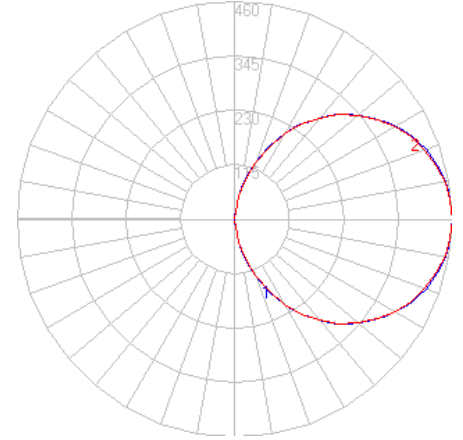


# BEGA

Photometric Filename: 33157.ies

TEST: 33157  
 TEST LAB: BEGA  
 DATE: 8/27/2015  
 LUMINAIRE: 33 157  
 LAMP: 16.4W LED

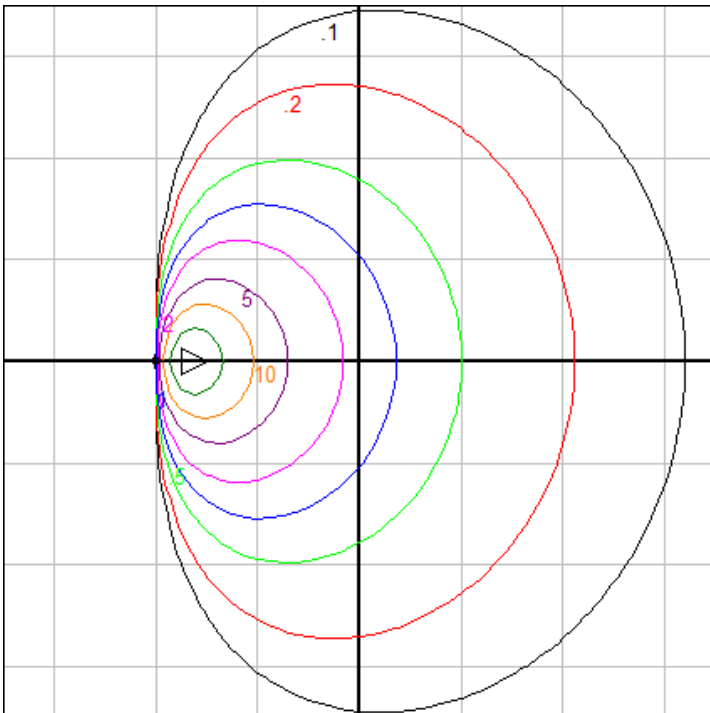


**Characteristics**

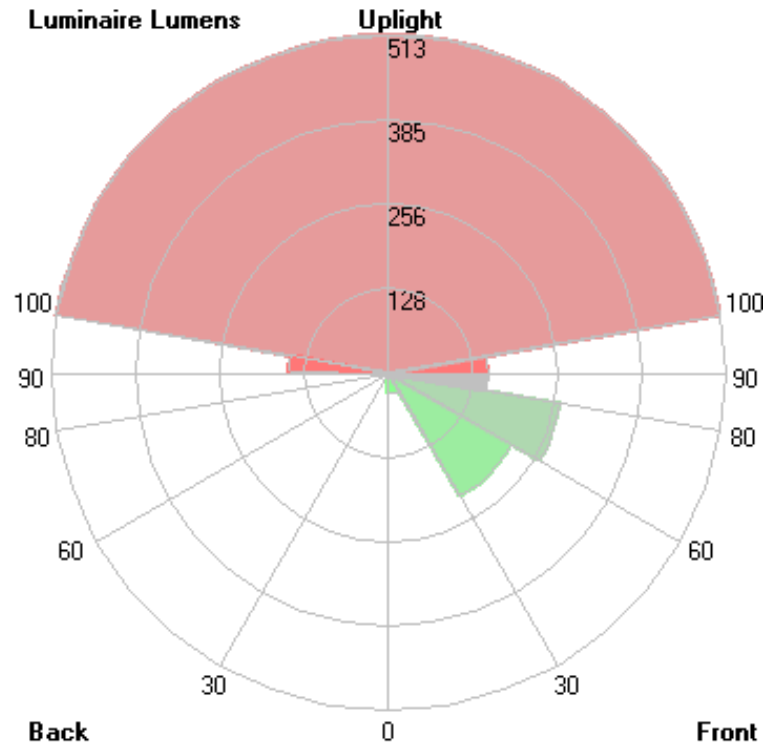
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1329
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	66
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	460.3 (0H, 90V)
Max. Cd. (<90 Vert.)	459.8 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	460.3 (34.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	459.8 (34.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

**Lum. Classification System (LCS)**

<u>LCS Zone</u>	<u>Lumens</u>	<u>%Lamp</u>	<u>%Lum</u>
FL (0-30)	30.7	N.A.	2.3
FM (30-60)	217.0	N.A.	16.3
FH (60-80)	265.2	N.A.	20.0
FVH(80-90)	151.3	N.A.	11.4
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	< 0.05	N.A.	0.0
BH (60-80)	< 0.05	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	151.3	N.A.	11.4
UH (100-180)	513.0	N.A.	38.6
<b>Total</b>	<b>1328.5</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B0-U4-G2</b>		



Mounting Height = 2 ft. Grid Spacing = 4 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.