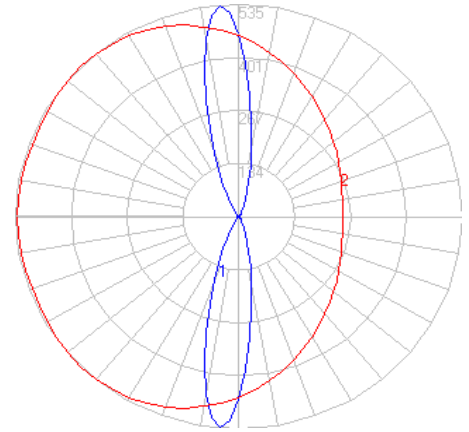


BEGA

File: 24087K4_BEGA_IES.ies

TEST: BE_24087K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24087K4
LAMP: 10.0W LED



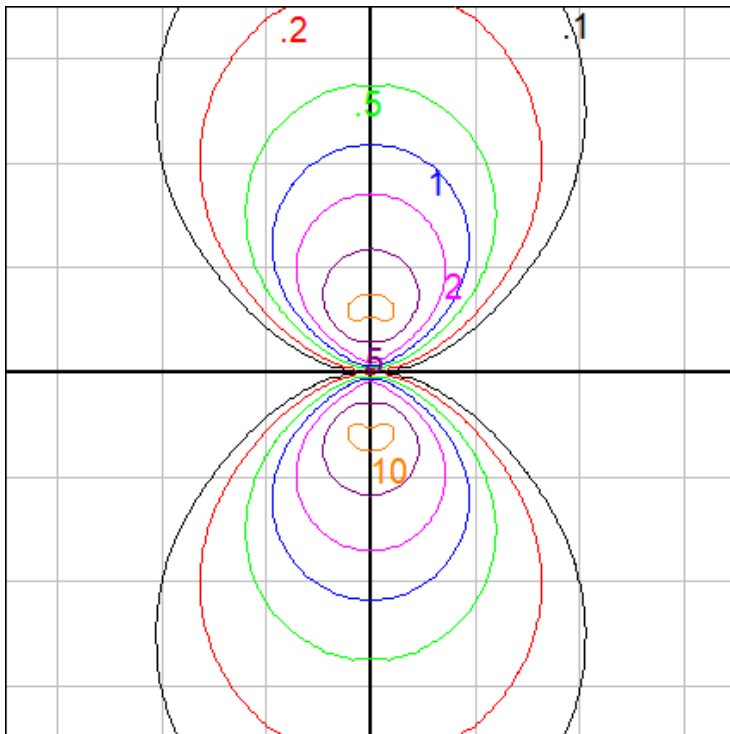
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	437
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	36
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

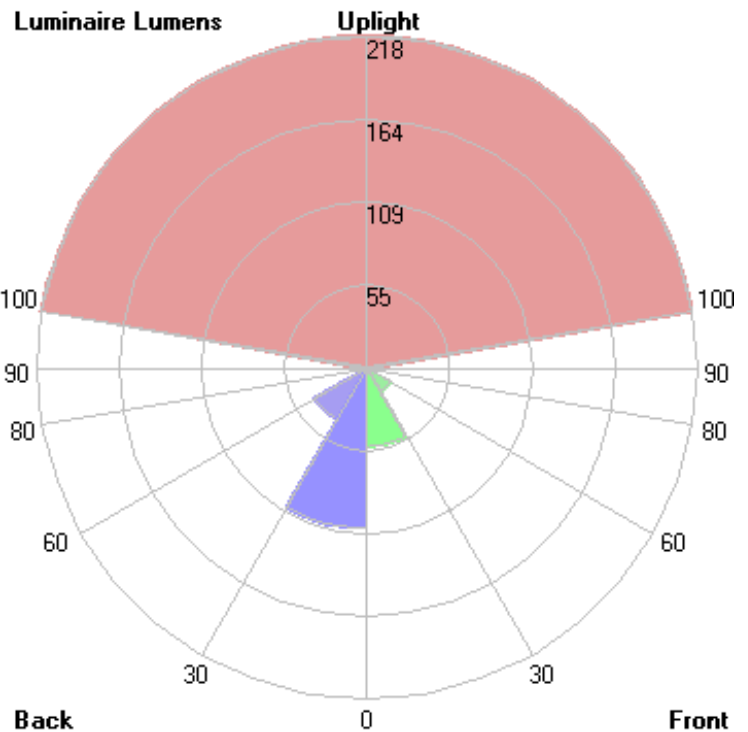
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	51.8	N.A.	11.9
FM (30-60)	17.5	N.A.	4.0
FH (60-80)	1.3	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	105.8	N.A.	24.2
BM (30-60)	39.8	N.A.	9.1
BH (60-80)	1.9	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	218.1	N.A.	50.0
Total	436.6	N.A.	100.0

