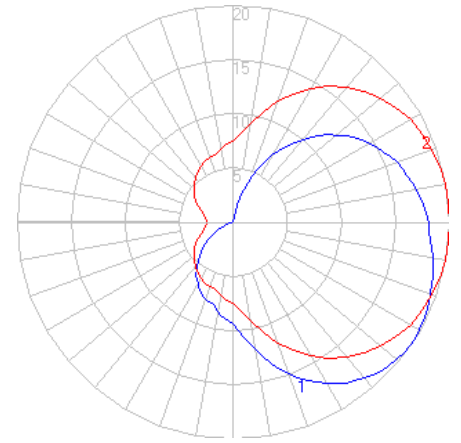


BEGA

File: 24036K4.ies

TEST: BE_24036K4
TEST LAB: BEGA
DATE: 07/07/2017
LUMINAIRE: 24 036K4
LAMP: 0.9W LED

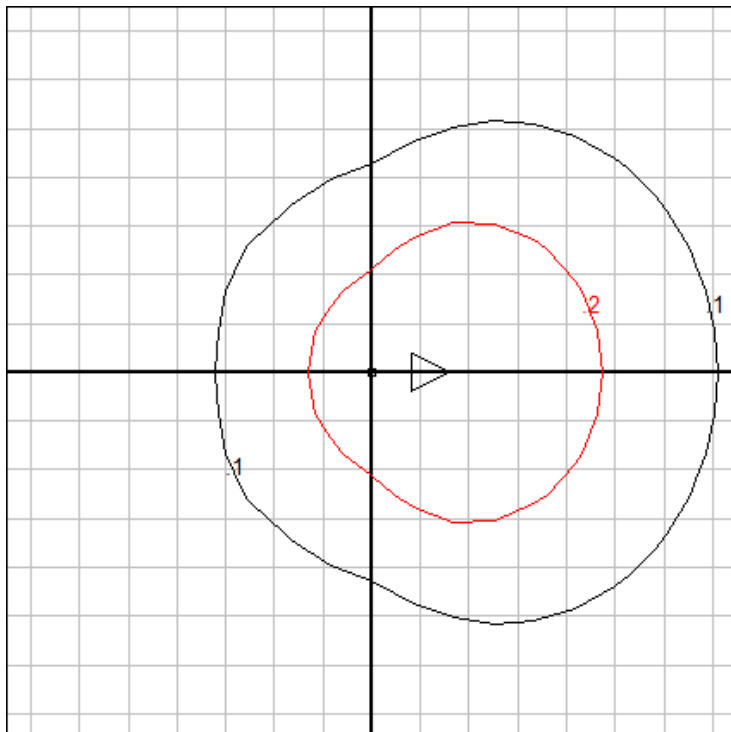


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	93
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	31
Total Luminaire Watts	3
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	2.56
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.92
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	0.25 ft (Diameter)
Luminous Height	0.25 ft

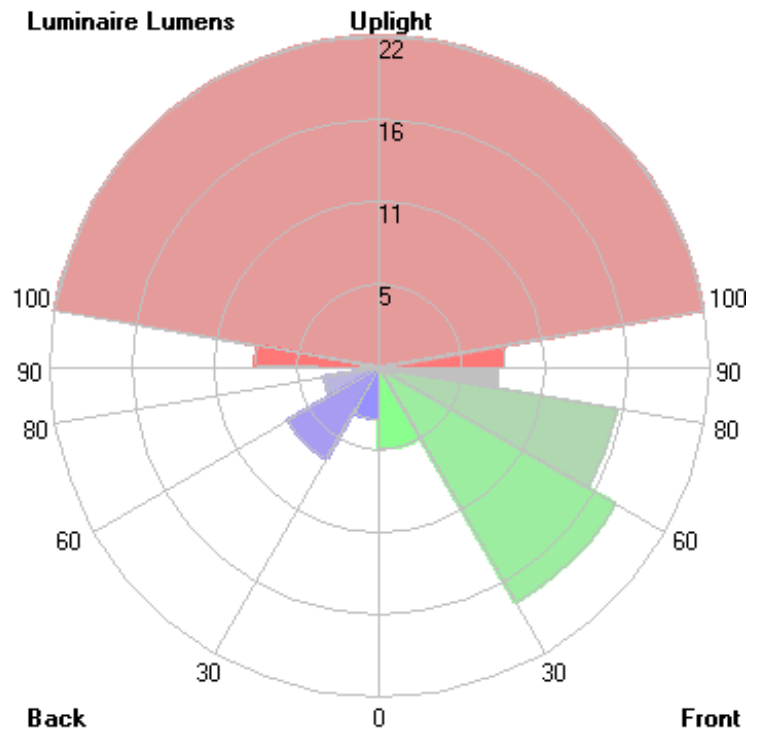
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	5.4	N.A.	5.8
FM (30-60)	18.1	N.A.	19.4
FH (60-80)	16.0	N.A.	17.1
FVH (80-90)	7.9	N.A.	8.5
BL (0-30)	3.5	N.A.	3.7
BM (30-60)	7.0	N.A.	7.6
BH (60-80)	3.7	N.A.	4.0
BVH (80-90)	1.3	N.A.	1.4
UL (90-100)	8.3	N.A.	8.9
UH (100-180)	21.9	N.A.	23.5
Total	93.1	N.A.	100.0
BUG Rating	B0-U2-G0		



