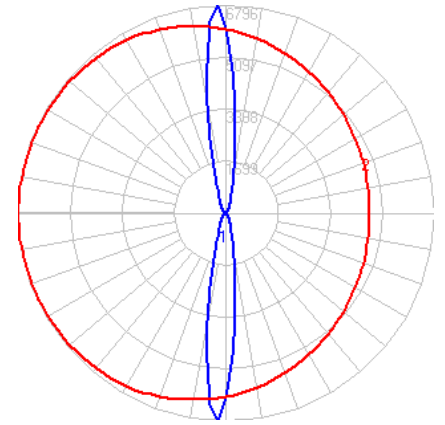


# BEGA

File: 24589K4\_BEGA\_IES.ies

TEST: BE\_24589K4  
 TEST LAB: BEGA  
 DATE: 11/21/2024  
 LUMINAIRE: 24 589K4  
 LAMP: 69.6W LED



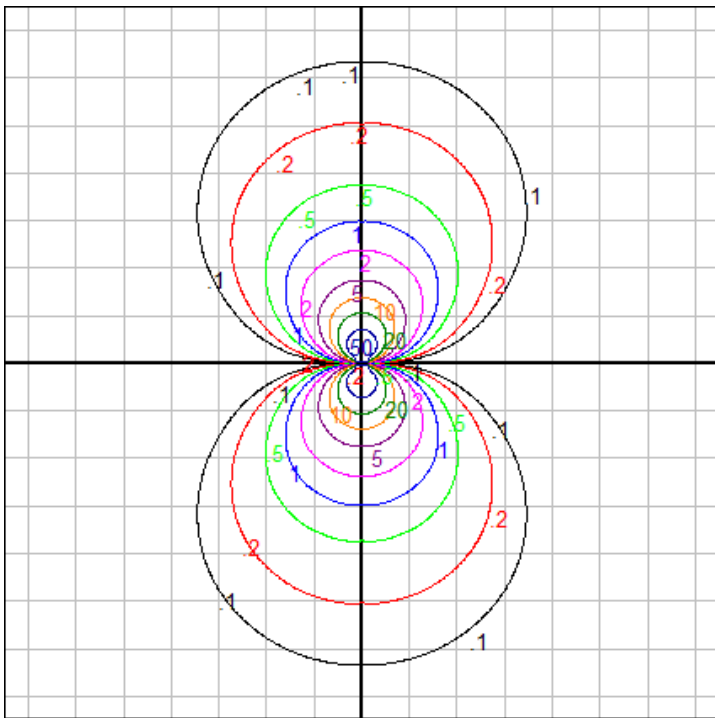
### Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6885
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	6795.7 (180H, 177.5V)
Max. Cd. (<90 Vert.)	6795.7 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.5 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	159.9 (2.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

### Lum. Classification System (LCS)

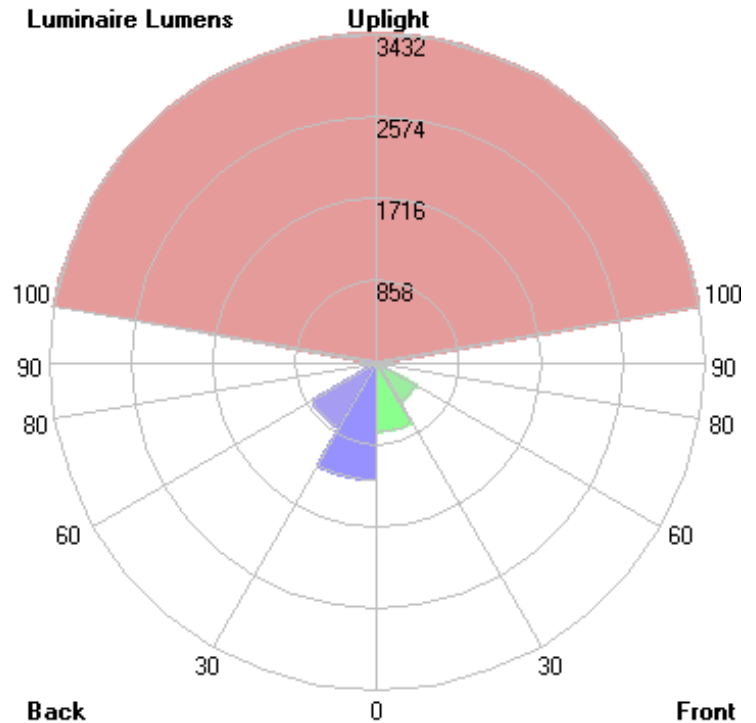
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	728.9	N.A.	10.6
FM (30-60)	473.9	N.A.	6.9
FH (60-80)	87.3	N.A.	1.3
FVH(80-90)	5.0	N.A.	0.1
BL (0-30)	1236.0	N.A.	18.0
BM (30-60)	783.5	N.A.	11.4
BH (60-80)	122.8	N.A.	1.8
BVH(80-90)	4.9	N.A.	0.1
UL (90-100)	9.9	N.A.	0.1
UH (100-180)	3432.4	N.A.	49.9
<b>Total</b>	<b>6884.6</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B3-U5-G1**