BUG Rating B0-U3-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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

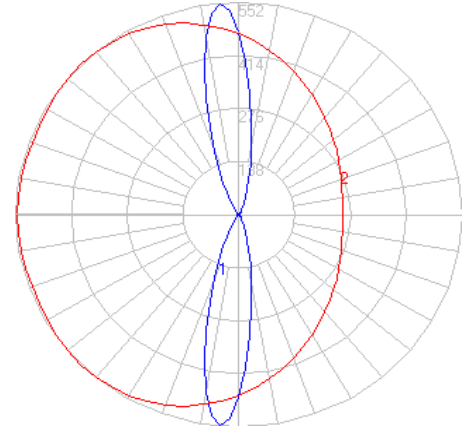
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BEGA

File: 24087K35_BEGA_IES.ies

TEST: BE_24087K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24087K35
LAMP: 10.0W LED



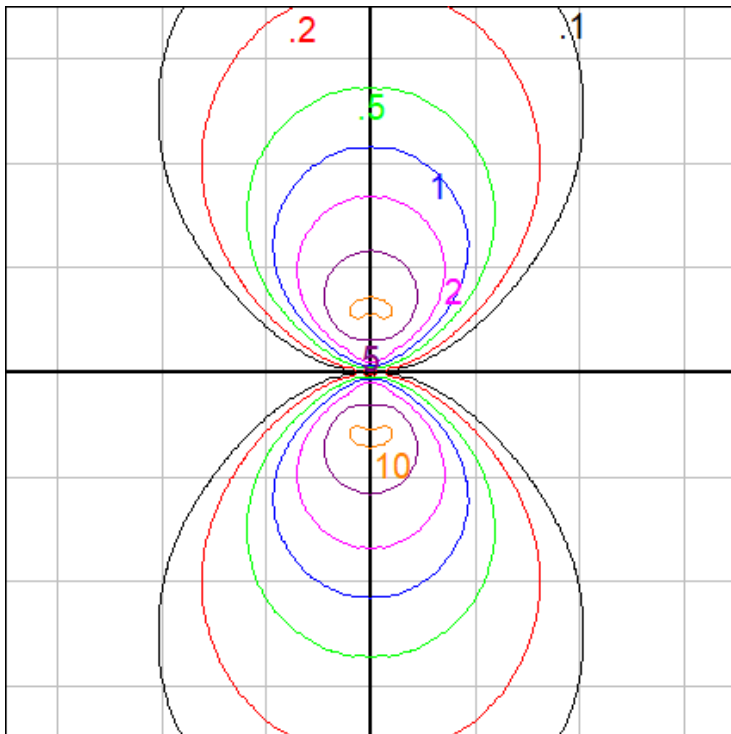
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	423
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	35
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

