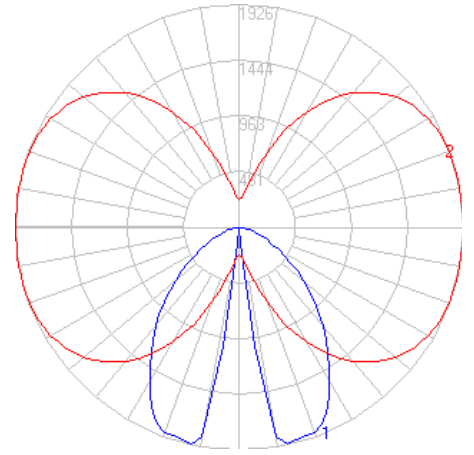


BEGA

Photometric Filename: 99075.IES

TEST: BE_99075
TEST LAB: BEGA
DATE: 11/27/13
LUMINAIRE: 99075
LAMP: 50.6W LED



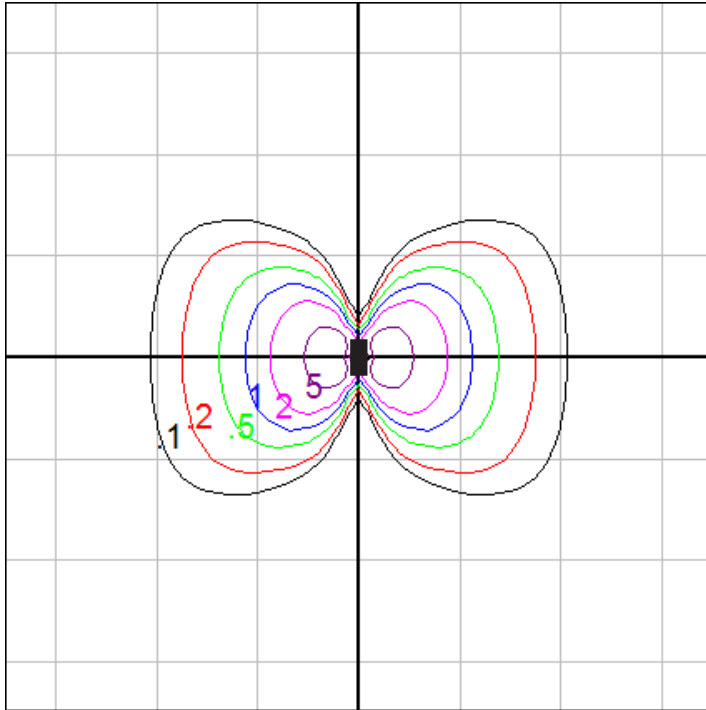
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2370
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	42
Total Luminaire Watts	57
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1925.9 (85H, 12.5V)
Max. Cd. (<90 Vert.)	1925.9 (85H, 12.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	66.7 (2.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)
R9 Value	N.A.

