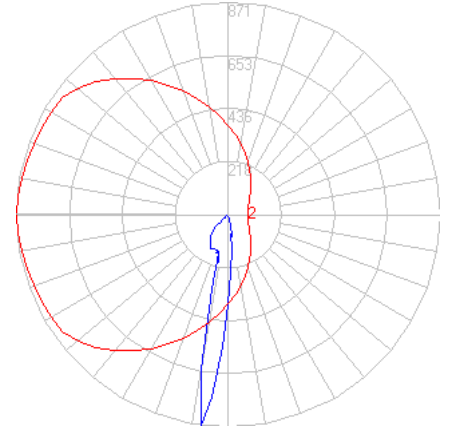


BEGA

File: 24054K4_BEGA_IES.ies

TEST: 24054K4_BEGA_IES
TEST LAB: BEGA
DATE: 06/16/2025
LUMINAIRE: 24054K4
LAMP: 9.5W LED



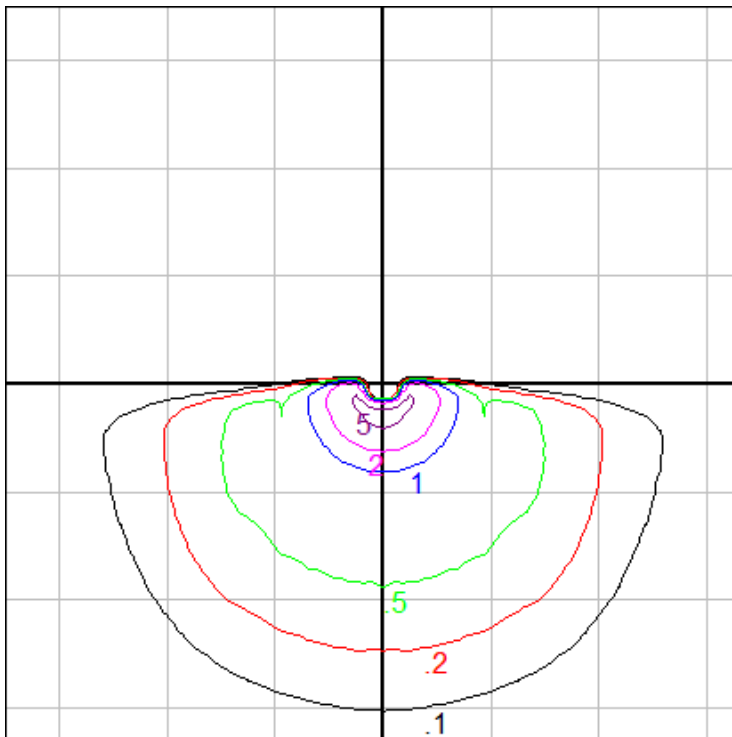
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	631
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	0.52
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)

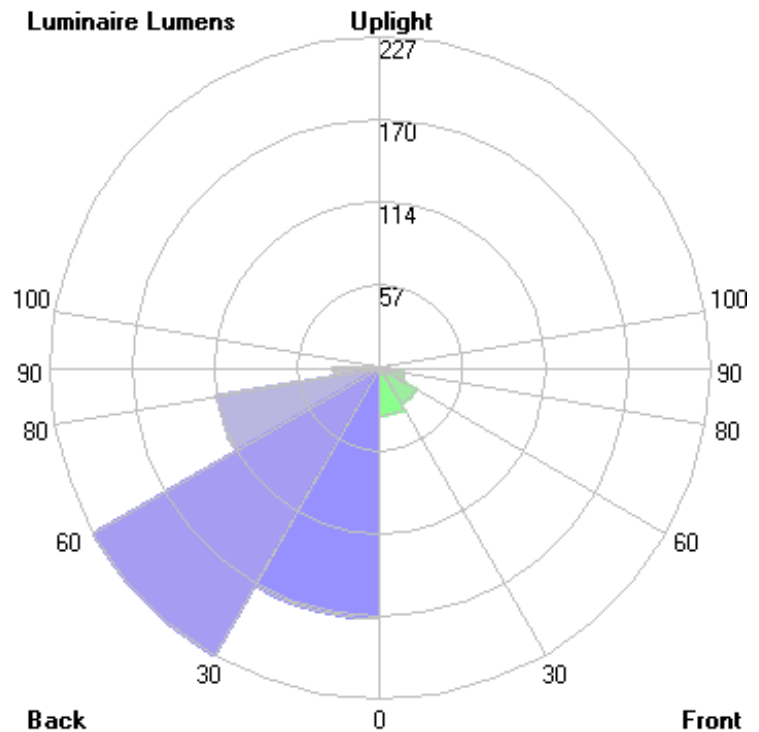
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	33.0	N.A.	5.2
FM (30-60)	28.9	N.A.	4.6
FH (60-80)	16.8	N.A.	2.7
FVH(80-90)	6.0	N.A.	1.0
BL (0-30)	172.0	N.A.	27.2
BM (30-60)	227.1	N.A.	36.0
BH (60-80)	113.9	N.A.	18.0
BVH(80-90)	31.2	N.A.	4.9
UL (90-100)	2.4	N.A.	0.4
UH (100-180)	0.0	N.A.	0.0
Total	631.3	N.A.	100.0