Mounting Height: 6 ft.

Grid Spacing: 1.25 ft.



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

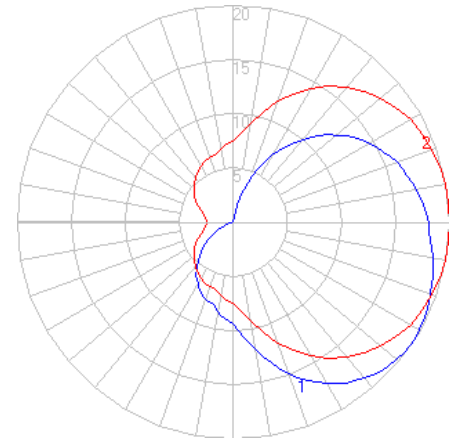
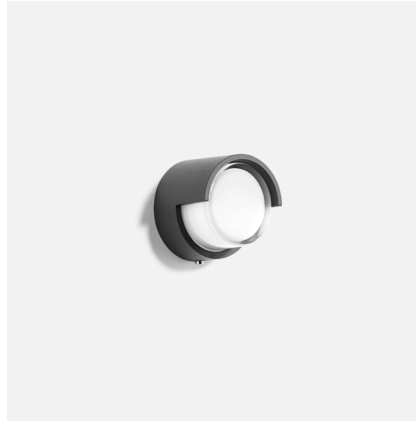
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File: 24036K35.ies

TEST: BE_24036K4
TEST LAB: BEGA
DATE: 07/07/2017
LUMINAIRE: 24 036K35
LAMP: 0.9W LED

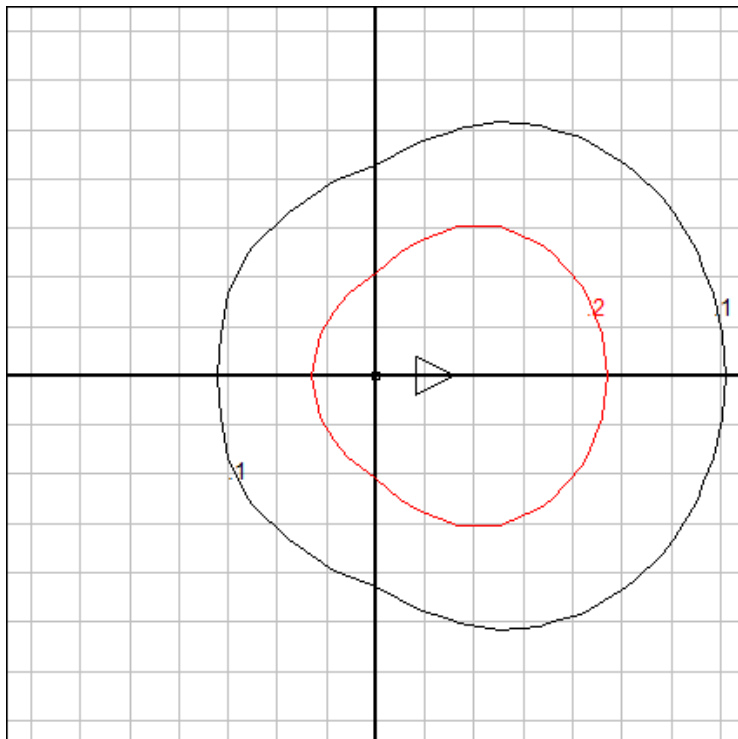


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	93
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	31
Total Luminaire Watts	3
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	2.56
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.92
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	0.25 ft (Diameter)
Luminous Height	0.25 ft