Isofootcandle grid on wall

Grid Spacing: 5 ft.

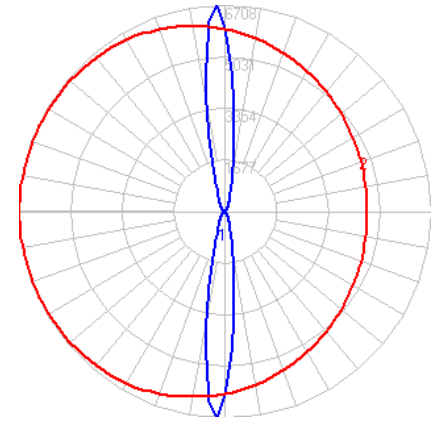


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24589K35\_BEGA\_IES.ies

TEST: BE\_24589K4  
 TEST LAB: BEGA  
 DATE: 11/21/2024  
 LUMINAIRE: 24 589K35  
 LAMP: 69.6W LED



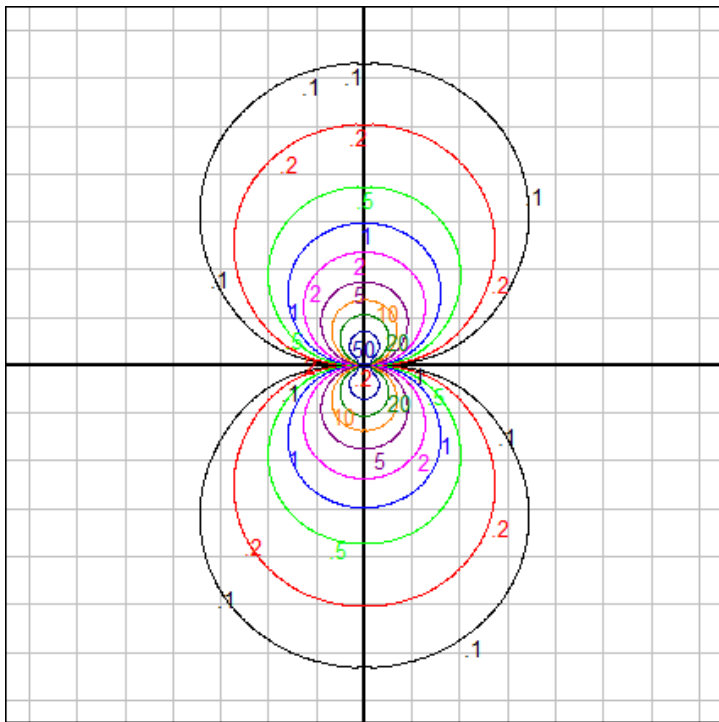
### Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6796
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	6707.818 (180H, 177.5V)
Max. Cd. (<90 Vert.)	6707.818 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.494 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	157.832 (2.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