BUG Rating **B1-U1-G1**



Grid Spacing: 3 ft.

Isofootcandle grid on wall

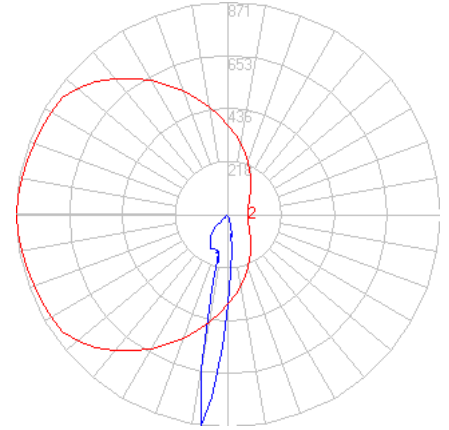


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24054K35_BEGA_IES.ies

TEST: 24054K4_BEGA_IES
TEST LAB: BEGA
DATE: 06/16/2025
LUMINAIRE: 24054K35
LAMP: 9.5W LED



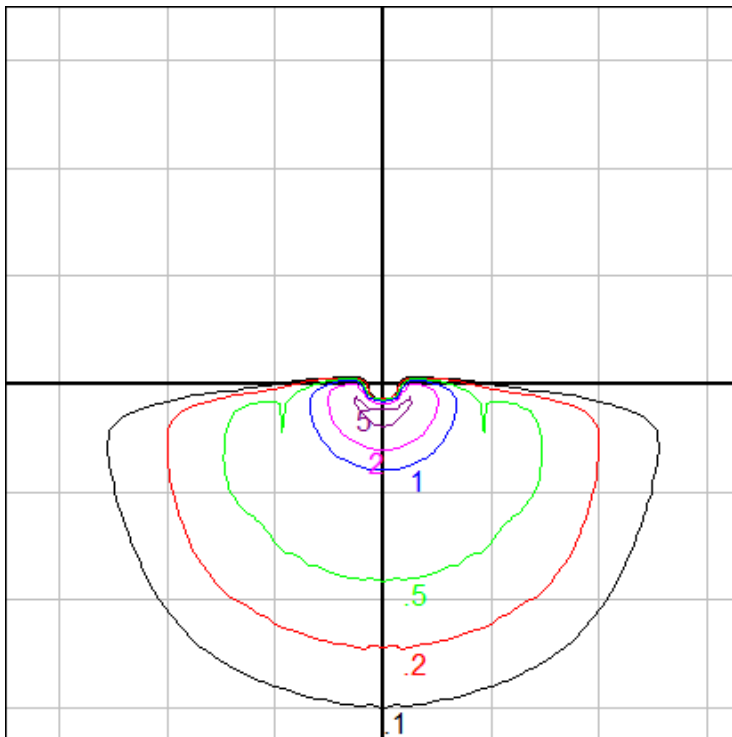
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	604
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	50
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	0.52
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)