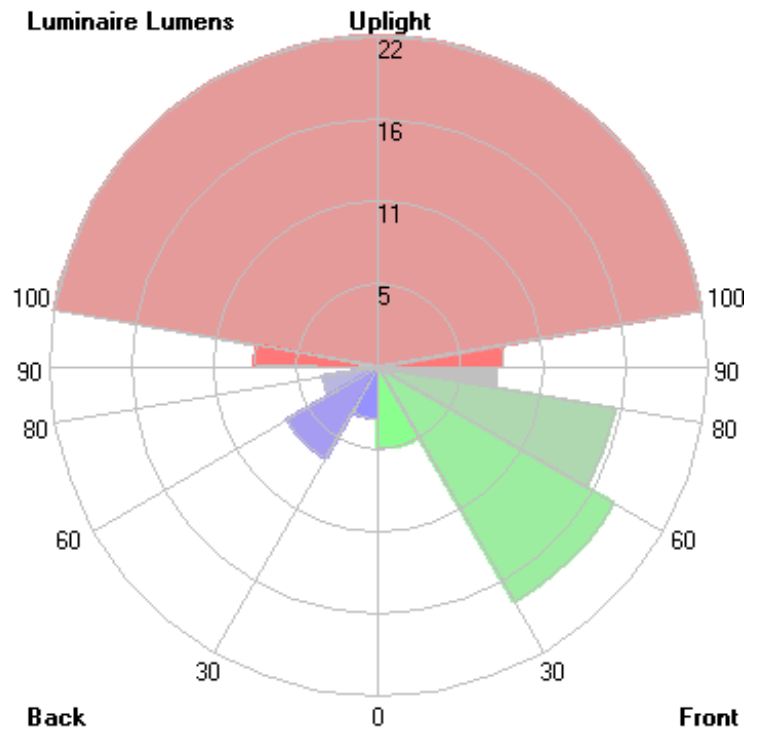
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	5.4	N.A.	5.9
FM (30-60)	18.0	N.A.	19.4
FH (60-80)	15.9	N.A.	17.2
FVH (80-90)	7.8	N.A.	8.5
BL (0-30)	3.5	N.A.	3.7
BM (30-60)	7.0	N.A.	7.6
BH (60-80)	3.7	N.A.	4.0
BVH (80-90)	1.3	N.A.	1.4
UL (90-100)	8.2	N.A.	8.9
UH (100-180)	21.8	N.A.	23.5
Total	92.6	N.A.	100.0
BUG Rating	B0-U2-G0		



Mounting Height: 6 ft.

Grid Spacing: 1.25 ft.



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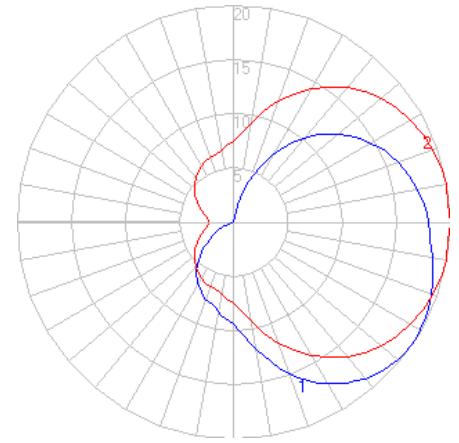
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File: 24036K3.ies

