

FEATURES AND PATTERN

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0-006

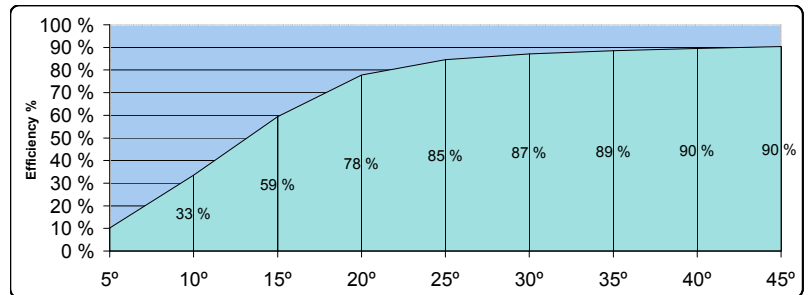
Lens Reference	dbm14.5A-18F-GDW AM-1
Tested with LED	Osram Golden dragon AM
HAD*	15 deg
Curve Type	PEAK
Lens Material	PMMA
Operating temperature	-40°C+90°C

*HAD = Half Angle Divergence



OPTICAL EFFICIENCY

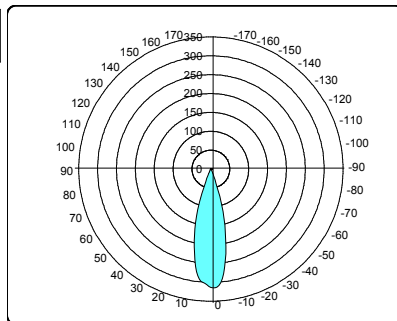
Half Angle Divergence:	15 deg
HAD Efficiency:	62 %
Collection Efficiency:	96 %



OUTPUT DISTRIBUTION

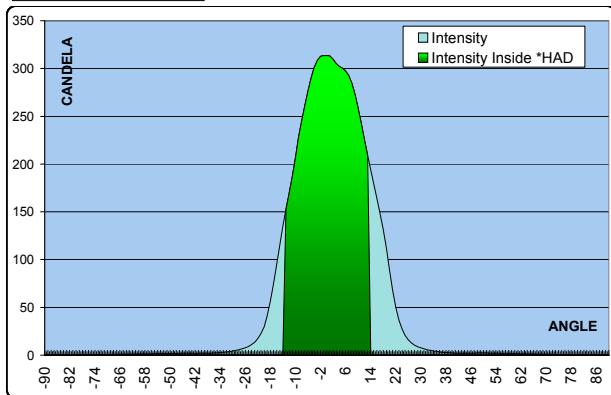
LED Flux: 85 Lumens 350mA

POLAR GRAPHIC



Max intensity
314Cd

CARTESIAN GRAPHIC

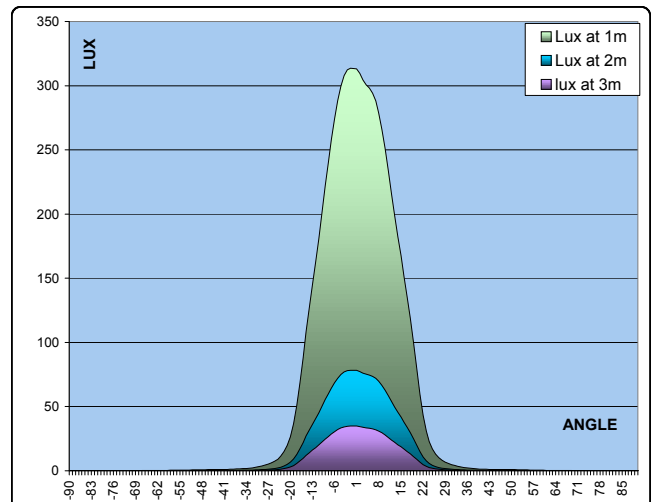


ILLUMINANCE

LED Flux: 85 Lumens 350mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES

RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	313 Lux	78 Lux	35 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	15 X		



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