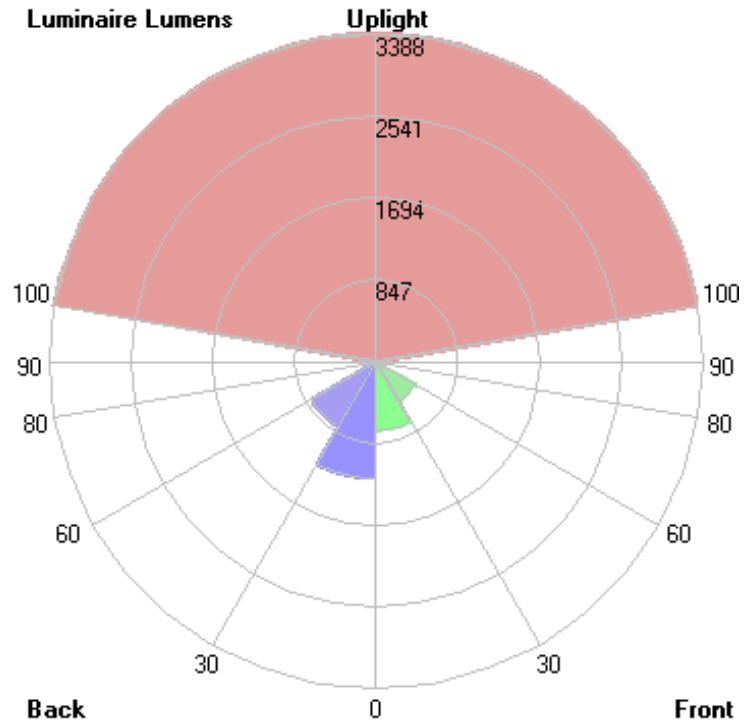
### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	719.4	N.A.	10.6
FM (30-60)	467.7	N.A.	6.9
FH (60-80)	86.2	N.A.	1.3
FVH(80-90)	4.9	N.A.	0.1
BL (0-30)	1220.0	N.A.	18.0
BM (30-60)	773.4	N.A.	11.4
BH (60-80)	121.2	N.A.	1.8
BVH(80-90)	4.8	N.A.	0.1
UL (90-100)	9.8	N.A.	0.1
UH (100-180)	3388.0	N.A.	49.9
<b>Total</b>	<b>6795.4</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B3-U5-G1**



Isofootcandle grid on wall | Grid Spacing: 5 ft.

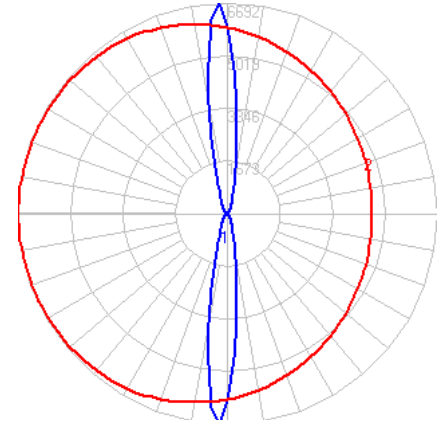


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24589K3\_BEGA\_IES.ies

TEST: BE\_24589K4  
 TEST LAB: BEGA  
 DATE: 11/21/2024  
 LUMINAIRE: 24 589K3  
 LAMP: 69.6W LED



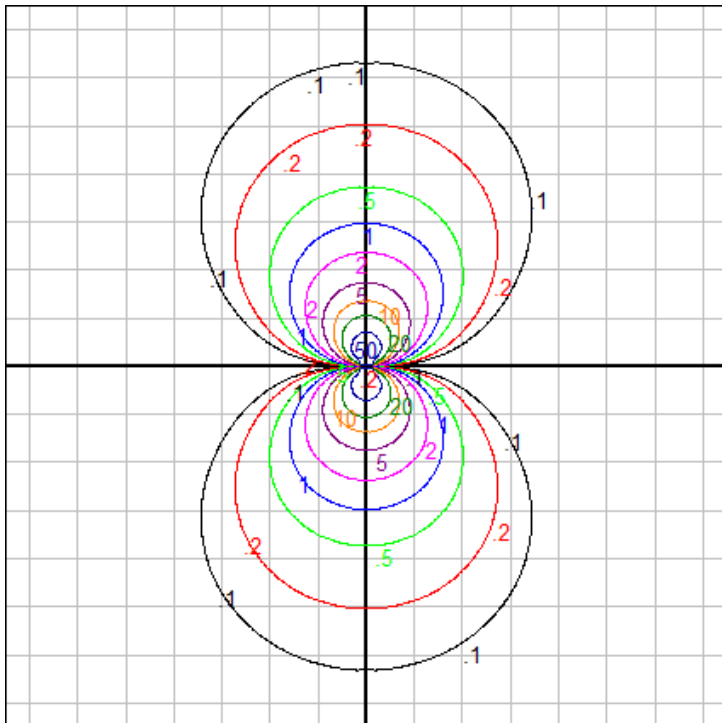
### Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6779
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	6691.835 (180H, 177.5V)
Max. Cd. (<90 Vert.)	6691.835 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.492 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	157.456 (2.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

