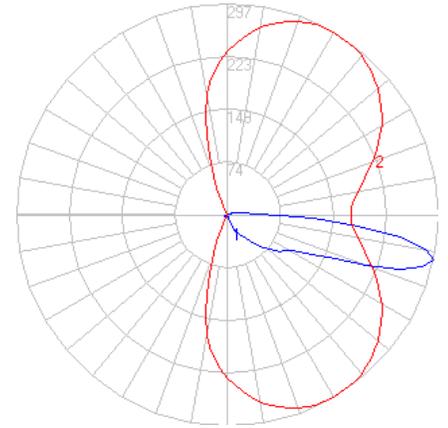


BEGA

File: 85015K4_BEGA_IES.ies

TEST: 85015K4
 TEST LAB: BEGA
 DATE: 9/7/2022
 LUMINAIRE: 85015K4
 LAMP: 4.9W LED



Characteristics

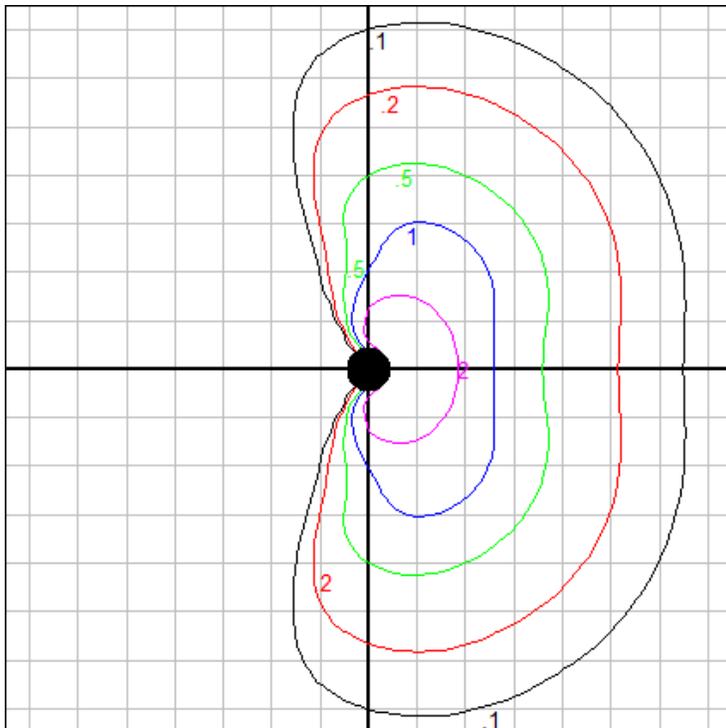
IES Classification	Type IV
Longitudinal Classification	Long
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	441
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	7
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Max. Cd.	297.2 (300H, 77.5V)
Max. Cd. (<90 Vert.)	297.2 (300H, 77.5V)
Max. Cd. (At 90 Deg. Vert.)	73.8 (16.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	285.1 (64.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Zonal Lumen Summary

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	6.3	N.A.	1.4
FM (30-60)	81.7	N.A.	18.5
FH (60-80)	186.0	N.A.	42.2
FVH (80-90)	90.8	N.A.	20.6
BL (0-30)	0.9	N.A.	0.2
BM (30-60)	9.6	N.A.	2.2
BH (60-80)	24.0	N.A.	5.4
BVH (80-90)	15.2	N.A.	3.4
UL (90-100)	18.1	N.A.	4.1
UH (100-180)	8.4	N.A.	1.9
Total	441.0	N.A.	100.0

