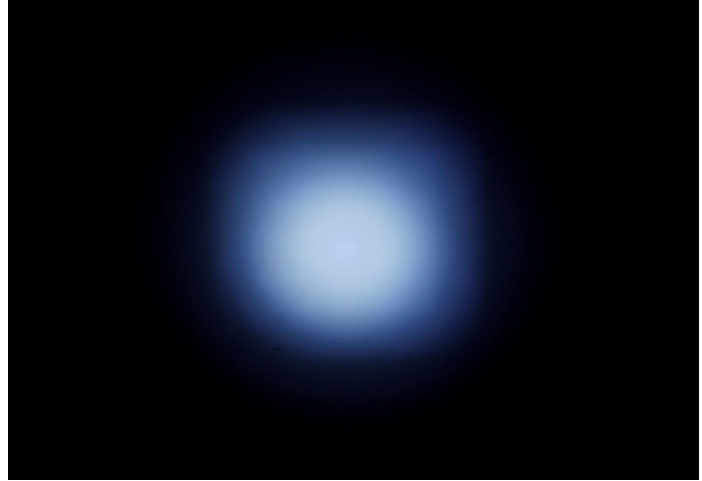


FEATURES AND PATTERN

0-005s

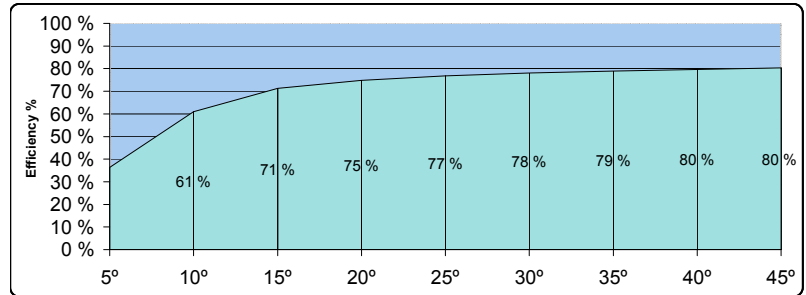
Lens Reference	DBM14.5A-5P-GDWAM-2
Tested with LED	Osram Golden dragon AM
HAD*	5 deg
Curve Type	PEAK / FLAT
Lens Material	PMMA
Operating temperature	-40°C+90°C

*HAD = Half Angle Divergence



OPTICAL EFFICIENCY

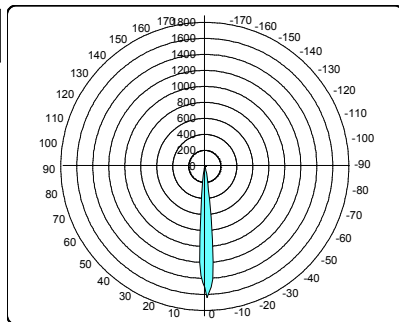
Half Angle Divergence:	5 deg
HAD Efficiency:	36 %
Collection Efficiency:	94 %



OUTPUT DISTRIBUTION

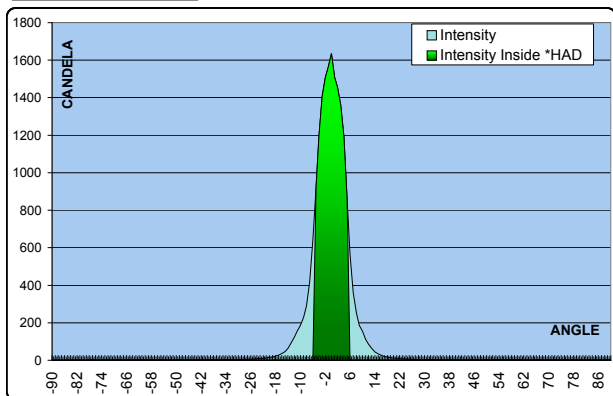
Measurements done with a 94 Lumens LED FLux

POLAR GRAPHIC



Max intensity
1635Cd

CARTESIAN GRAPHIC



ILLUMINANCE

ILLUMINANCE VALUES AT VARIOUS DISTANCES

RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	1635 Lux	409 Lux	182 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	78 X		