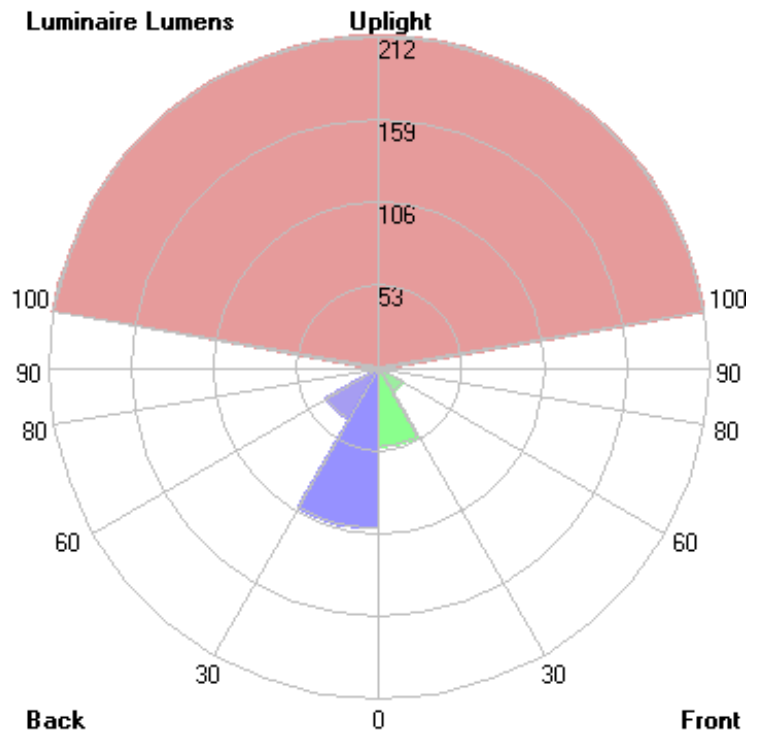
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	50.2	N.A.	11.9
FM (30-60)	17.0	N.A.	4.0
FH (60-80)	1.2	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	102.7	N.A.	24.2
BM (30-60)	38.6	N.A.	9.1
BH (60-80)	1.9	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	211.6	N.A.	49.9
Total	423.6	N.A.	100.0

BUG Rating B0-U3-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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

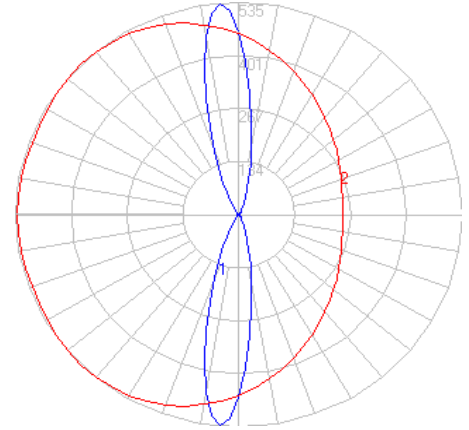
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BEGA

File: 24087K3_BEGA_IES.ies

TEST: BE_24087K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24087K3
LAMP: 10.0W LED



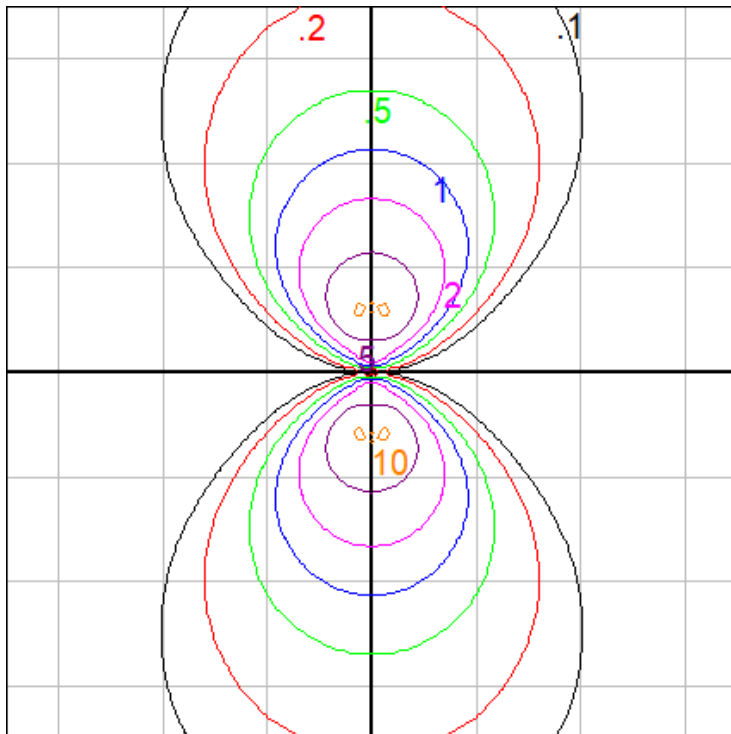
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	410
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	34
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

