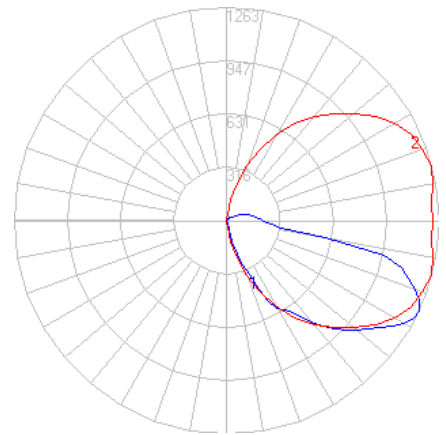


BEGA

Photometric Filename: 33098.ies

TEST: BE_33098
TEST LAB: BEGA
DATE: 9/1/2015
LUMINAIRE: 33 098
LAMP: 20.5W LED



Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1852
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	25
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Max. Cd.	1262.6 (15H, 65V)
Max. Cd. (<90 Vert.)	1262.6 (15H, 65V)
Max. Cd. (At 90 Deg. Vert.)	248.3 (13.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	653.3 (35.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	75.9	N.A.	4.1
FM (30-60)	692.5	N.A.	37.4
FH (60-80)	739.9	N.A.	40.0
FVH(80-90)	139.8	N.A.	7.5
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)	86.7	N.A.	4.7
UH (100-180)	117.0	N.A.	6.3
Total	1851.8	N.A.	100.0
BUG Rating B0-U3-G2			