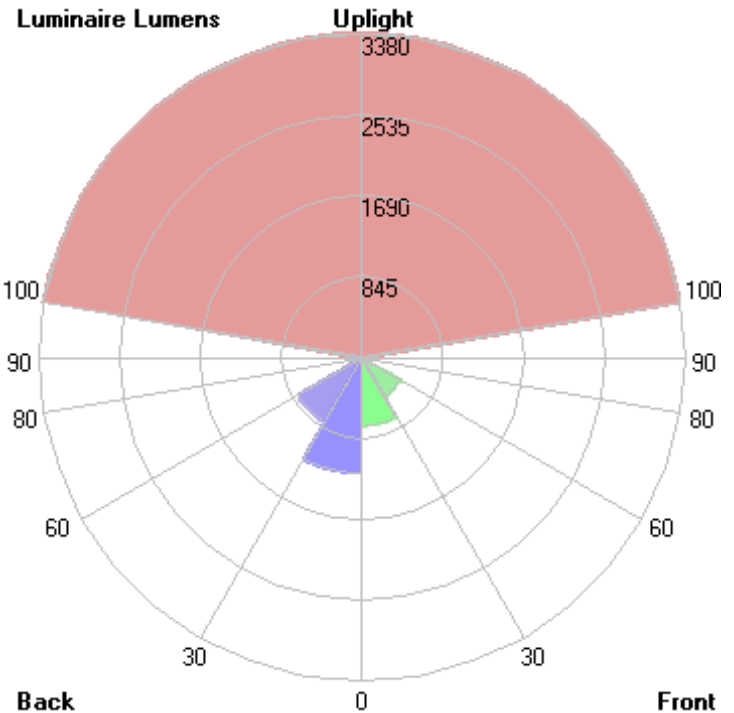
### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	717.7	N.A.	10.6
FM (30-60)	466.6	N.A.	6.9
FH (60-80)	86.0	N.A.	1.3
FVH(80-90)	4.9	N.A.	0.1
BL (0-30)	1217.1	N.A.	18.0
BM (30-60)	771.5	N.A.	11.4
BH (60-80)	120.9	N.A.	1.8
BVH(80-90)	4.8	N.A.	0.1
UL (90-100)	9.7	N.A.	0.1
UH (100-180)	3379.9	N.A.	49.9
<b>Total</b>	<b>6779.1</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B3-U5-G1**



Isofootcandle grid on wall      Grid Spacing: 5 ft.

