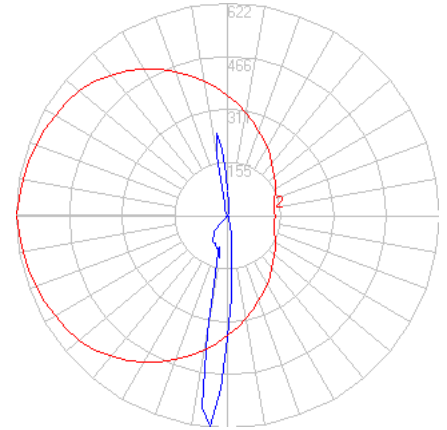


BEGA

File: 24049K4_BEGA_IES.ies

TEST: 24049K4_BEGA_IES
TEST LAB: BEGA
DATE: 06/17/2025
LUMINAIRE: 24049K4
LAMP: 9.5W LED



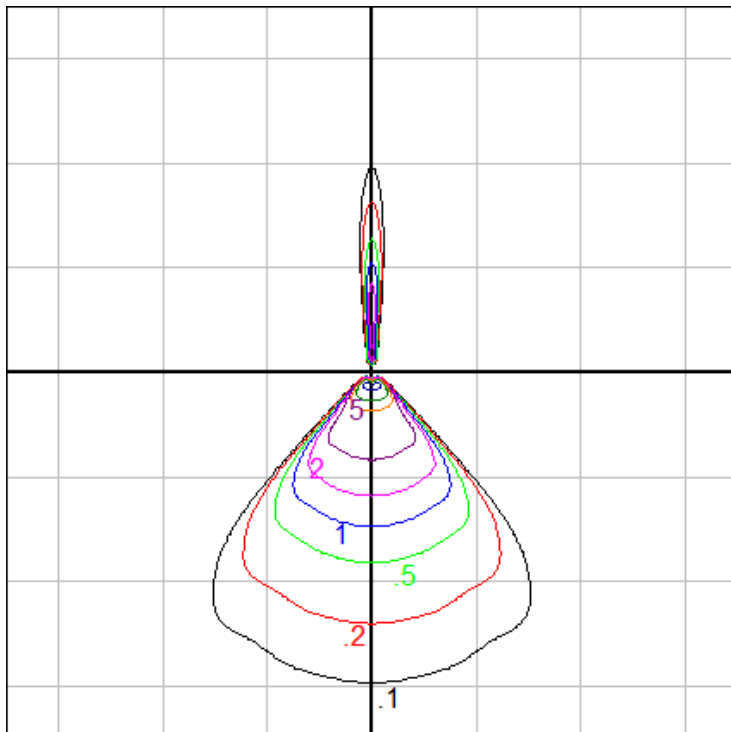
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	239
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	18
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	0.48
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.62 ft (Diameter)
Luminous Height	0.26 ft (Diameter)

Lum. Classification System (LCS)

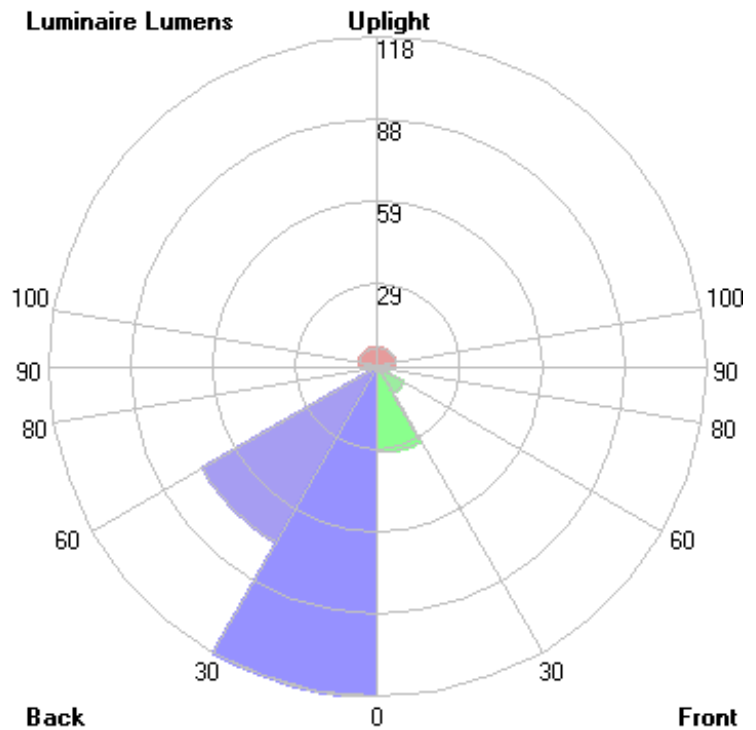
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	30.7	N.A.	12.9
FM (30-60)	10.8	N.A.	4.5
FH (60-80)	< 0.05	N.A.	0.0
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	117.6	N.A.	49.3
BM (30-60)	72.5	N.A.	30.4
BH (60-80)	0.4	N.A.	0.2
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	6.7	N.A.	2.8
Total	238.7	N.A.	100.0