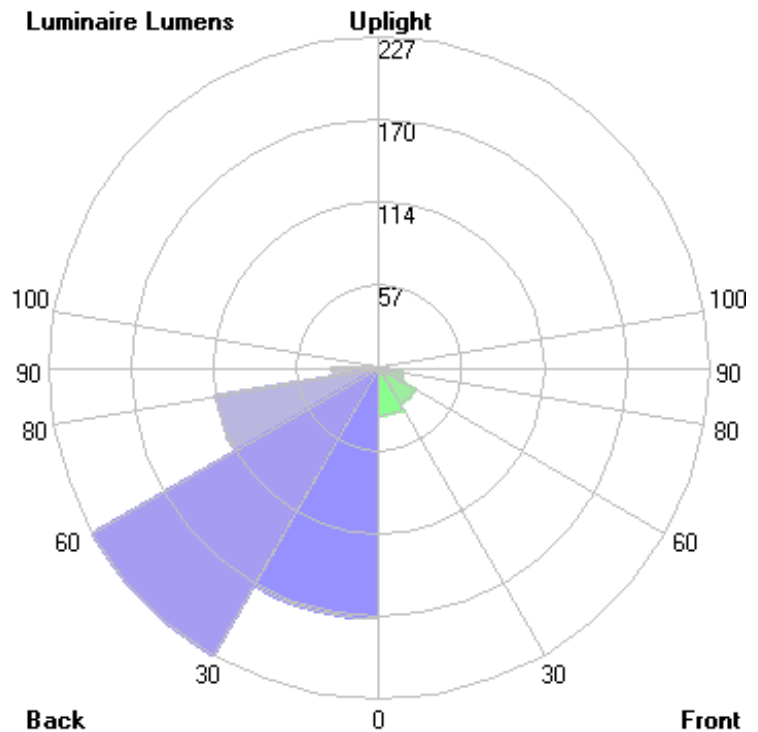
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	31.6	N.A.	5.2
FM (30-60)	27.7	N.A.	4.6
FH (60-80)	16.1	N.A.	2.7
FVH(80-90)	5.7	N.A.	1.0
BL (0-30)	164.6	N.A.	27.2
BM (30-60)	217.4	N.A.	36.0
BH (60-80)	109.0	N.A.	18.0
BVH(80-90)	29.9	N.A.	4.9
UL (90-100)	2.3	N.A.	0.4
UH (100-180)	0.0	N.A.	0.0
Total	604.3	N.A.	100.0

BUG Rating B1-U1-G1



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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

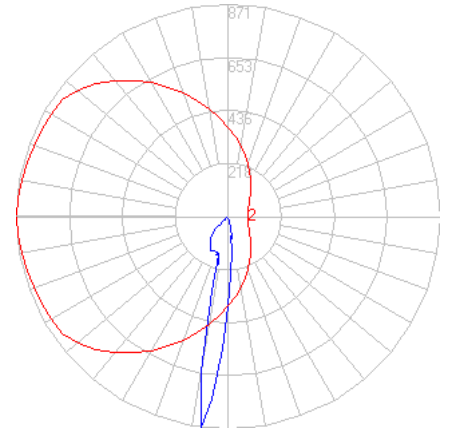
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06/16/2025

BEGA

File: 24054K3_BEGA_IES.ies

TEST: 24054K4_BEGA_IES
TEST LAB: BEGA
DATE: 06/16/2025
LUMINAIRE: 24054K3
LAMP: 9.5W LED



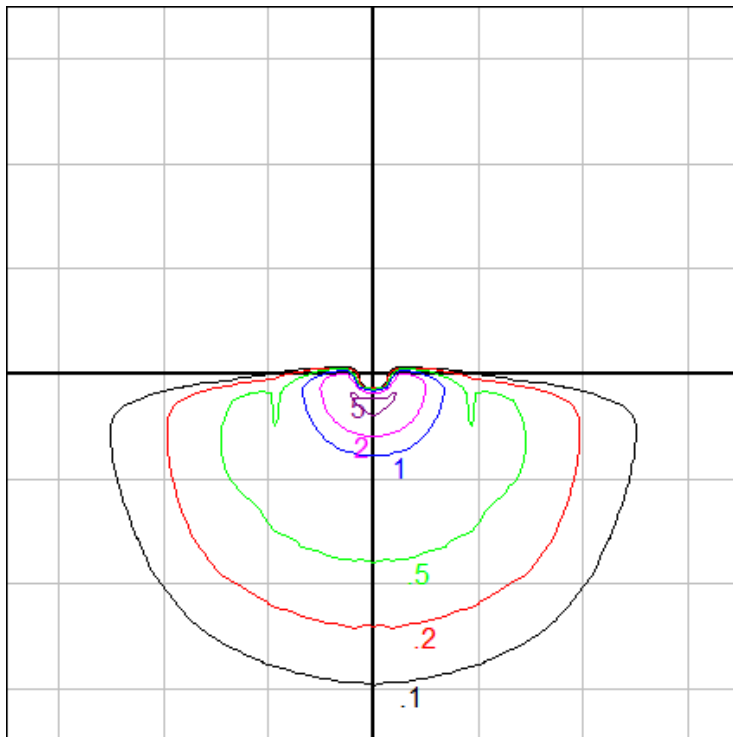
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	577
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	48
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	0.52
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)

