

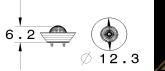
## **TECHNICAL DETAIL & LAB TEST REPORT**

#### **FEATURES AND PATTERN**

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

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		
<b> </b>			





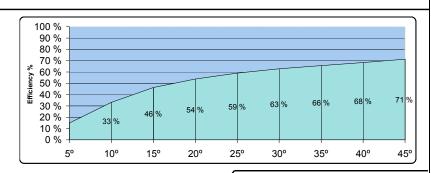


#### **OPTICAL EFFICIENCY**

Half Angle Divergence: 6 deg

HAD Efficiency: 35 %

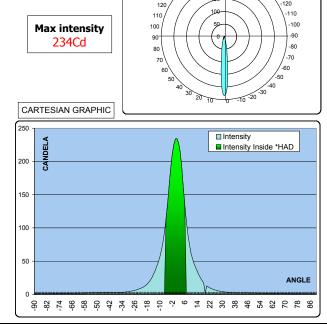
Collection Efficiency: 89 %



### **OUTPUT DISTRIBUTION**

POLAR GRAPHIC

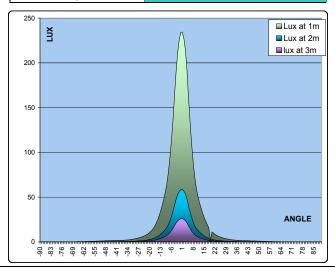
LED Flux: 35 Lumens at 350 mA



## ILLUMINANCE

LED Flux: 35 Lumens at 350 mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES				
RANGE	1.0 m	2.0 m	3.0 m	
ILLUMINANCE	234 Lux	58 Lux	26 Lux	
MULTIPLICATOR RATE LED+LENS / LED ONLY	20 X			



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