BUG Rating B0-U2-G1

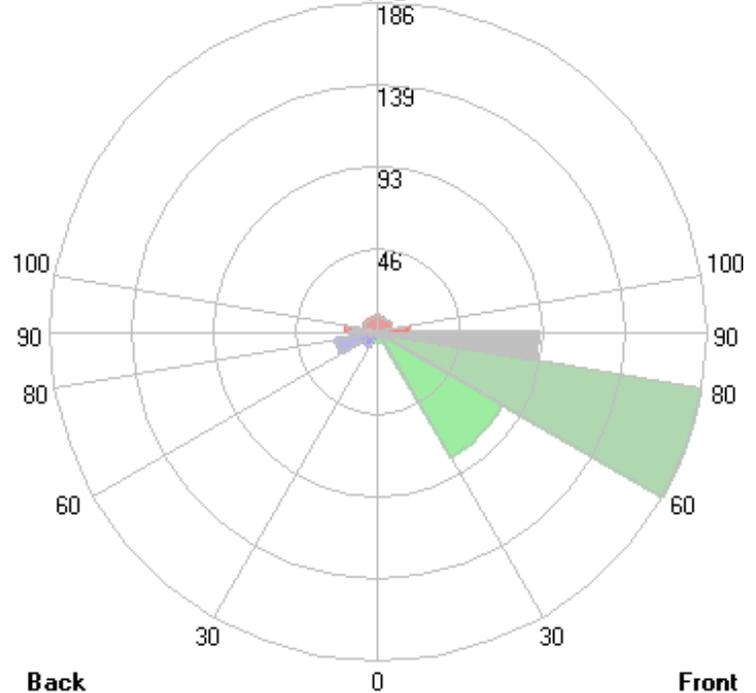


Shown on tube 99620

Grid Spacing: 2.5 ft.

Luminaire Lumens

Uplight



Back

0

Front

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

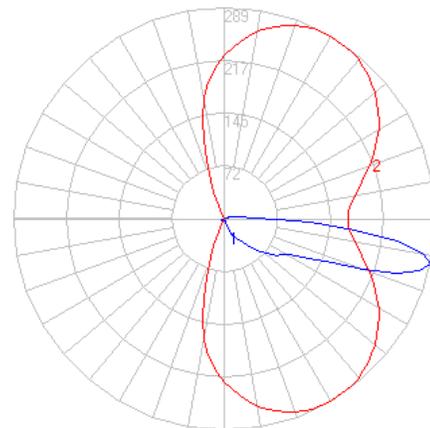
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2026

1/13/2026

BEGA

File: 85015K35_BEGA_IES.ies

TEST: 85015K4
 TEST LAB: BEGA
 DATE: 9/7/2022
 LUMINAIRE: 85015K35
 LAMP: 4.9W LED



Characteristics

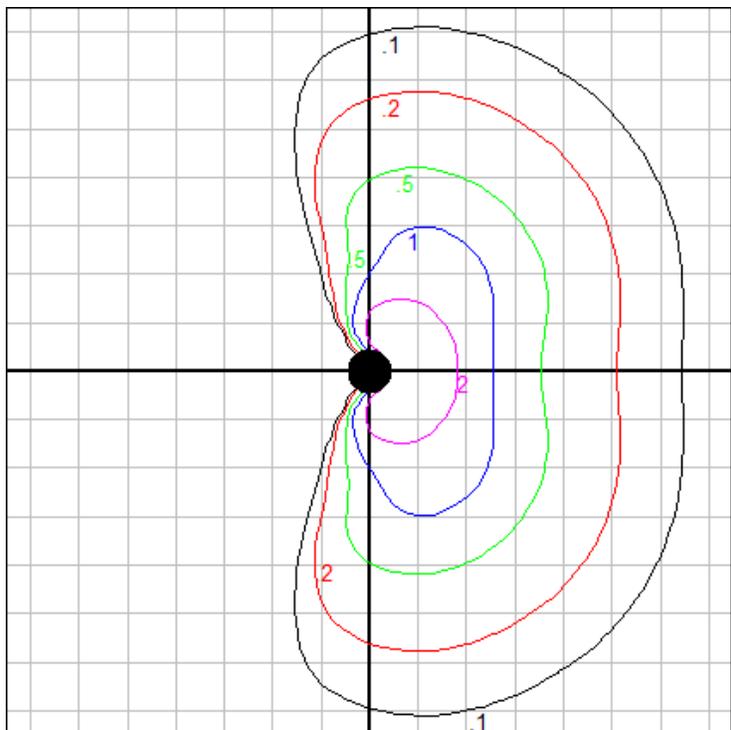
IES Classification	Type IV
Longitudinal Classification	Long
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	429
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	7
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Max. Cd.	289.473 (300H, 77.5V)
Max. Cd. (<90 Vert.)	289.473 (300H, 77.5V)
Max. Cd. (At 90 Deg. Vert.)	71.881 (16.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	277.687 (64.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Zonal Lumen Summary