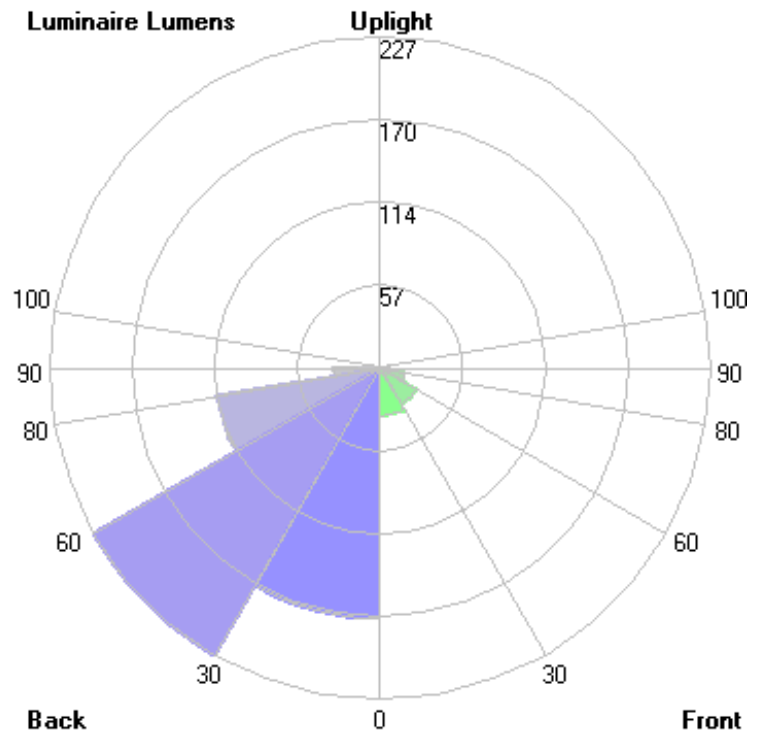
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	30.2	N.A.	5.2
FM (30-60)	26.4	N.A.	4.6
FH (60-80)	15.4	N.A.	2.7
FVH(80-90)	5.5	N.A.	1.0
BL (0-30)	157.2	N.A.	27.2
BM (30-60)	207.7	N.A.	36.0
BH (60-80)	104.1	N.A.	18.0
BVH(80-90)	28.5	N.A.	4.9
UL (90-100)	2.2	N.A.	0.4
UH (100-180)	0.0	N.A.	0.0
Total	577.2	N.A.	100.0

BUG Rating **B1-U1-G1**



Grid Spacing: 3 ft.

