

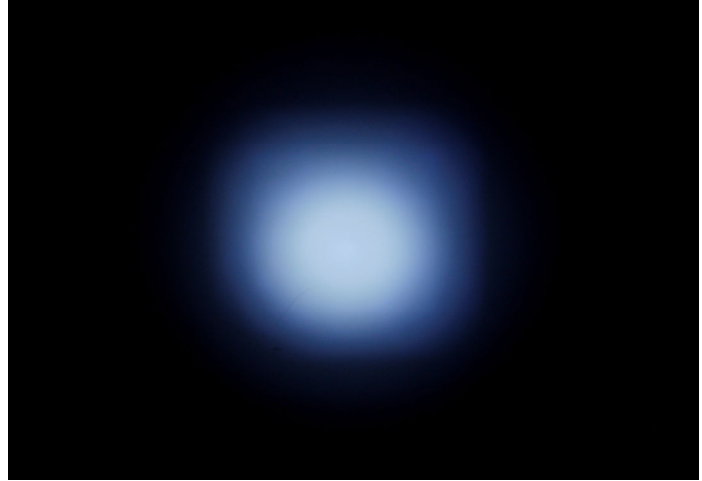
TECHNICAL DETAIL & LAB TEST REPORT

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

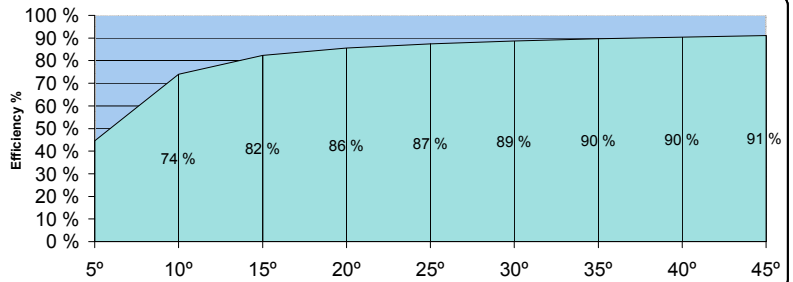


OPTICAL EFFICIENCY

Half Angle Divergence: **6 deg**

HAD Efficiency: **54 %**

Collection Efficiency: **94 %**

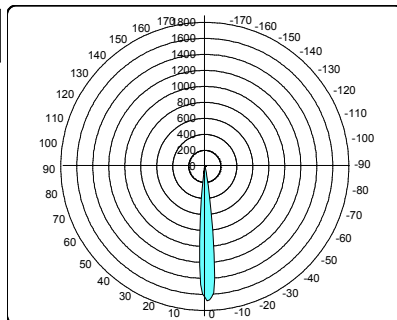


OUTPUT DISTRIBUTION

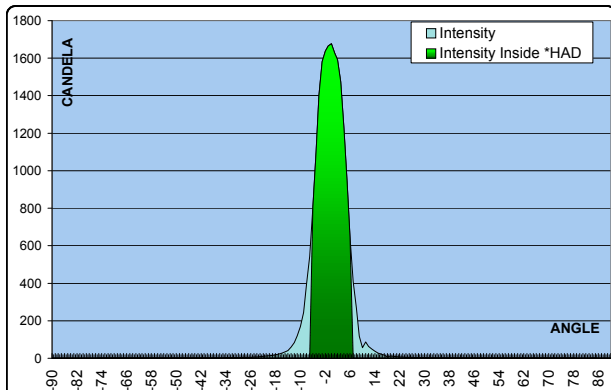
Measurements done with a 85 Lumens LED FLux

POLAR GRAPHIC

Max intensity
1677Cd



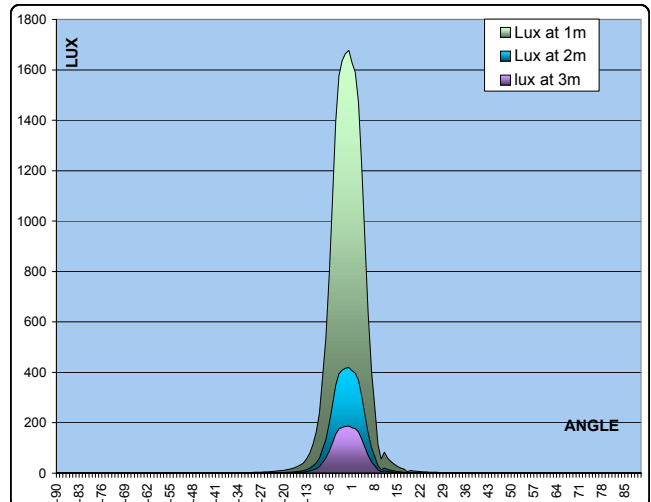
CARTESIAN GRAPHIC



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	84 X		



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Authorized Distributor

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