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	6.1	N.A.	1.4
FM (30-60)	79.6	N.A.	18.5
FH (60-80)	181.1	N.A.	42.2
FVH (80-90)	88.4	N.A.	20.6
BL (0-30)	0.9	N.A.	0.2
BM (30-60)	9.3	N.A.	2.2
BH (60-80)	23.4	N.A.	5.4
BVH (80-90)	14.8	N.A.	3.4
UL (90-100)	17.6	N.A.	4.1
UH (100-180)	8.1	N.A.	1.9
Total	429.3	N.A.	100.0

BUG Rating B0-U2-G1

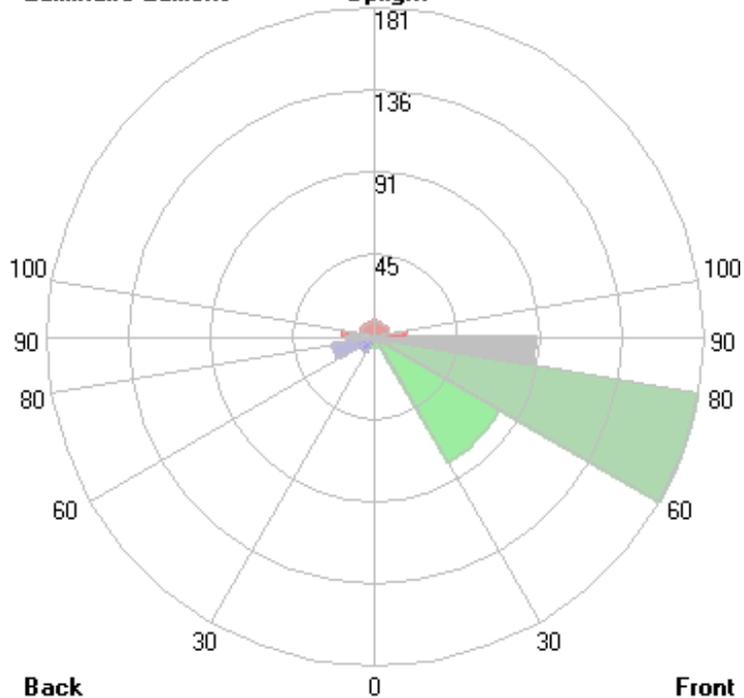


Shown on tube 99620

Grid Spacing: 2.5 ft.

Luminaire Lumens

Uplight



Back

0

Front

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

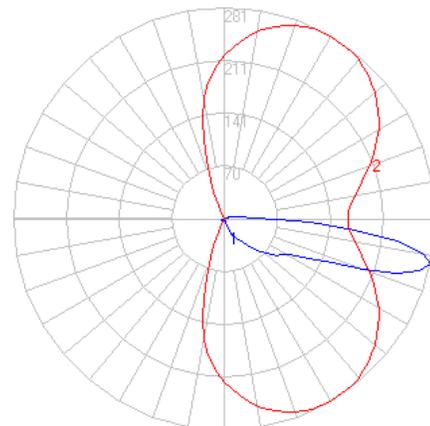
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1/13/2026

BEGA

File: 85015K3_BEGA_IES.ies

TEST: 85015K4
 TEST LAB: BEGA
 DATE: 9/7/2022
 LUMINAIRE: 85015K3
 LAMP: 4.9W LED



Characteristics

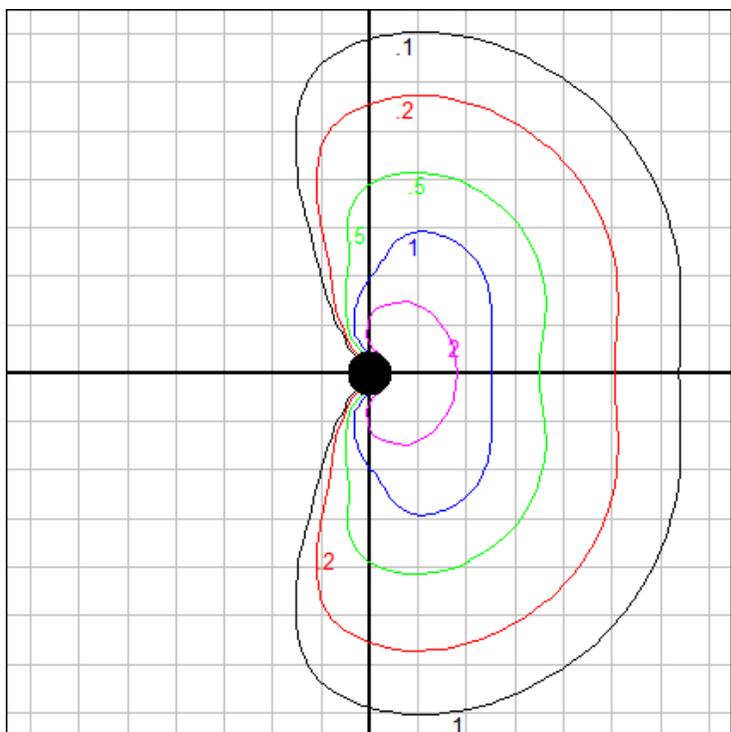
IES Classification	Type IV
Longitudinal Classification	Long
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	418
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	60
Total Luminaire Watts	7
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Max. Cd.	281.448 (300H, 77.5V)
Max. Cd. (<90 Vert.)	281.448 (300H, 77.5V)
Max. Cd. (At 90 Deg. Vert.)	69.889 (16.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	269.99 (64.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Zonal Lumen Summary

