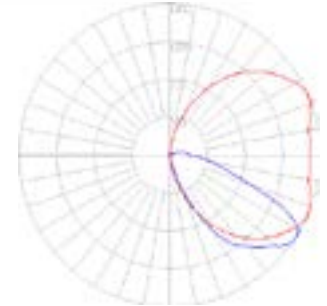


BEGA

Photometric Filename: 99560K3.ies

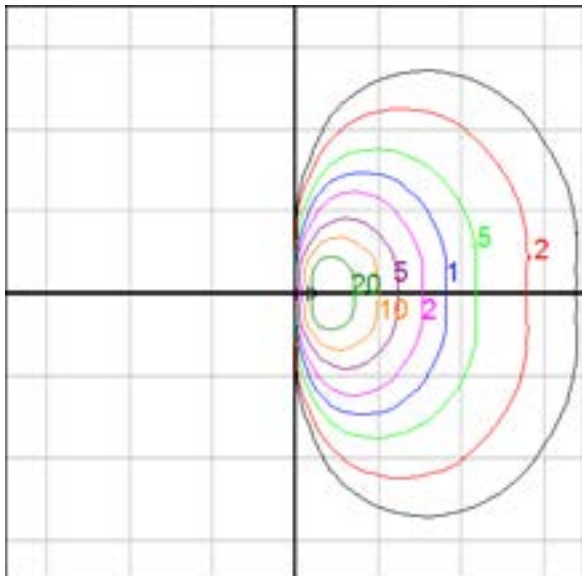
TEST: BE_99560
TEST LAB: BEGA
DATE: 11/3/2016
LUMINAIRE: 99560
LAMP: 17.9W LED

All results in accordance with IESNA LM-79-08



Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1907
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	22
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Max. Cd.	1452.1 (335H, 57.5V)
Max. Cd. (<90 Vert.)	1452.1 (335H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	216.8 (11.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	416.5 (21.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

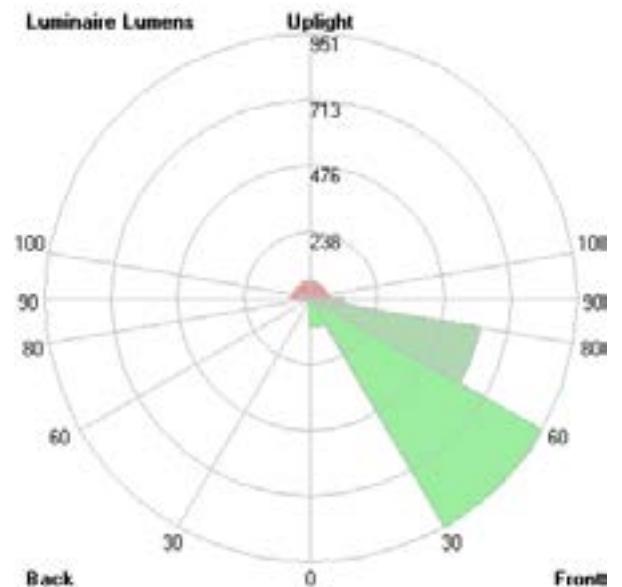


Mounting Height = 4 ft. Grid Spacing = 7 ft.

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	105.4	N.A.	5.5
FM (30-60)	951.1	N.A.	49.9
FH (60-80)	610.7	N.A.	32.0
FVH(80-90)	117.2	N.A.	6.1
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	0.1	N.A.	0.0
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	64.5	N.A.	3.4
UH (100-180)	57.8	N.A.	3.0
Total	1906.9	N.A.	100.0

BUG Rating B0-U3-G2



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

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10/29/2018