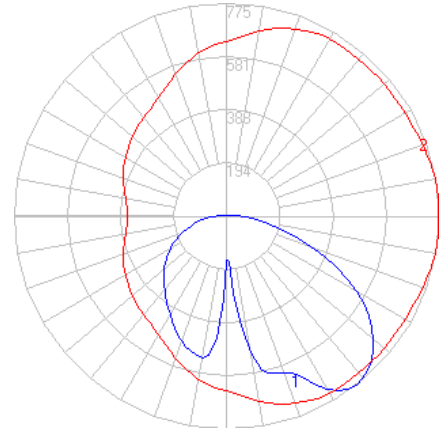


BEGA

Photometric Filename: 77151.ies

TEST: BE_77151
TEST LAB: BEGA
DATE: 6/26/2017
LUMINAIRE: 77 151
LAMP: 24W LED



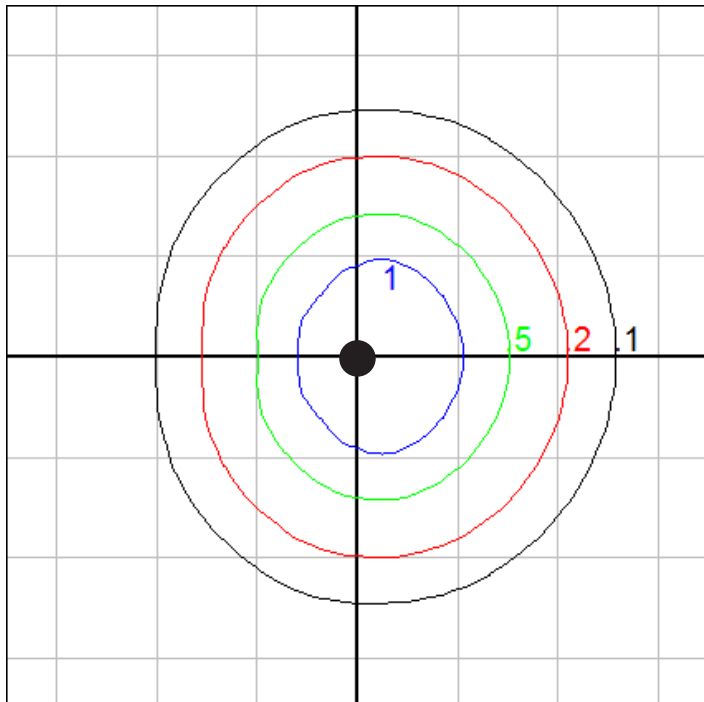
Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2390
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	28
Ballast Factor	1.00
Upward Waste Light Ratio	0.03
Max. Cd.	775 (355H, 37.5V)
Max. Cd. (<90 Vert.)	775 (355H, 37.5V)
Max. Cd. (At 90 Deg. Vert.)	65.8 (2.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	140.3 (5.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

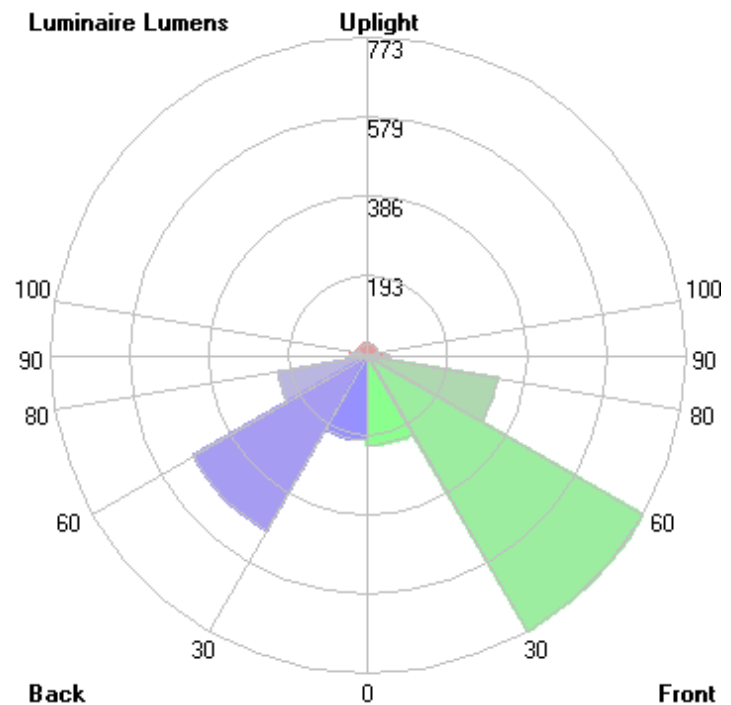
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	218.7	N.A.	9.2
FM (30-60)	772.6	N.A.	32.3
FH (60-80)	319.7	N.A.	13.4
FVH (80-90)	51.6	N.A.	2.2
BL (0-30)	206.0	N.A.	8.6
BM (30-60)	489.9	N.A.	20.5
BH (60-80)	223.2	N.A.	9.3
BVH (80-90)	42.8	N.A.	1.8
UL (90-100)	38.7	N.A.	1.6
UH (100-180)	26.4	N.A.	1.1
Total	2389.6	N.A.	100.0

BUG Rating B1-U2-G1



Mounting Height = 17 ft. 8 in. (Pole - 1708HR)
Grid Spacing = 15 ft.



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

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4/18/2018