TEST: BE_24036K3
TEST LAB: BEGA
DATE: 07/07/2017
LUMINAIRE: 24 036K3
LAMP: 0.9W LED

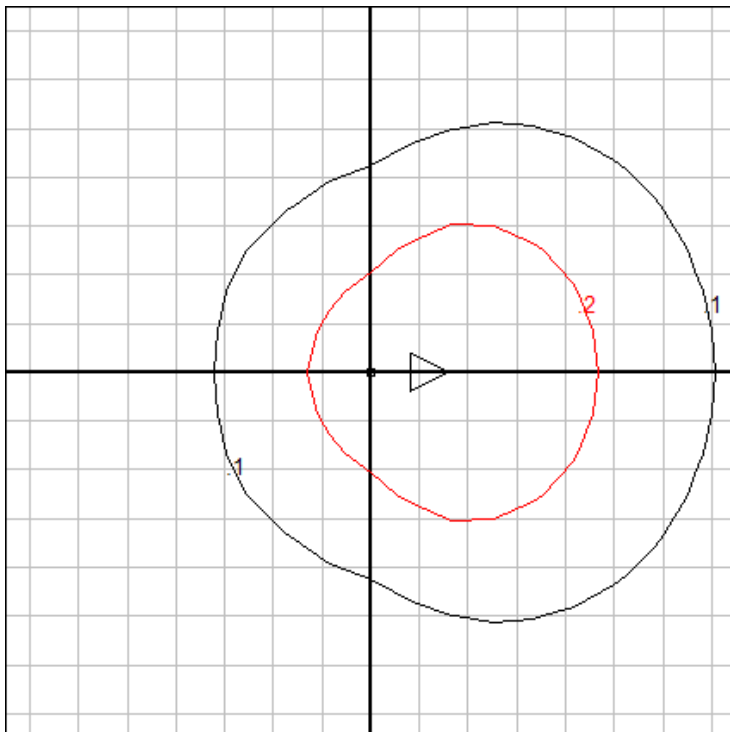


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	92
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	31
Total Luminaire Watts	3
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	2.56
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.92
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	0.25 ft (Diameter)
Luminous Height	0.25 ft

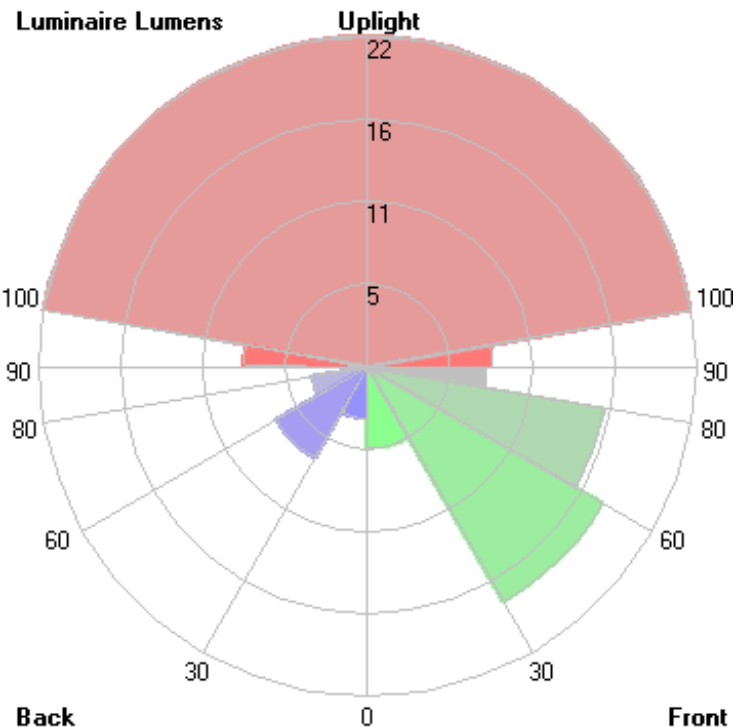
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	5.4	N.A.	5.8
FM (30-60)	17.8	N.A.	19.4
FH (60-80)	15.8	N.A.	17.1
FVH (80-90)	7.8	N.A.	8.5
BL (0-30)	3.4	N.A.	3.7
BM (30-60)	7.0	N.A.	7.6
BH (60-80)	3.7	N.A.	4.0
BVH (80-90)	1.3	N.A.	1.4
UL (90-100)	8.2	N.A.	8.9
UH (100-180)	21.6	N.A.	23.5
Total	92.0	N.A.	100.0
BUG Rating	B0-U2-G0		



Mounting Height: 6 ft.

Grid Spacing: 1.25 ft.



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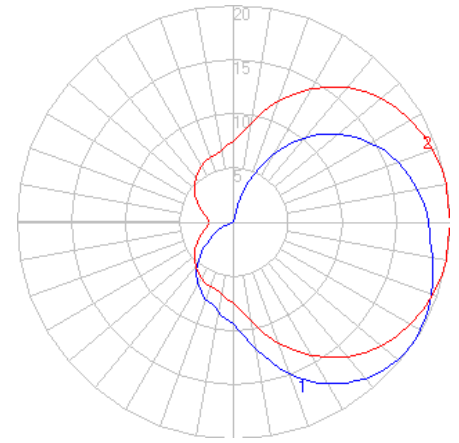
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BEGA

