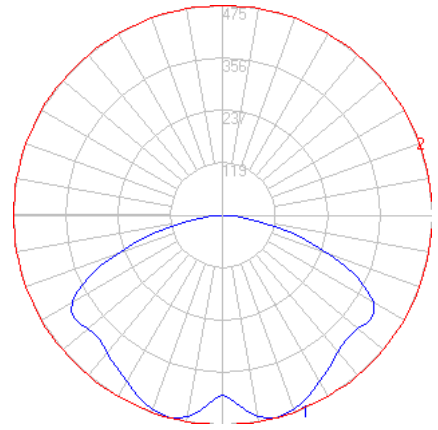


BEGA

Photometric Filename: 99401.ies

TEST: BE_99401
TEST LAB: BEGA
DATE: 3/16/2017
LUMINAIRE: 99 401
LAMP: 16W LED



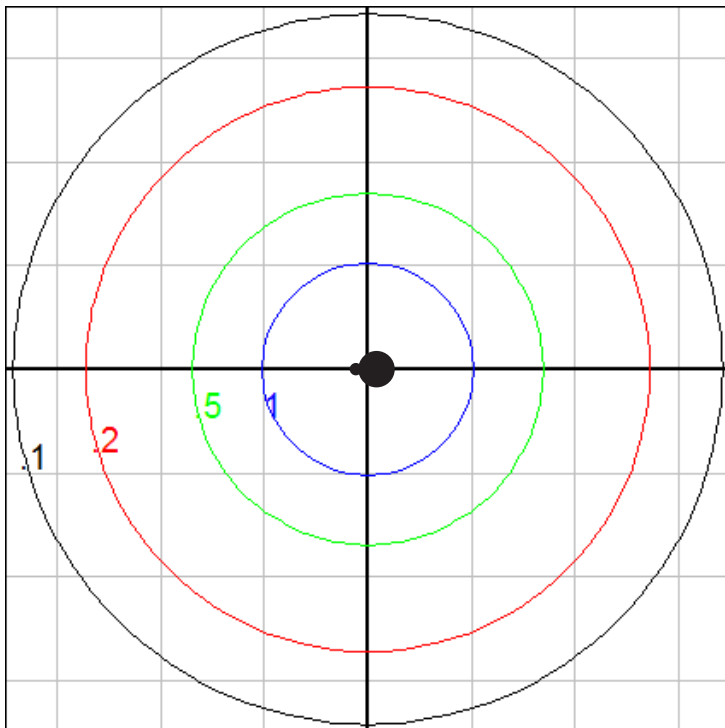
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1868
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	474.5 (360H, 15V)
Max. Cd. (<90 Vert.)	474.5 (360H, 15V)
Max. Cd. (At 90 Deg. Vert.)	.9 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	89.2 (4.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

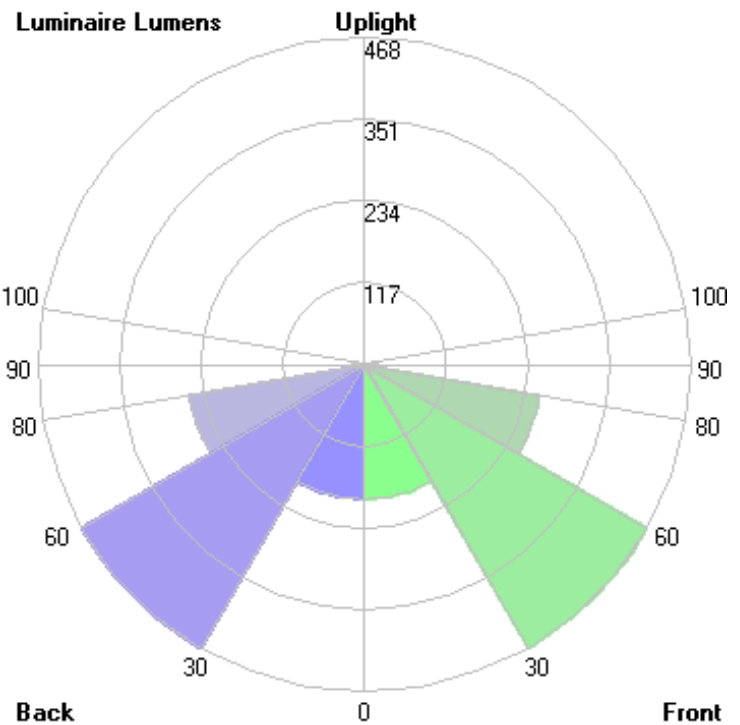
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	192.7	N.A.	10.3
FM (30-60)	468.1	N.A.	25.1
FH (60-80)	254.9	N.A.	13.6
FVH (80-90)	18.2	N.A.	1.0
BL (0-30)	192.7	N.A.	10.3
BM (30-60)	468.1	N.A.	25.1
BH (60-80)	254.9	N.A.	13.6
BVH (80-90)	18.2	N.A.	1.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1867.9	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height = 16 ft.
Grid Spacing = 10 ft.

(Pole - 916HR)



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

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5/18/2018