

FEATURES AND PATTERN

www.dbmlighting.com

0-006

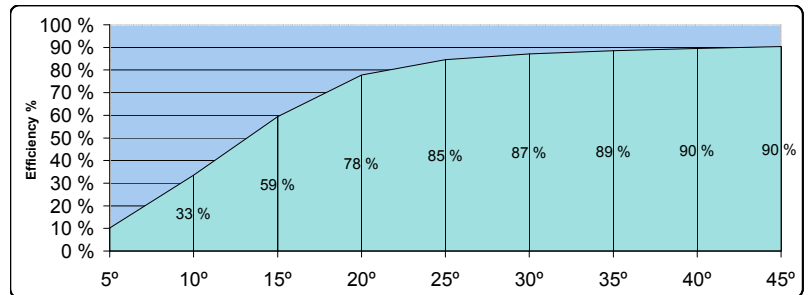
| | |
|-----------------------|------------------------|
| Lens Reference | dbm14.5A-18F-GDW AM-1 |
| Tested with LED | Osram Golden dragon AM |
| HAD* | 15 deg |
| Curve Type | PEAK |
| Lens Material | PMMA |
| Operating temperature | -40°C+90°C |

*HAD = Half Angle Divergence



OPTICAL EFFICIENCY

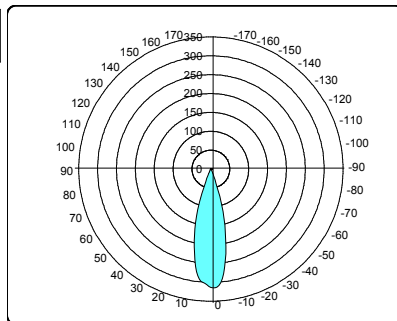
| | |
|------------------------|--------|
| Half Angle Divergence: | 15 deg |
| HAD Efficiency: | 62 % |
| Collection Efficiency: | 96 % |



OUTPUT DISTRIBUTION

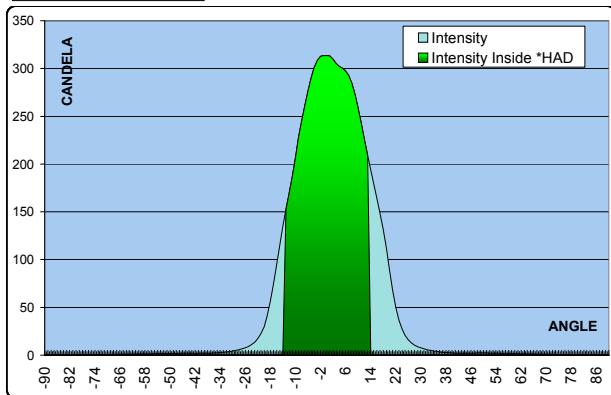
LED Flux: 85 Lumens 350mA

POLAR GRAPHIC



Max intensity
314Cd

CARTESIAN GRAPHIC



ILLUMINANCE

LED Flux: 85 Lumens 350mA

ILLUMINANCE VALUES AT VARIOUS DISTANCES

| RANGE | 1.0 m | 2.0 m | 3.0 m |
|-------------------------------------------|---------|--------|--------|
| ILLUMINANCE | 313 Lux | 78 Lux | 35 Lux |
| MULTIPLICATOR RATE LED+LENS / LED ONLY | 15 X | | |