BUG Rating B1-U1-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.

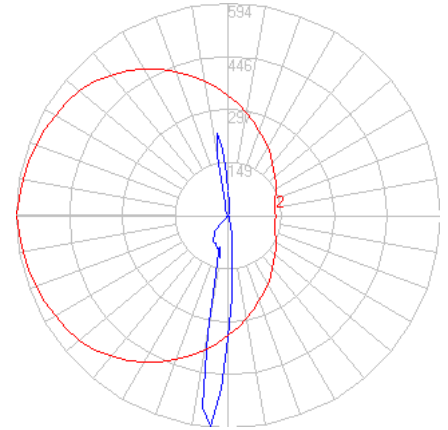
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File: 24049K35_BEGA_IES.ies

TEST: 24049K4_BEGA_IES
 TEST LAB: BEGA
 DATE: 06/17/2025
 LUMINAIRE: 24049K35
 LAMP: 9.5W LED



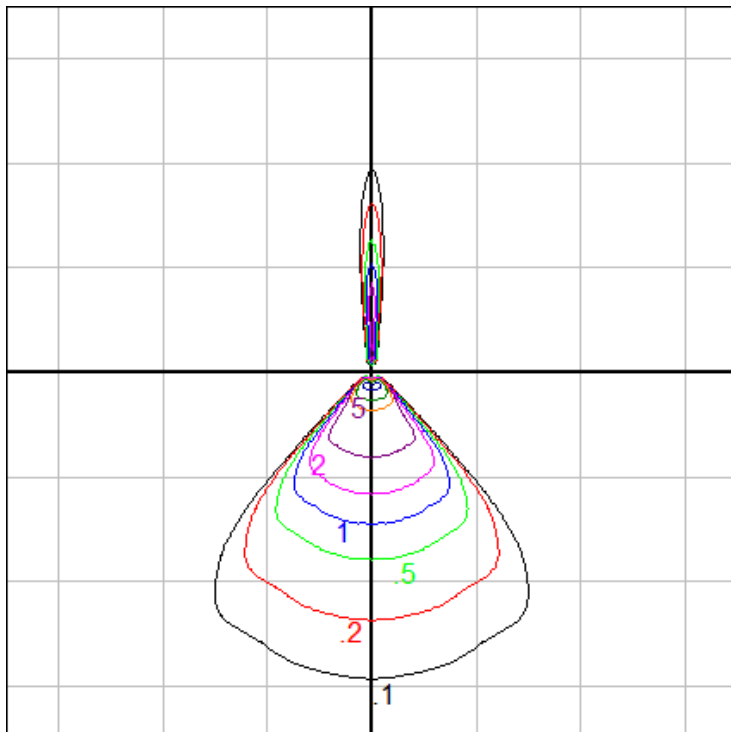
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	228
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	18
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	0.48
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.62 ft (Diameter)
Luminous Height	0.26 ft (Diameter)

Lum. Classification System (LCS)