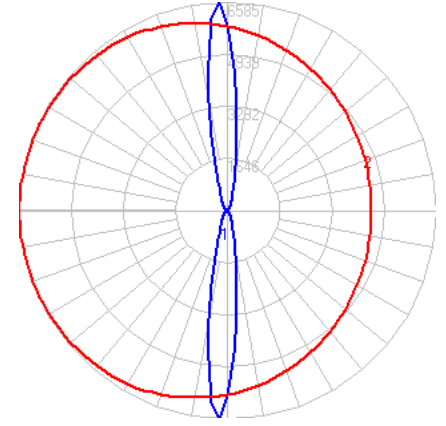


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24589K27\_BEGA\_IES.ies

TEST: BE\_24589K4  
 TEST LAB: BEGA  
 DATE: 11/21/2024  
 LUMINAIRE: 24 589K27  
 LAMP: 69.6W LED



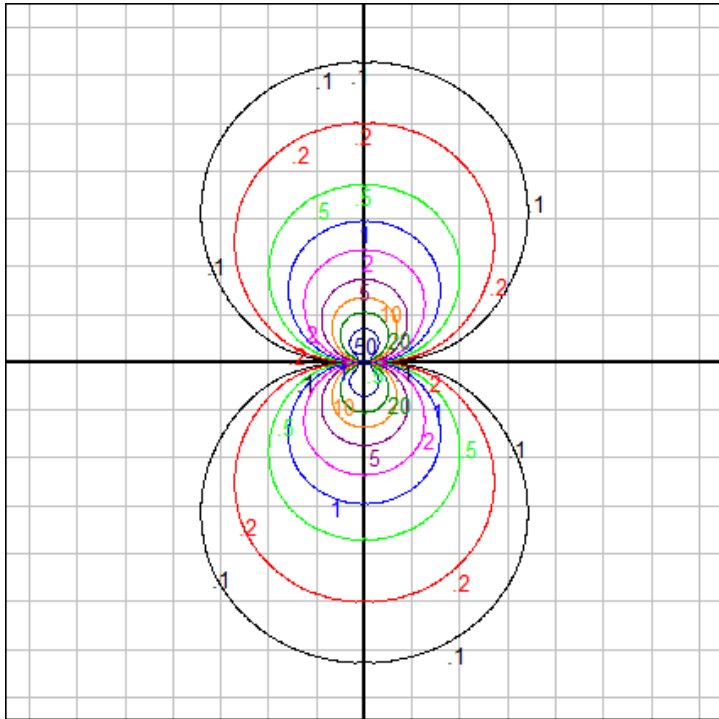
### Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6671
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	6584.741 (180H, 177.5V)
Max. Cd. (<90 Vert.)	6584.741 (180H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	.484 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	154.936 (2.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

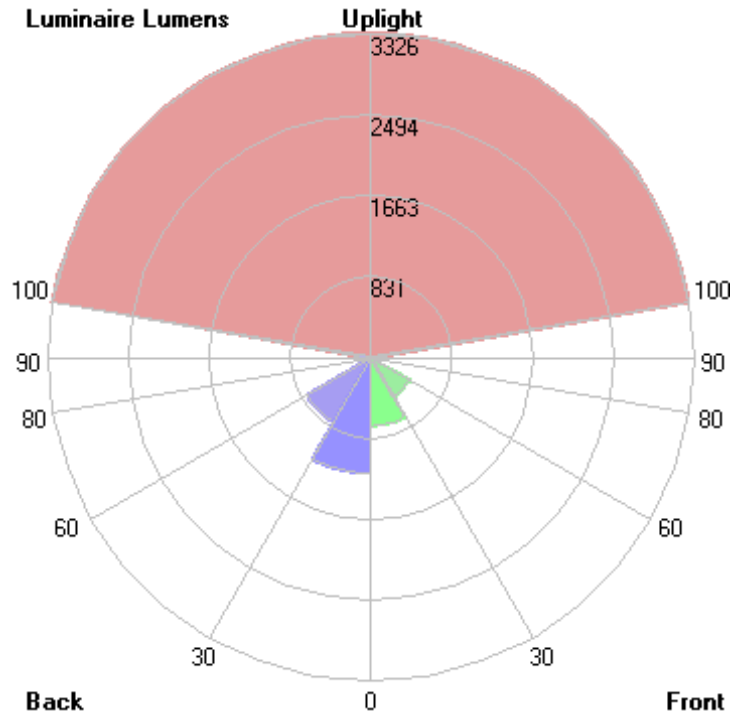
### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	706.2	N.A.	10.6
FM (30-60)	459.1	N.A.	6.9
FH (60-80)	84.6	N.A.	1.3
FVH(80-90)	4.8	N.A.	0.1
BL (0-30)	1197.6	N.A.	18.0
BM (30-60)	759.2	N.A.	11.4
BH (60-80)	119.0	N.A.	1.8
BVH(80-90)	4.8	N.A.	0.1
UL (90-100)	9.6	N.A.	0.1
UH (100-180)	3325.9	N.A.	49.9
<b>Total</b>	<b>6670.8</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B3-U5-G1**



Isofootcandle grid on wall      Grid Spacing: 5 ft.



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