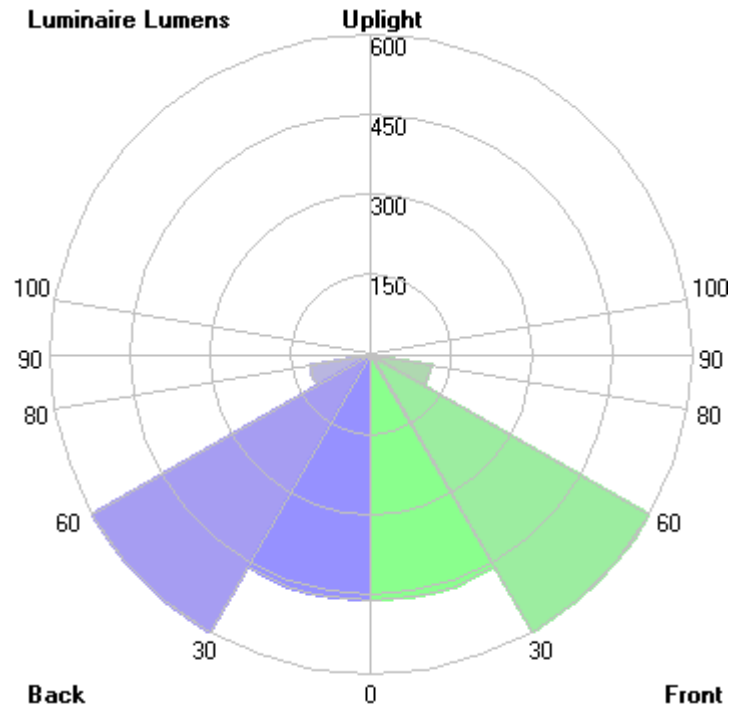
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	461.3	N.A.	19.5
FM (30-60)	600.3	N.A.	25.3
FH (60-80)	114.9	N.A.	4.8
FVH (80-90)	8.6	N.A.	0.4
BL (0-30)	461.3	N.A.	19.5
BM (30-60)	600.3	N.A.	25.3
BH (60-80)	114.9	N.A.	4.8
BVH (80-90)	8.6	N.A.	0.4
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2370.2	N.A.	100.0

BUG Rating B1-U0-G1



Grid Spacing = 15 ft.



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

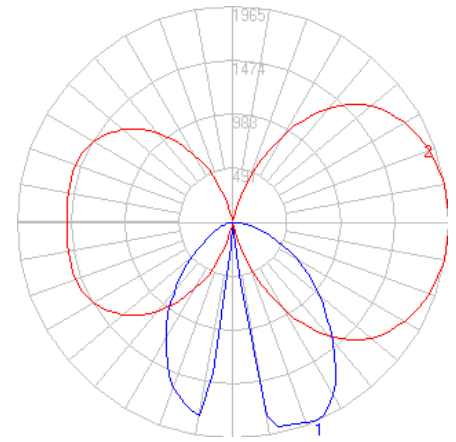
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BEGA

Photometric Filename: 99075_15DEG.IES

TEST: BE_99075_15DEG
 TEST LAB: BEGA
 DATE: 11/27/13
 LUMINAIRE: 99075 with 15° Optic Tilt
 LAMP: 50.6W LED



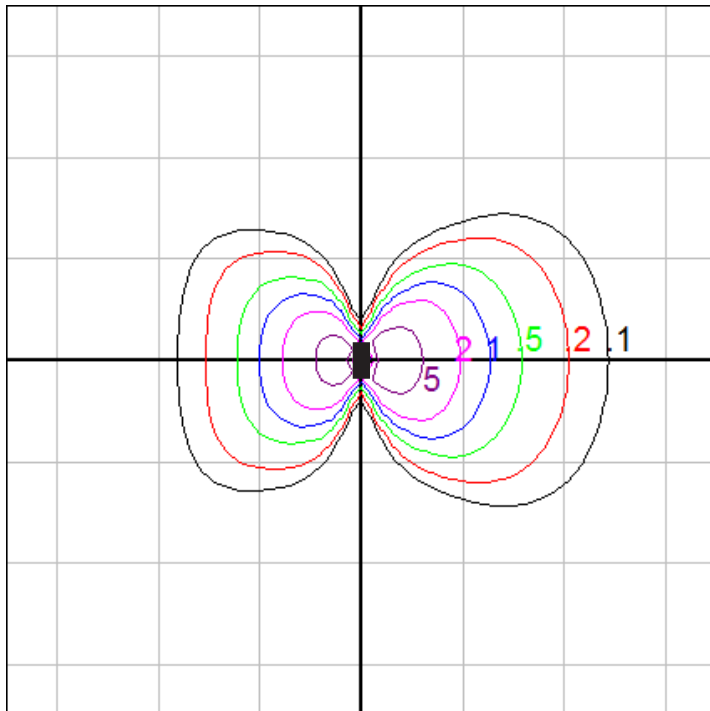
Characteristics

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2379
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	42
Total Luminaire Watts	57
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1965.4 (355H, 22.5V)
Max. Cd. (<90 Vert.)	1965.4 (355H, 22.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	117.1 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