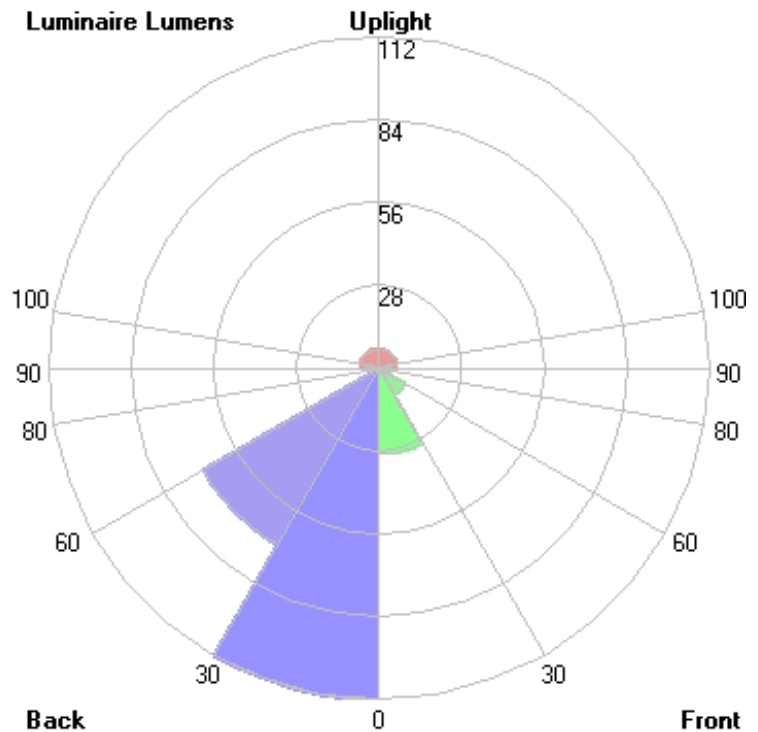
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	29.3	N.A.	12.9
FM (30-60)	10.3	N.A.	4.5
FH (60-80)	< 0.05	N.A.	0.0
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	112.4	N.A.	49.3
BM (30-60)	69.2	N.A.	30.4
BH (60-80)	0.4	N.A.	0.2
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	6.4	N.A.	2.8
Total	228.0	N.A.	100.0

BUG Rating B1-U1-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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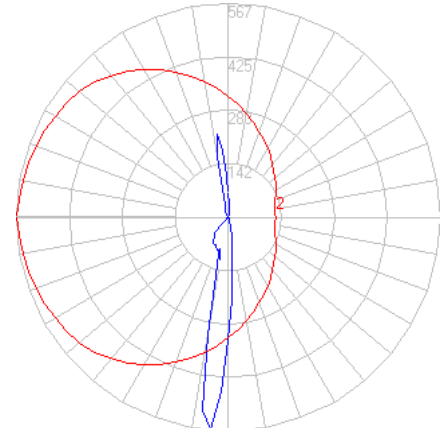
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File: 24049K3_BEGA_IES.ies

TEST: 24049K4_BEGA_IES
TEST LAB: BEGA
DATE: 06/17/2025
LUMINAIRE: 24049K3
LAMP: 9.5W LED



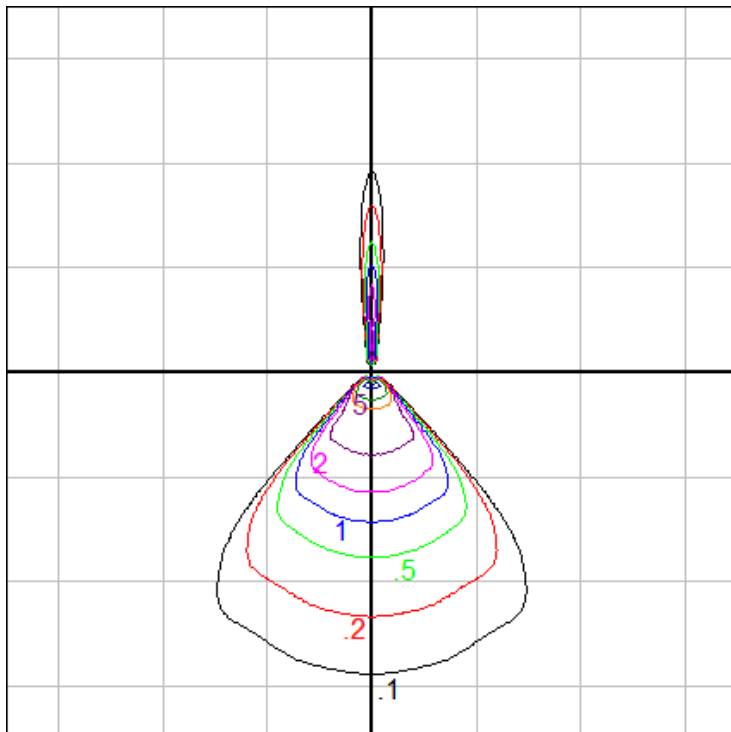
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	218
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	0.48
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.62 ft (Diameter)
Luminous Height	0.26 ft (Diameter)