Isofootcandle grid on wall



Back

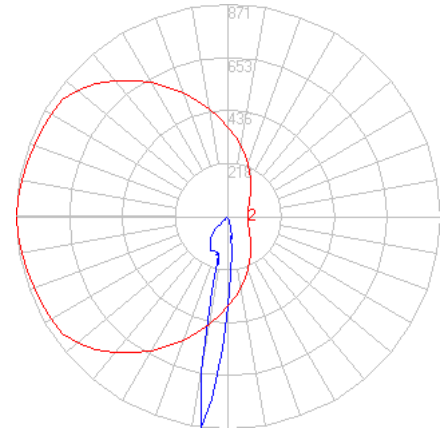
Front

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BEGA

File: 24054K27_BEGA_IES.ies

TEST: 24054K4_BEGA_IES
 TEST LAB: BEGA
 DATE: 06/16/2025
 LUMINAIRE: 24054K27
 LAMP: 9.5W LED



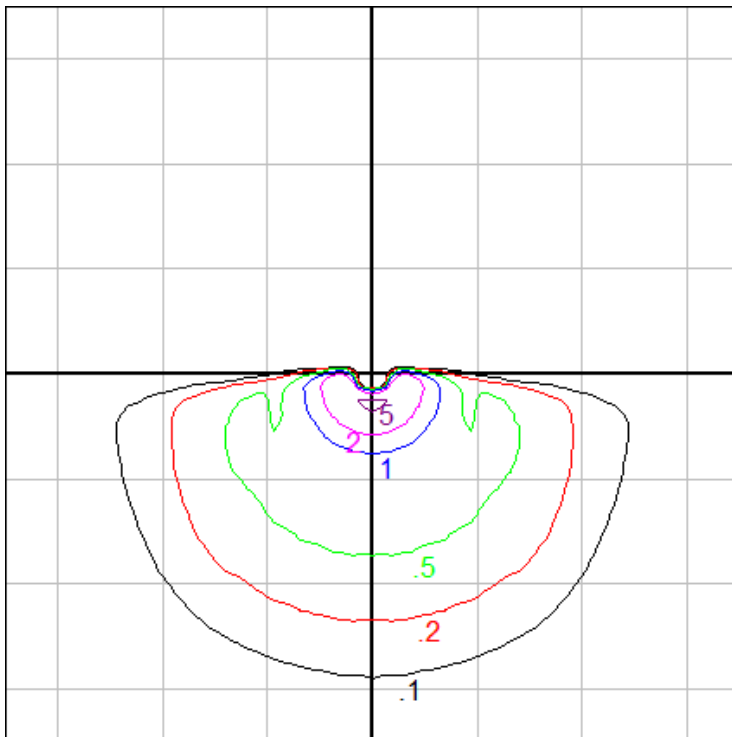
Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	533
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	44
Total Luminaire Watts	12
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.14
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	0.52
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)

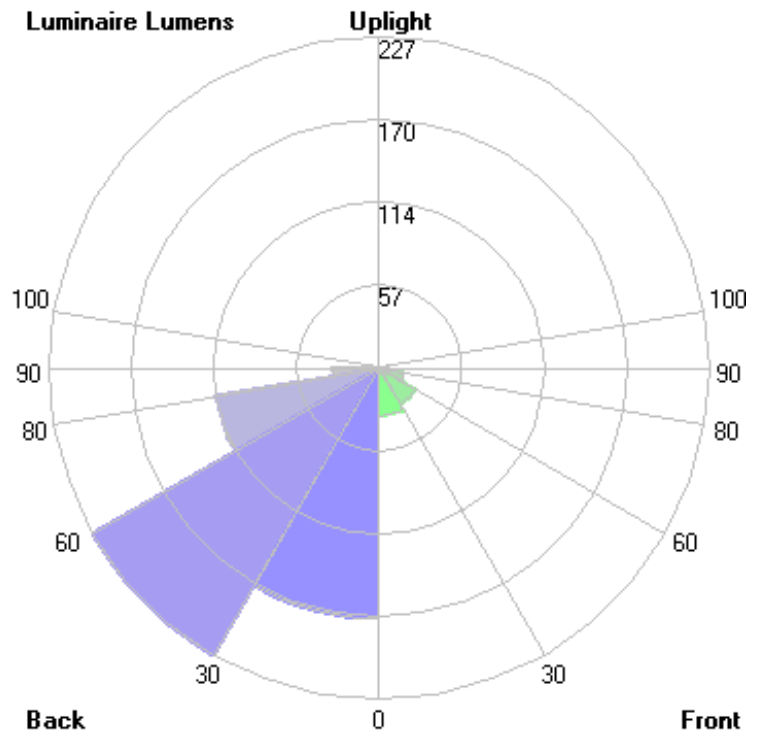
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	27.8	N.A.	5.2
FM (30-60)	24.4	N.A.	4.6
FH (60-80)	14.2	N.A.	2.7
FVH(80-90)	5.1	N.A.	1.0
BL (0-30)	145.1	N.A.	27.2
BM (30-60)	191.6	N.A.	36.0
BH (60-80)	96.1	N.A.	18.0
BVH(80-90)	26.3	N.A.	4.9
UL (90-100)	2.1	N.A.	0.4
UH (100-180)	0.0	N.A.	0.0
Total	532.7	N.A.	100.0

BUG Rating B1-U1-G1



Grid Spacing: 3 ft.

Isofootcandle grid on wall



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