

TECHNICAL DETAIL & LAB TEST REPORT

FEATURES AND PATTERN

www.dbmlighting.com

ILLUMINANCE

13 mm SERIES - 6º 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		
1			





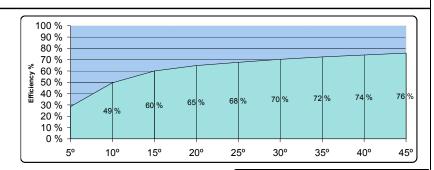


OPTICAL EFFICIENCY

Half Angle Divergence: 6 deg

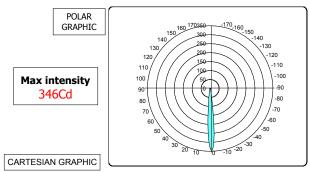
HAD Efficiency: 35 %

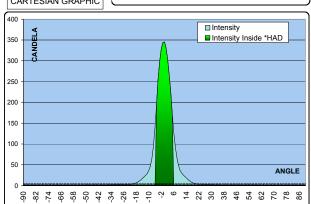
Collection Efficiency: 88 %



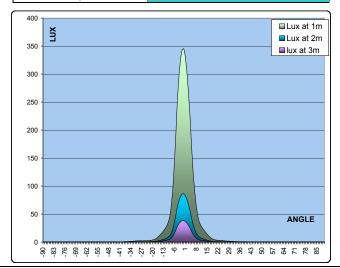
OUTPUT DISTRIBUTION

LED Flux: 25 Lumens at 350 mA 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			



All right reserved. No part of this file may be copied, reproduced in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without our prior permission. DBM REFLEX 2008/www.dbmlighting.com