

FEATURES AND PATTERN

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13 mm SERIES - 6° Half Angle - Part number 0-002

Lens Reference	DBM13A-7P-GDW-2
Tested with LED	Golden Dragon warm white SM series
HAD*	6 deg
Curve Type	PEAK
Lens Material	PMMA HT
Operating temperature	-40°C+110°C

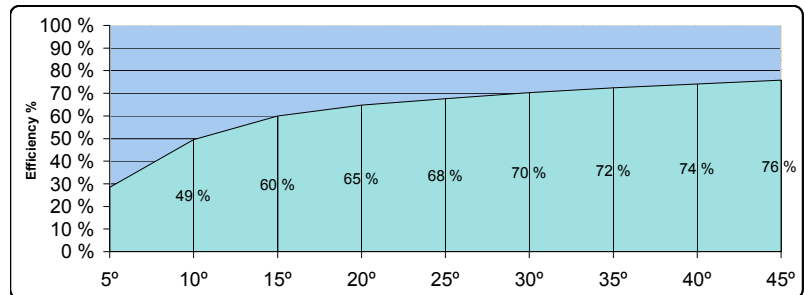


*HAD = Half Angle Divergence



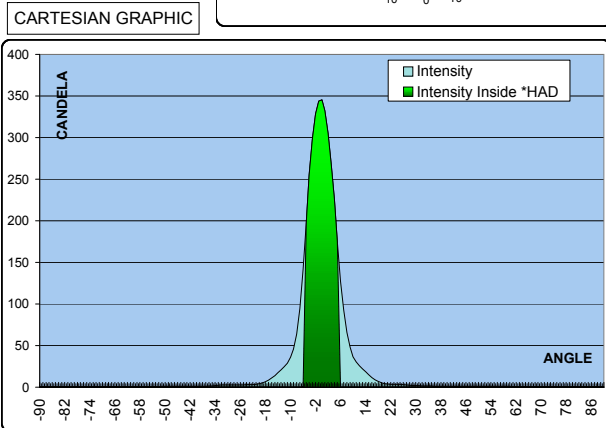
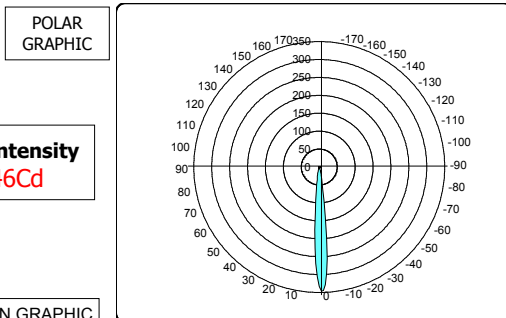
OPTICAL EFFICIENCY

Half Angle Divergence:	6 deg
HAD Efficiency:	35 %
Collection Efficiency:	88 %



OUTPUT DISTRIBUTION

LED Flux: 25 Lumens at 350 mA



ILLUMINANCE

LED Flux: 25 Lumens at 350 mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES			
RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	346 Lux	86 Lux	38 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	41 X		