File: 24036K27.ies

TEST: BE_24036K3
 TEST LAB: BEGA
 DATE: 07/07/2017
 LUMINAIRE: 24 036K27
 LAMP: 0.9W LED

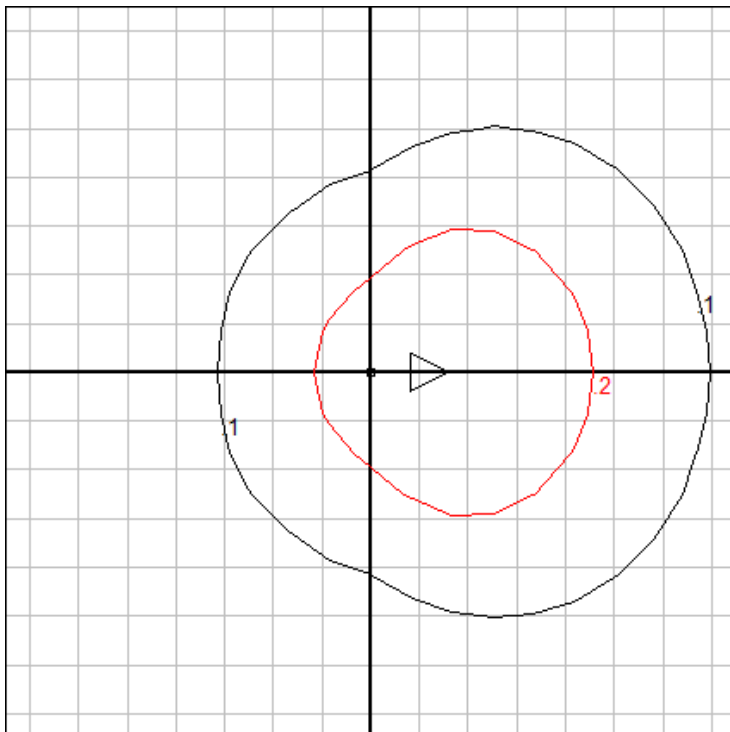


Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	89
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	30
Total Luminaire Watts	3
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	2.56
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.92
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	0.25 ft (Diameter)
Luminous Height	0.25 ft

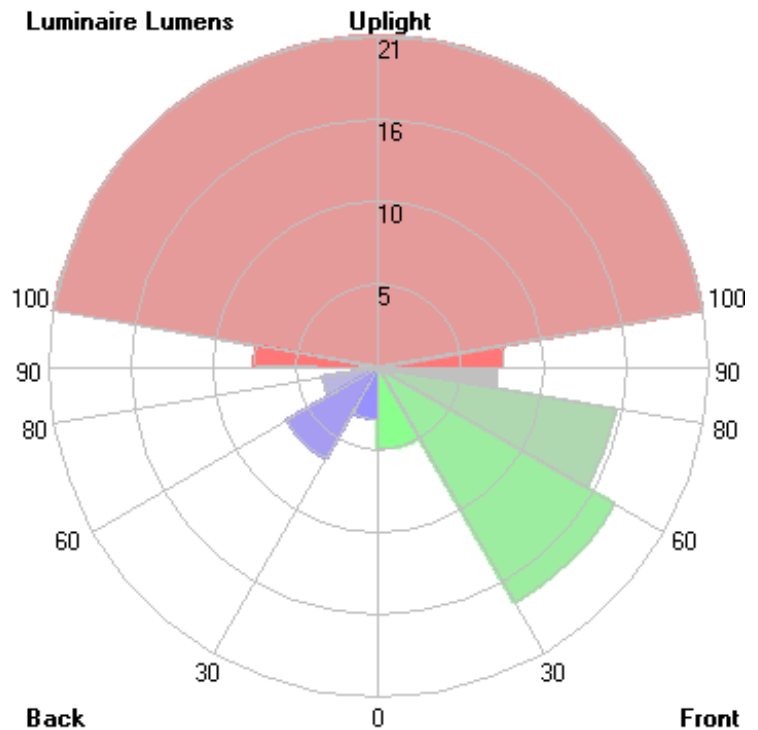
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	5.2	N.A.	5.9
FM (30-60)	17.3	N.A.	19.4
FH (60-80)	15.3	N.A.	17.2
FVH (80-90)	7.5	N.A.	8.5
BL (0-30)	3.3	N.A.	3.7
BM (30-60)	6.7	N.A.	7.6
BH (60-80)	3.6	N.A.	4.0
BVH (80-90)	1.3	N.A.	1.4
UL (90-100)	7.9	N.A.	8.9
UH (100-180)	21.0	N.A.	23.5
Total	89.1	N.A.	100.0
BUG Rating	B0-U2-G0		



Mounting Height: 6 ft.

Grid Spacing: 1.25 ft.



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