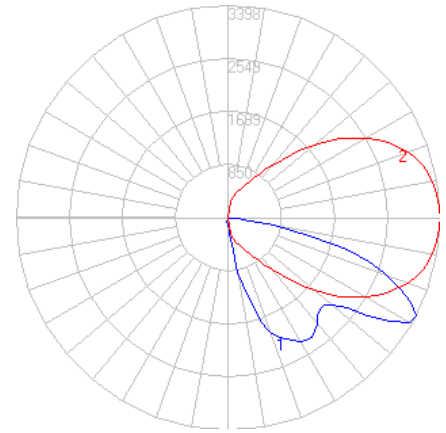


BEGA

Photometric Filename: 99515.IES

TEST: BE_99515
TEST LAB: BEGA
DATE: 5/11/2015
LUMINAIRE: 99 515
LAMP: 33.6W LED



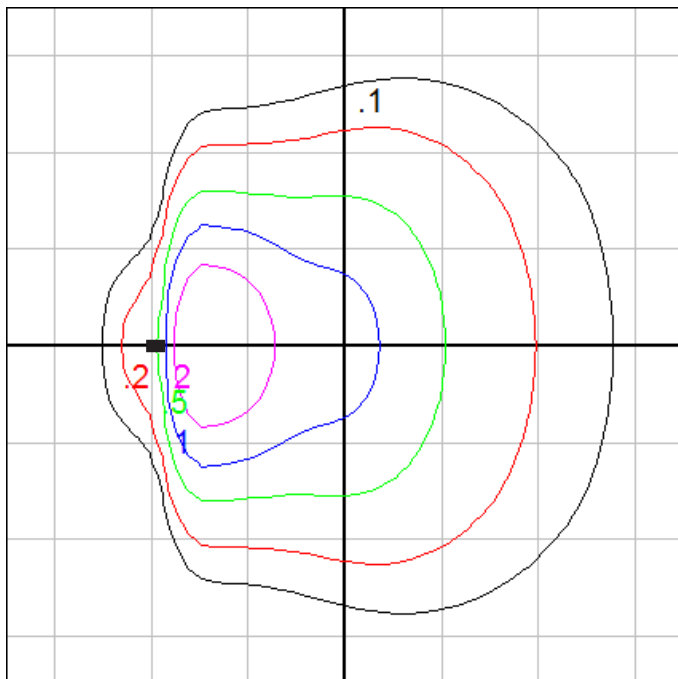
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3559
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	3398.1 (360H, 62.5V)
Max. Cd. (<90 Vert.)	3398.1 (360H, 62.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	742.3 (20.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

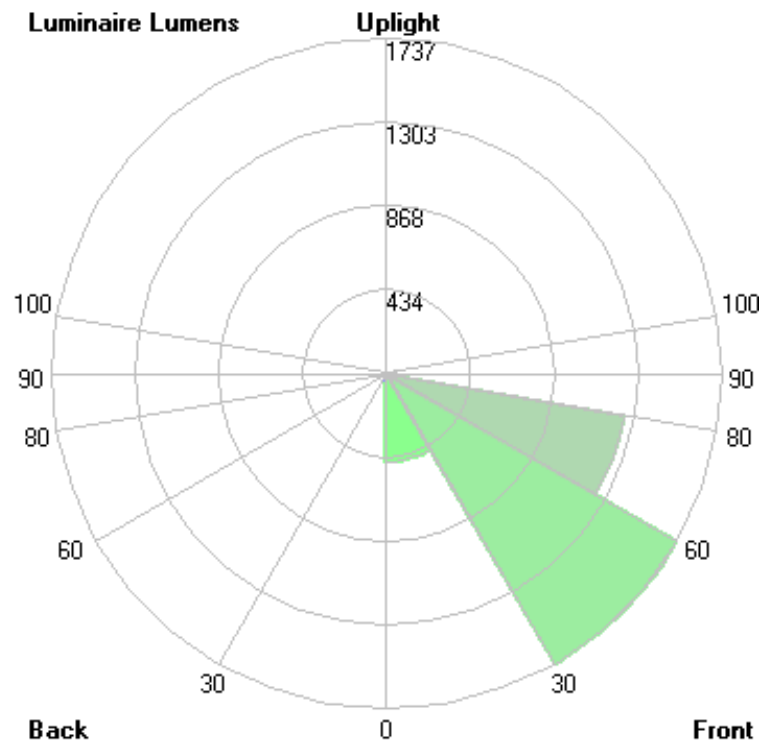
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	457.5	N.A.	12.9
FM (30-60)	1736.9	N.A.	48.8
FH (60-80)	1247.5	N.A.	35.1
FVH (80-90)	55.9	N.A.	1.6
BL (0-30)	33.3	N.A.	0.9
BM (30-60)	21.4	N.A.	0.6
BH (60-80)	5.6	N.A.	0.2
BVH (80-90)	1.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3559.1	N.A.	100.0

BUG Rating B0-U0-G1



Mounting Height = 20 ft.
Grid Spacing = 15 ft.
(Pole 920HR)



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

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3/22/2018