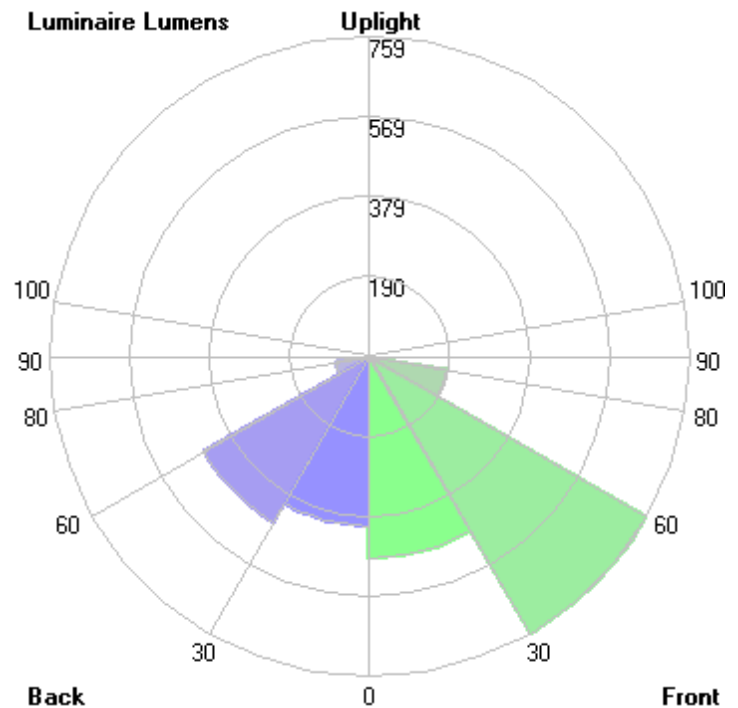
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	478.6	N.A.	20.1
FM (30-60)	758.7	N.A.	31.9
FH (60-80)	186.4	N.A.	7.8
FVH (80-90)	13.9	N.A.	0.6
BL (0-30)	401.9	N.A.	16.9
BM (30-60)	452.9	N.A.	19.0
BH (60-80)	79.7	N.A.	3.3
BVH (80-90)	7.1	N.A.	0.3
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2379.2	N.A.	100.0

BUG Rating B1-U0-G1



Grid Spacing = 15 ft.



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

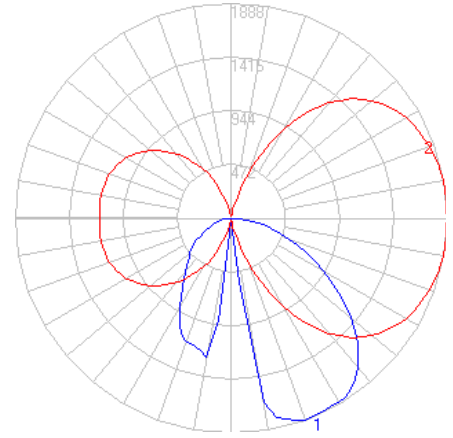
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BEGA

Photometric Filename: 99075_30DEG.IES

TEST: BE_99075_30DEG
 TEST LAB: BEGA
 DATE: 11/27/13
 LUMINAIRE: 99075 with 30° Optic Tilt
 LAMP: 50.6W LED