Lum. Classification System (LCS)

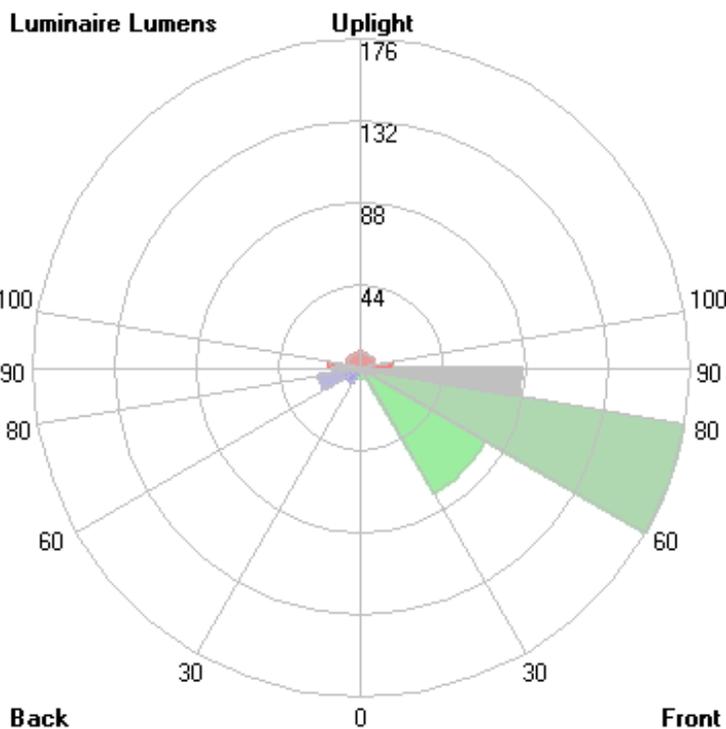
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	6.0	N.A.	1.4
FM (30-60)	77.4	N.A.	18.5
FH (60-80)	176.1	N.A.	42.2
FVH (80-90)	85.9	N.A.	20.6
BL (0-30)	0.9	N.A.	0.2
BM (30-60)	9.1	N.A.	2.2
BH (60-80)	22.7	N.A.	5.4
BVH (80-90)	14.4	N.A.	3.4
UL (90-100)	17.1	N.A.	4.1
UH (100-180)	7.9	N.A.	1.9
Total	417.5	N.A.	100.0

BUG Rating B0-U2-G1



Shown on tube 99620

Grid Spacing: 2.5 ft.

