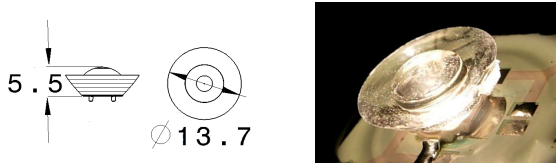


## FEATURES AND PATTERN

### 13 mm SERIES - 18° Half Angle - Part number 0-003s

Lens Reference	DBM13A-30F-GDW-2
Tested with LED	Golden Dragon Warm White
HAD*	18 deg
Curve Type	FLAT
Lens Material	PMMA HT
Operating temperature	-40°C+110°C

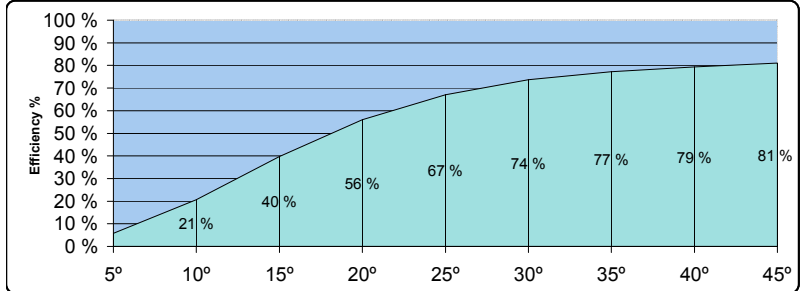


\*HAD = Half Angle Divergence



## OPTICAL EFFICIENCY

Half Angle Divergence:	18 deg
HAD Efficiency:	50 %
Collection Efficiency:	92 %

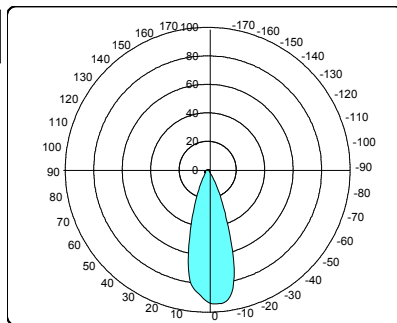


## OUTPUT DISTRIBUTION

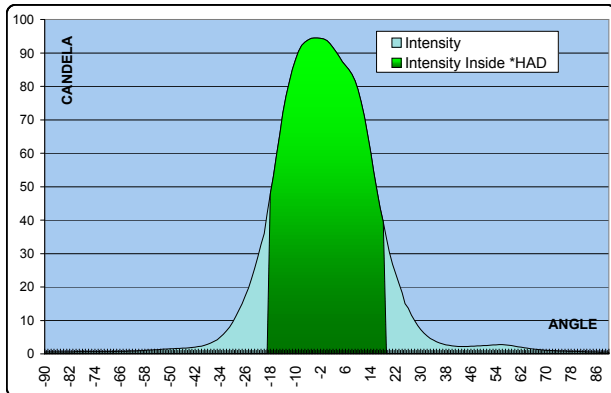
LED FLUX: 25 Lumens at 350mA

POLAR GRAPHIC

Max intensity  
94Cd



CARTESIAN GRAPHIC

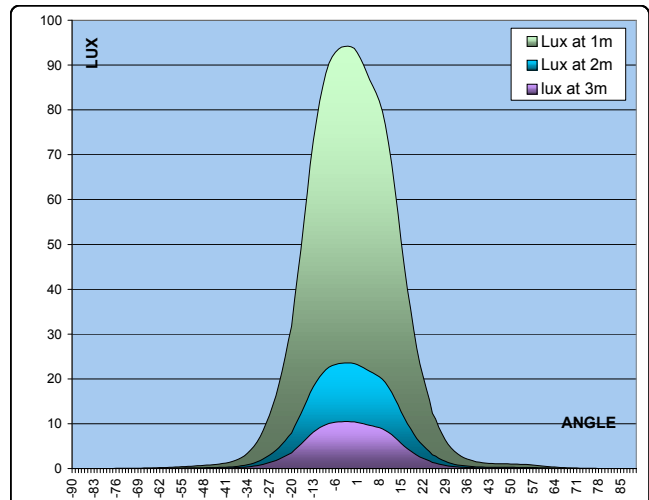


## ILLUMINANCE

LED FLUX: 25 Lumens at 350mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES

RANGE	1.0 m	2.0 m	3.0 m
ILLUMINANCE	94 Lux	23 Lux	10 Lux
MULTIPLICATOR RATE LED+LENS / LED ONLY	6.5 X		



# Mouser Electronics

Authorized Distributor

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[DBM Optix:](#)

[O-003s](#)