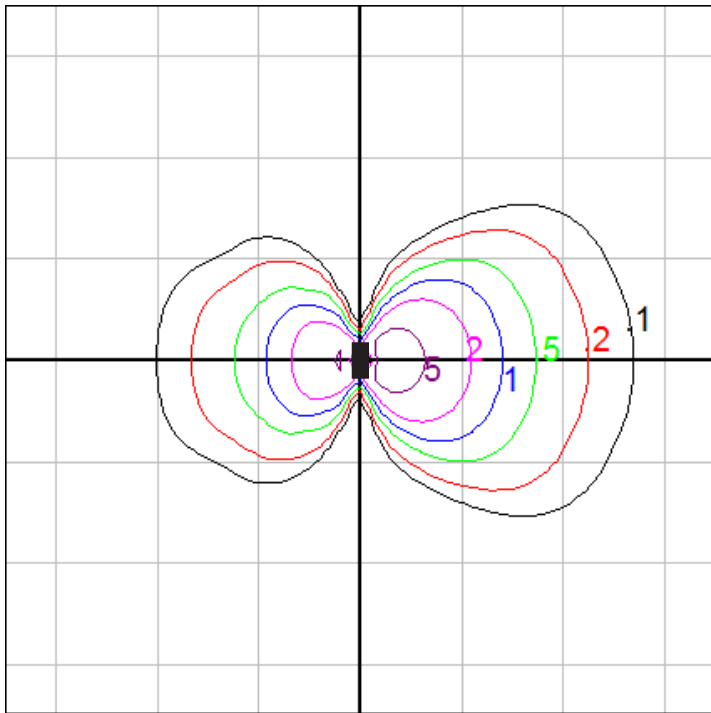
Characteristics

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2338
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	41
Total Luminaire Watts	57
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1887.9 (360H, 20V)
Max. Cd. (<90 Vert.)	1887.9 (360H, 20V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	197.2 (8.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

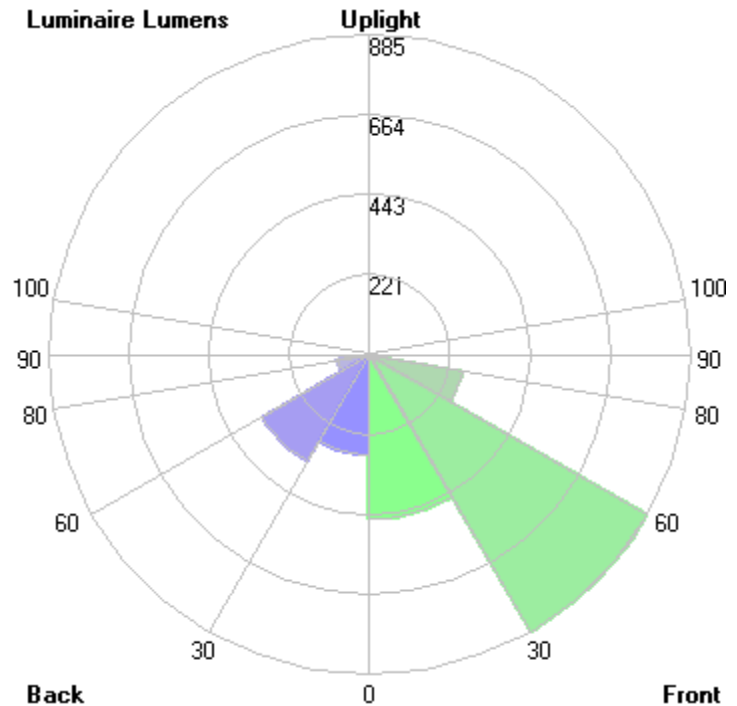
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	455.6	N.A.	19.5
FM (30-60)	885.2	N.A.	37.9
FH (60-80)	258.8	N.A.	11.1
FVH (80-90)	20.1	N.A.	0.9
BL (0-30)	278.4	N.A.	11.9
BM (30-60)	342.4	N.A.	14.6
BH (60-80)	88.6	N.A.	3.8
BVH (80-90)	8.3	N.A.	0.4
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2337.4	N.A.	100.0

BUG Rating B1-U0-G1



Grid Spacing = 15 ft.



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