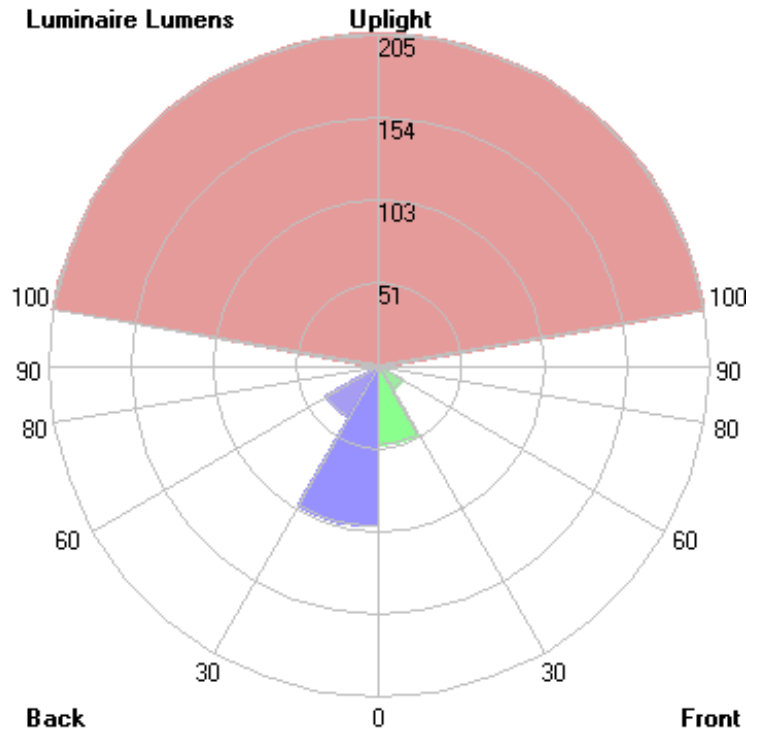
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	48.7	N.A.	11.9
FM (30-60)	16.5	N.A.	4.0
FH (60-80)	1.2	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	99.5	N.A.	24.2
BM (30-60)	37.4	N.A.	9.1
BH (60-80)	1.8	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	205.0	N.A.	49.9
Total	410.5	N.A.	100.0

BUG Rating B0-U3-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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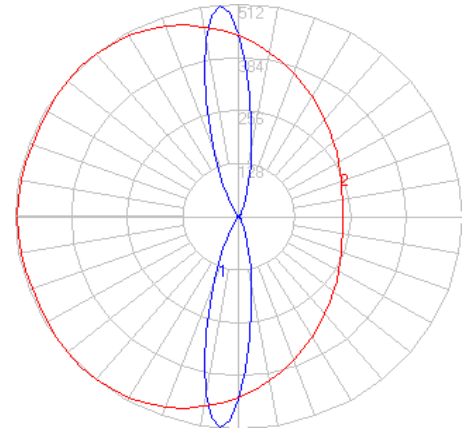
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BEGA