Lum. Classification System (LCS)

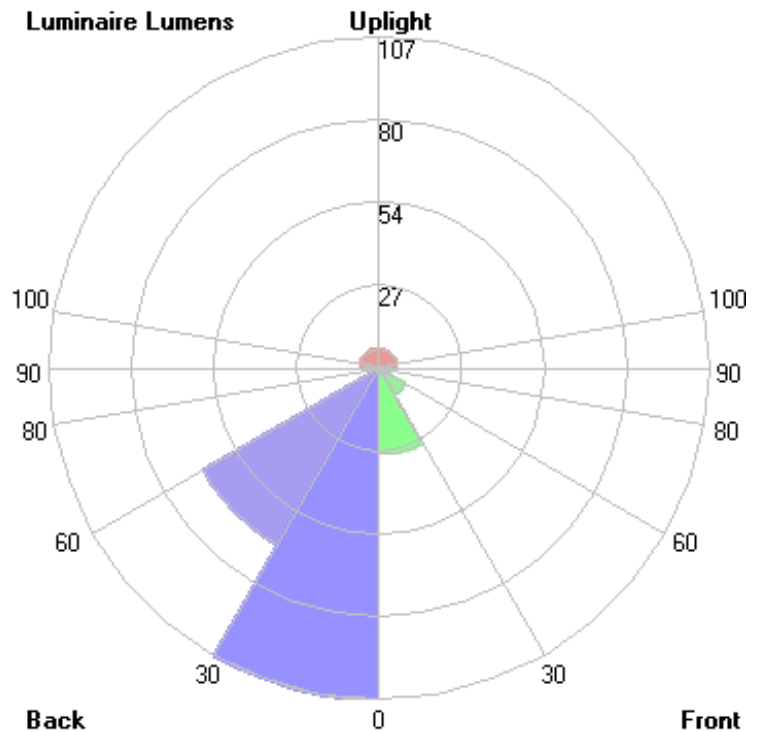
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	28.0	N.A.	12.9
FM (30-60)	9.9	N.A.	4.5
FH (60-80)	< 0.05	N.A.	0.0
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	107.2	N.A.	49.3
BM (30-60)	66.0	N.A.	30.4
BH (60-80)	0.3	N.A.	0.2
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	6.1	N.A.	2.8
Total	217.5	N.A.	100.0

BUG Rating B0-U1-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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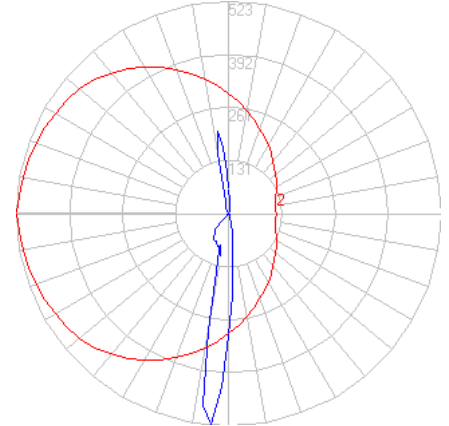
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File: 24049K27_BEGA_IES.ies

