

FEATURES AND PATTERN

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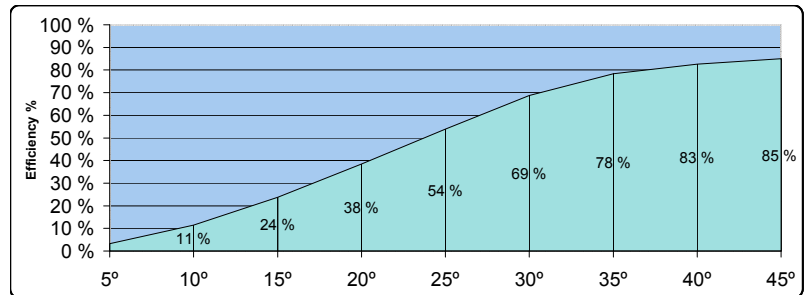
Lens Reference	dbm14.5A-30F-GDW AM-1
Tested with LED	Osram Golden dragon AM
HAD*	30 deg
Curve Type	PEAK
Lens Material	PMMA
Operating temperature	-40°C+90°C

*HAD = Half Angle Divergence



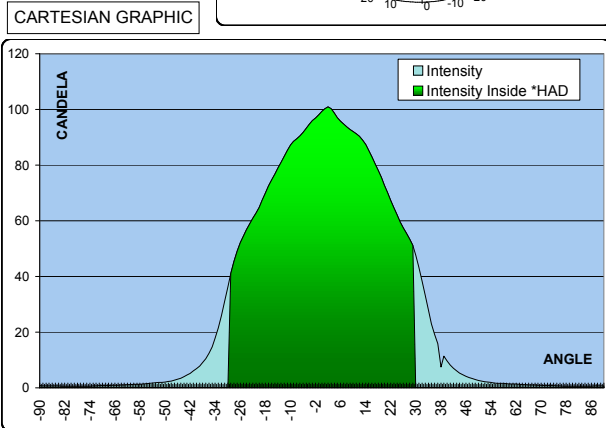
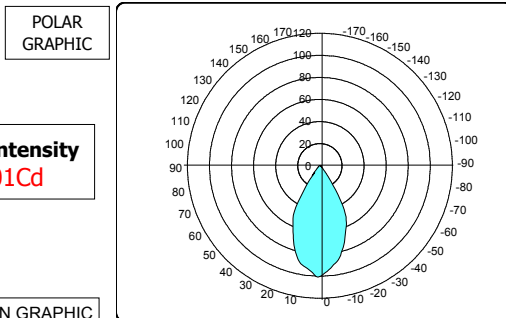
OPTICAL EFFICIENCY

Half Angle Divergence:	30 deg
HAD Efficiency:	69 %
Collection Efficiency:	91 %



OUTPUT DISTRIBUTION

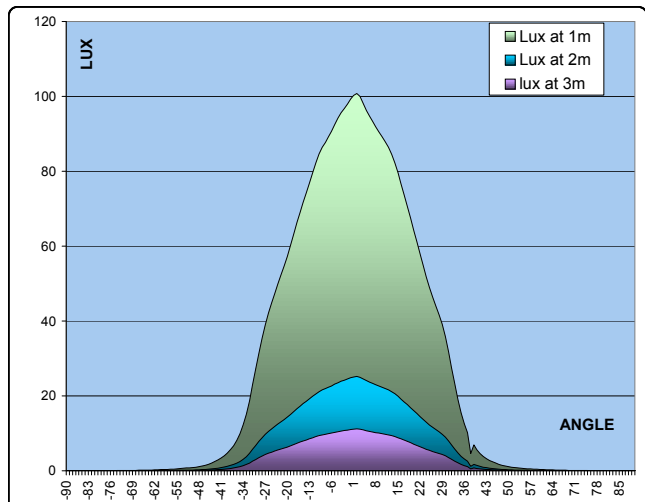
LED Flux: 85 Lumens 350mA



ILLUMINANCE

LED Flux: 85 Lumens 350mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES			
RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	99 Lux	25 Lux	11 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	5 X		



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