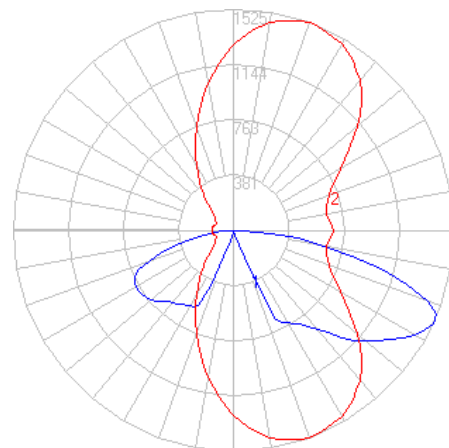


BEGA

Photometric Filename: 77165.IES

TEST: BE_77165
TEST LAB: BEGA
DATE: 03/11/2015
LUMINAIRE: 77 165
LAMP: 31W LED



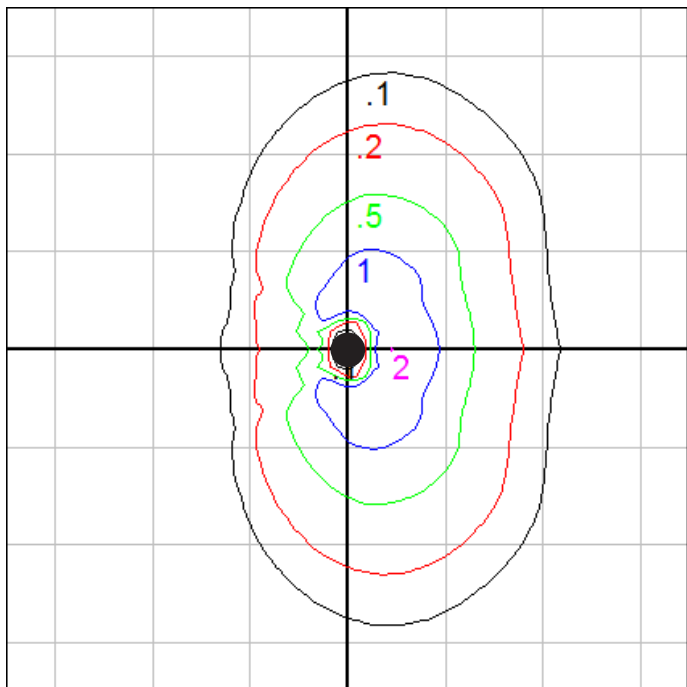
Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3326
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	36
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1525.4 (290H, 65V)
Max. Cd. (<90 Vert.)	1525.4 (290H, 65V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	672.3 (20.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

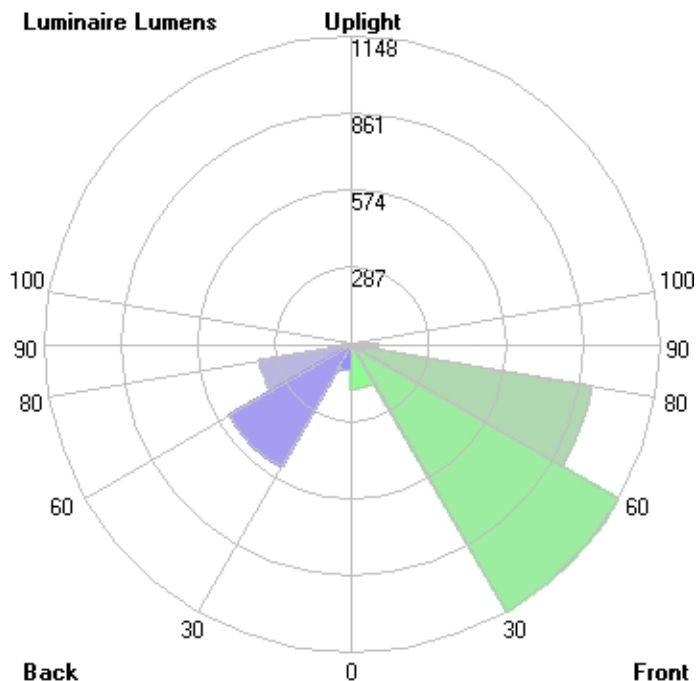
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	165.7	N.A.	5.0
FM (30-60)	1148.5	N.A.	34.5
FH (60-80)	905.5	N.A.	27.2
FVH (80-90)	94.7	N.A.	2.8
BL (0-30)	99.1	N.A.	3.0
BM (30-60)	526.1	N.A.	15.8
BH (60-80)	348.5	N.A.	10.5
BVH (80-90)	37.8	N.A.	1.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3325.9	N.A.	100.0

BUG Rating B1-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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8/16/2018