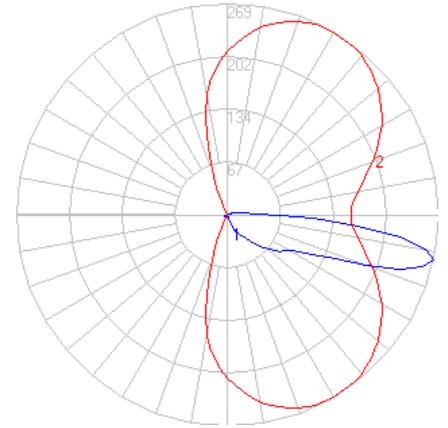


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 85015K27_BEGA_IES.ies

TEST: 85015K4
 TEST LAB: BEGA
 DATE: 9/7/2022
 LUMINAIRE: 85015K27
 LAMP: 4.9W LED



Characteristics

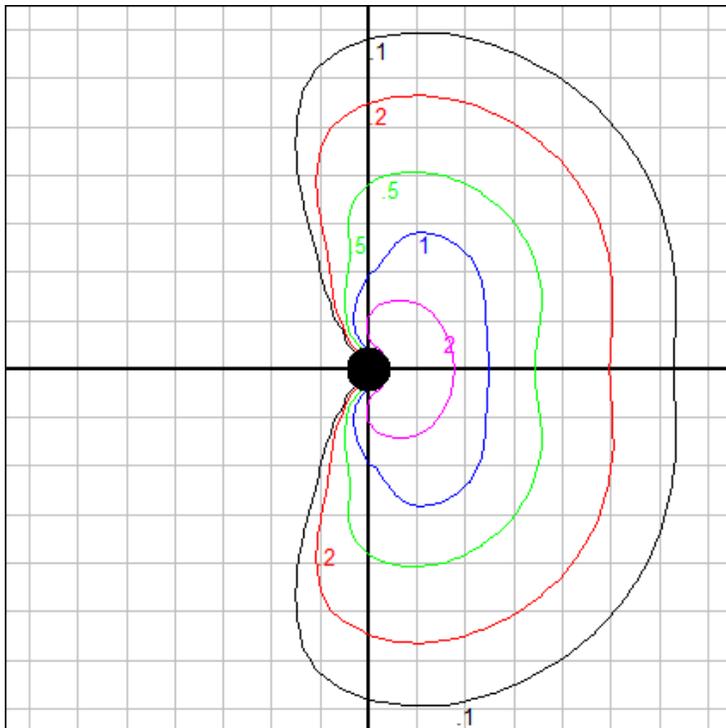
IES Classification	Type IV
Longitudinal Classification	Long
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	399
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	57
Total Luminaire Watts	7
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Max. Cd.	268.966 (300H, 77.5V)
Max. Cd. (<90 Vert.)	268.966 (300H, 77.5V)
Max. Cd. (At 90 Deg. Vert.)	66.789 (16.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	258.015 (64.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Zonal Lumen Summary

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	5.7	N.A.	1.4
FM (30-60)	74.0	N.A.	18.5
FH (60-80)	168.3	N.A.	42.2
FVH (80-90)	82.1	N.A.	20.6
BL (0-30)	0.8	N.A.	0.2
BM (30-60)	8.7	N.A.	2.2
BH (60-80)	21.7	N.A.	5.4
BVH (80-90)	13.7	N.A.	3.4
UL (90-100)	16.4	N.A.	4.1
UH (100-180)	7.5	N.A.	1.9
Total	398.9	N.A.	100.0

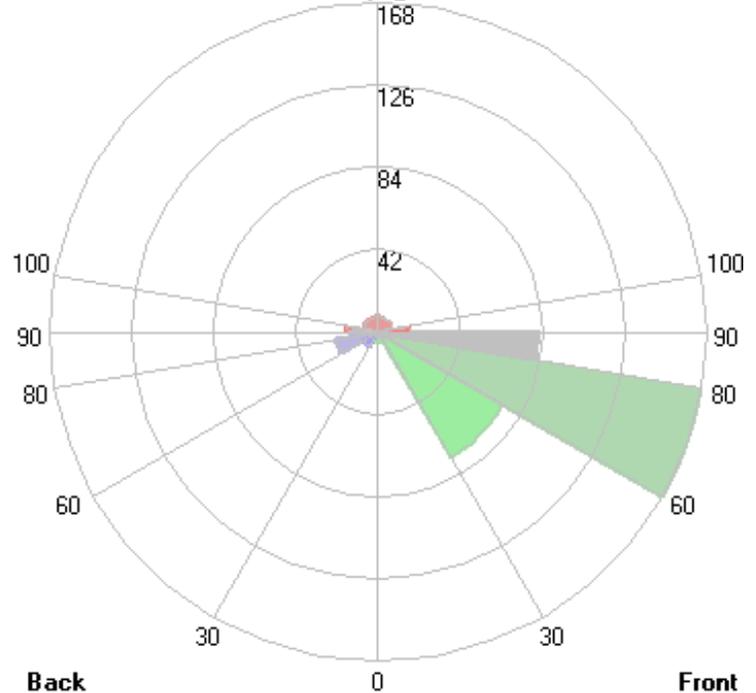
BUG Rating B0-U2-G1



Shown on tube 99620 Grid Spacing: 2.5 ft.

Luminaire Lumens

Uplight



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