File: 24087K27_BEGA_IES.ies

TEST: BE_24087K4
TEST LAB: BEGA
DATE: 07/23/2018
LUMINAIRE: 24087K27
LAMP: 10.0W LED



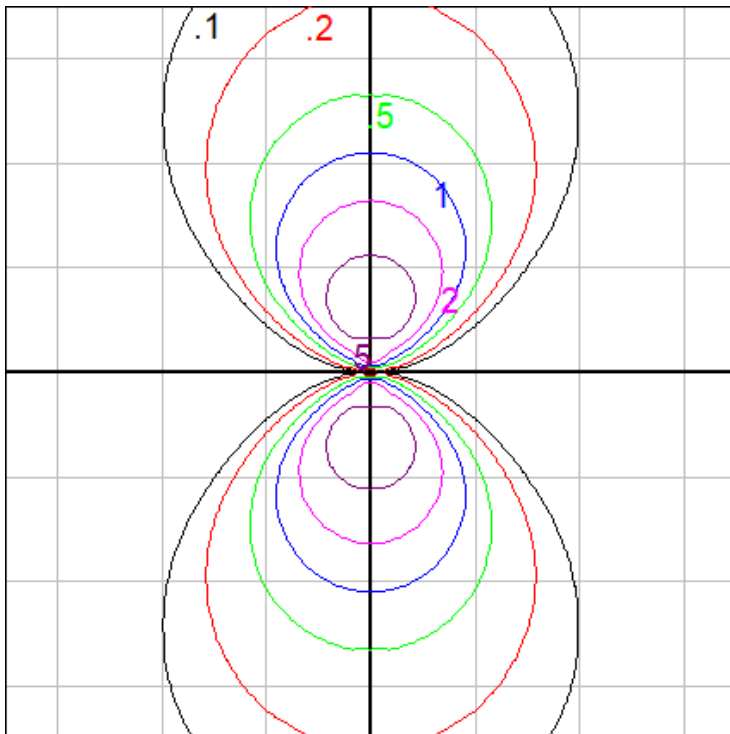
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	393
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	33
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.12 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.00 ft

Lum. Classification System (LCS)

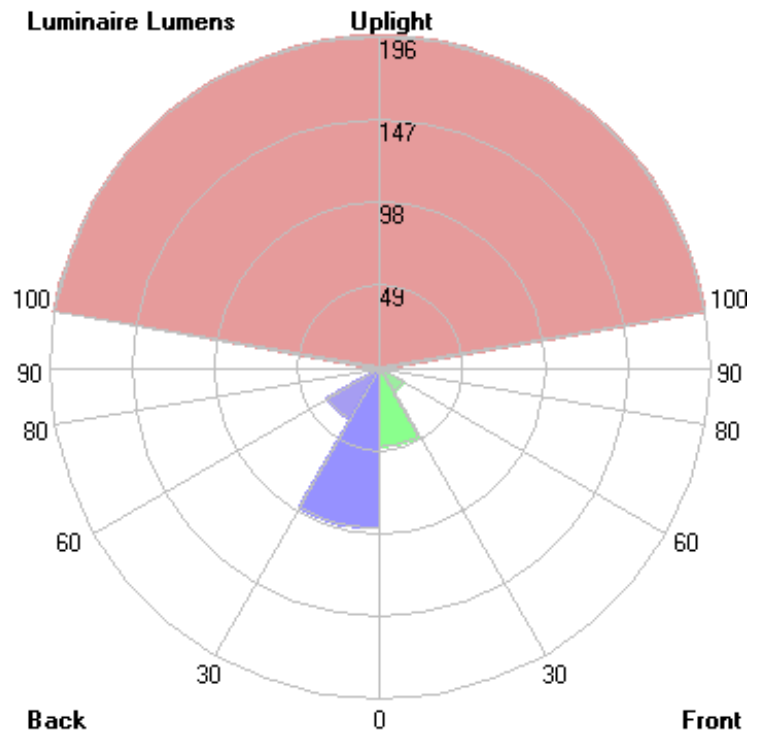
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	46.6	N.A.	11.9
FM (30-60)	15.8	N.A.	4.0
FH (60-80)	1.2	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	95.2	N.A.	24.2
BM (30-60)	35.8	N.A.	9.1
BH (60-80)	1.7	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.2	N.A.	0.0
UH (100-180)	196.3	N.A.	49.9
Total	393.0	N.A.	100.0

BUG Rating **B0-U3-G0**



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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