TEST: 24049K4_BEGA_IES
TEST LAB: BEGA
DATE: 06/17/2025
LUMINAIRE: 24049K27
LAMP: 9.5W LED



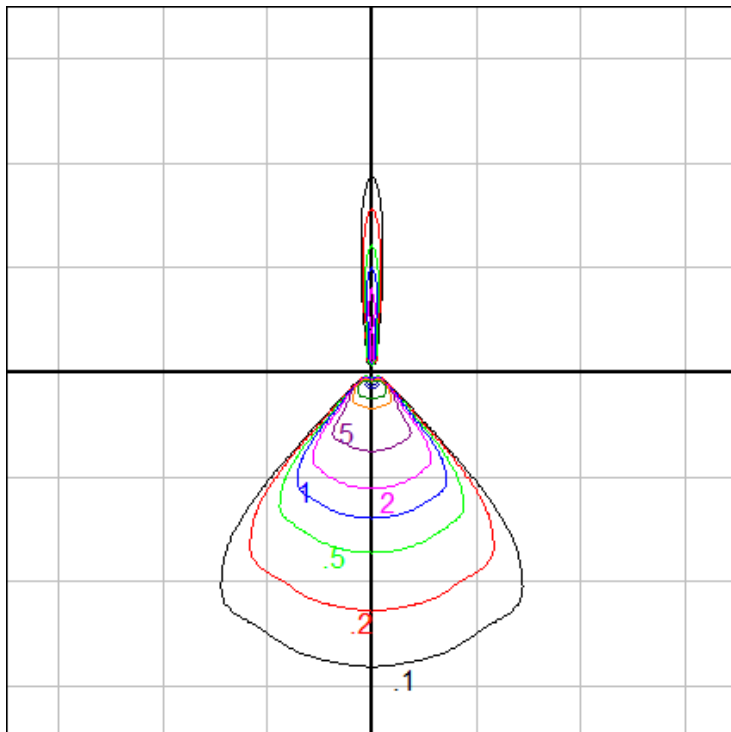
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	201
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	15
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	0.48
Basic Luminous Shape	Sphere
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.62 ft (Diameter)
Luminous Height	0.26 ft (Diameter)

Lum. Classification System (LCS)

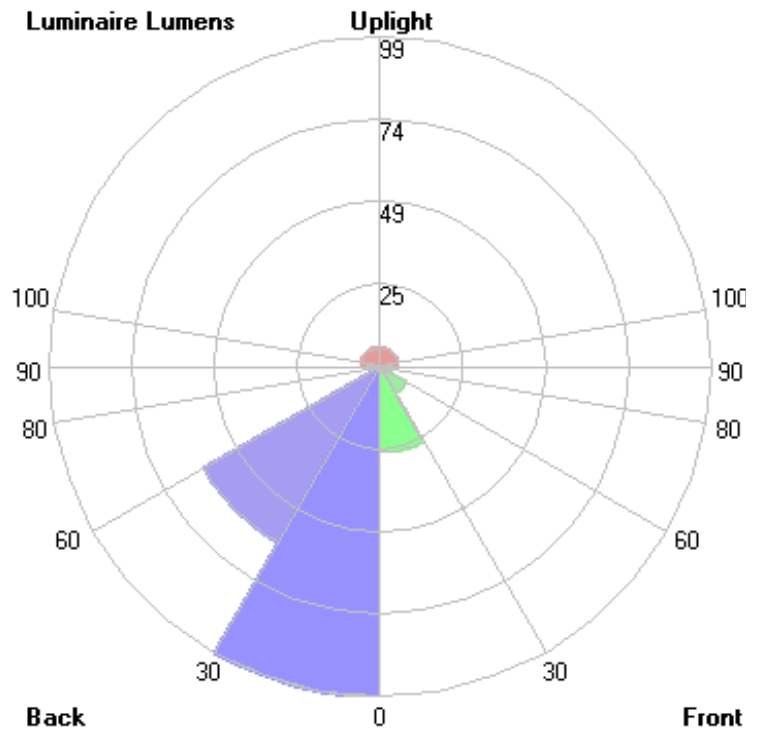
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	30.7	N.A.	12.9
FM (30-60)	10.8	N.A.	4.5
FH (60-80)	< 0.05	N.A.	0.0
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	117.6	N.A.	49.3
BM (30-60)	72.5	N.A.	30.4
BH (60-80)	0.4	N.A.	0.2
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	6.7	N.A.	2.8
Total	238.7	N.A.	100.0

BUG Rating B1-U1-G0



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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