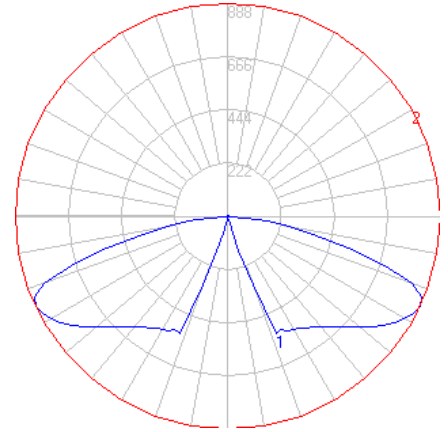


BEGA

Photometric Filename: 77164.IES

TEST: BE_77164
TEST LAB: BEGA
DATE: 11/3/2015
LUMINAIRE: 77 164
LAMP: 31W LED



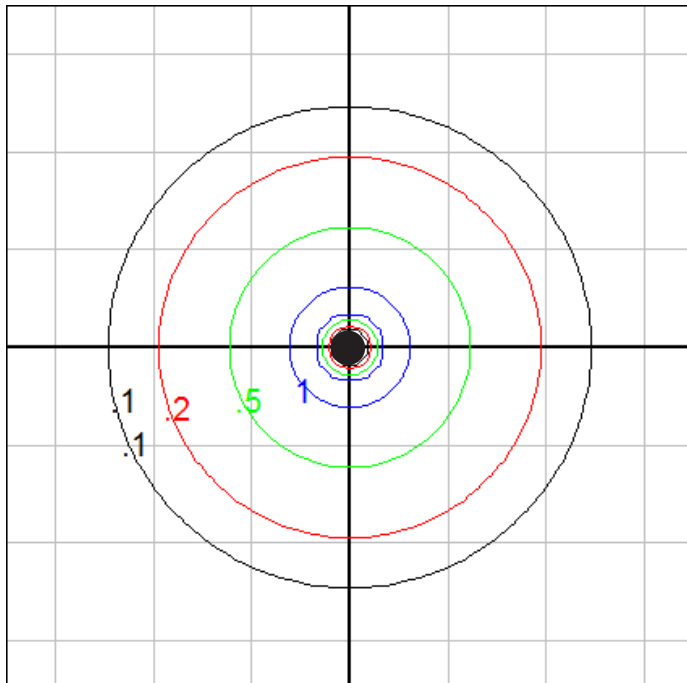
Characteristics

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3370
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	36
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	887.6 (0H, 65V)
Max. Cd. (<90 Vert.)	887.6 (0H, 65V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	254.9 (7.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

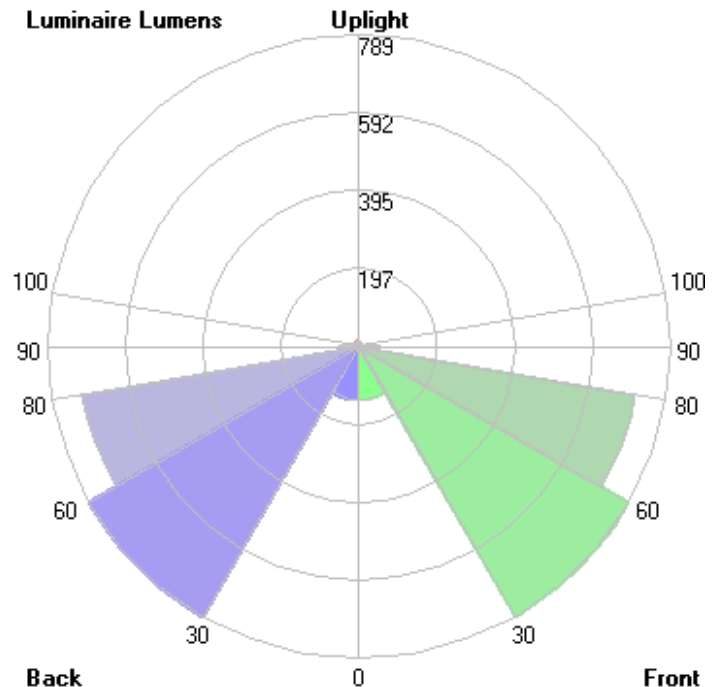
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	135.2	N.A.	4.0
FM (30-60)	789.5	N.A.	23.4
FH (60-80)	708.9	N.A.	21.0
FVH (80-90)	51.4	N.A.	1.5
BL (0-30)	135.2	N.A.	4.0
BM (30-60)	789.5	N.A.	23.4
BH (60-80)	708.9	N.A.	21.0
BVH (80-90)	51.4	N.A.	1.5
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3370.0	N.A.	100.0

BUG Rating B2-U0-G1



Mounting Height = 17 ft. 8 in. (Pole - 1708HR)
Grid Spacing = 20 ft.



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

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6/11/2018