

## FEATURES AND PATTERN

[www.dbmlighting.com](http://www.dbmlighting.com)

### 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

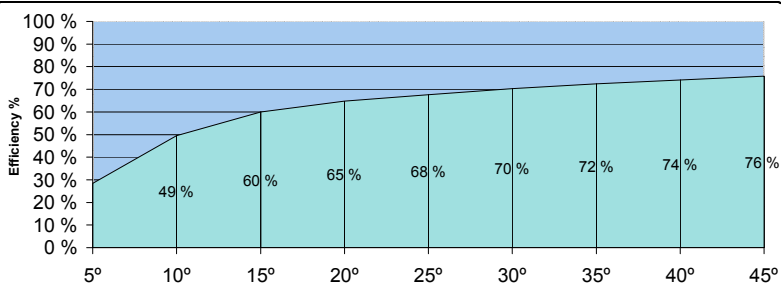


## OPTICAL EFFICIENCY

Half Angle Divergence: **6 deg**

HAD Efficiency: **35 %**

Collection Efficiency: **88 %**

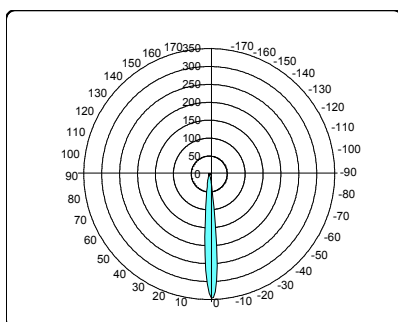


## OUTPUT DISTRIBUTION

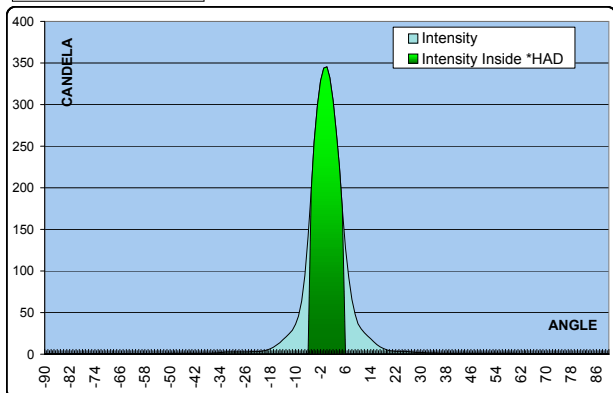
LED Flux: 25 Lumens at 350 mA

POLAR GRAPHIC

Max intensity  
**346Cd**



CARTESIAN GRAPHIC

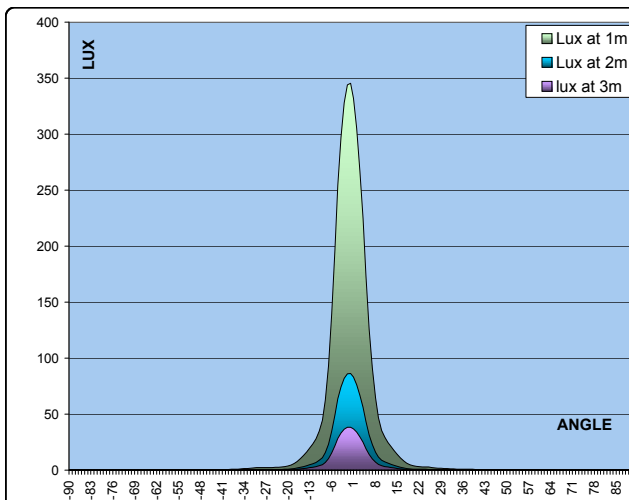


## ILLUMINANCE

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<br>LED+LENS / LED ONLY | 41 X    |        |        |



# Mouser Electronics

Authorized Distributor

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[O-002](#)