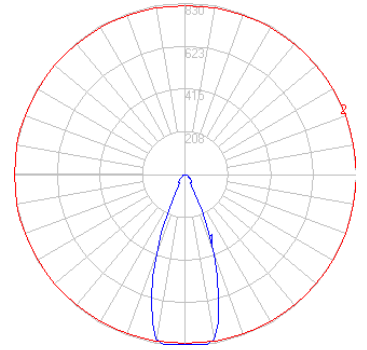


BEGA

File: 84237K4_BEGA_IES.ies

TEST: BE_84237K4_BEGA_IES
 TEST LAB: BEGA
 DATE: 02/15/2019
 LUMINAIRE: 84 237K4
 LAMP: 5.6W LED



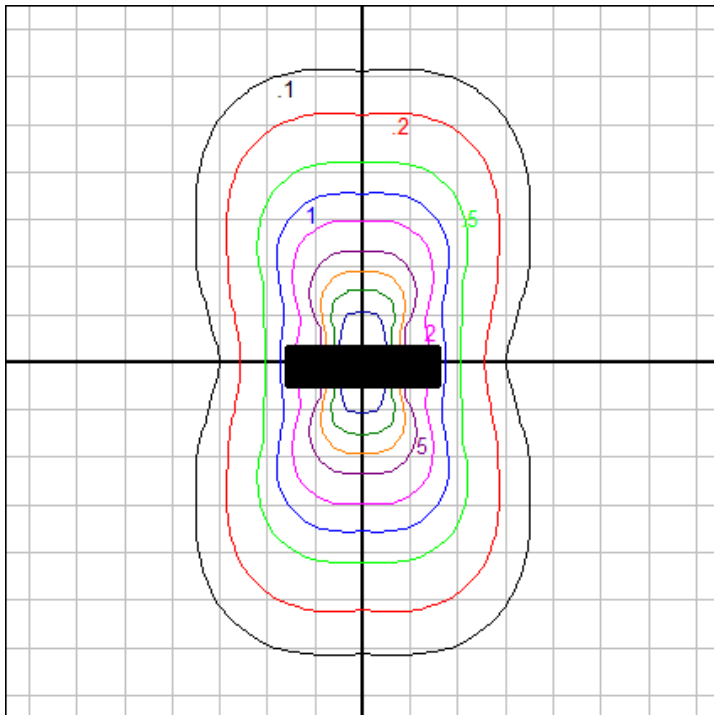
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	575
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	7.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	415 (5H, 5V)
Max. Cd. (<90 Vert.)	415 (5H, 5V)
Max. Cd. (At 90 Deg. Vert.)	9.7 (1.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	30.6 (5.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

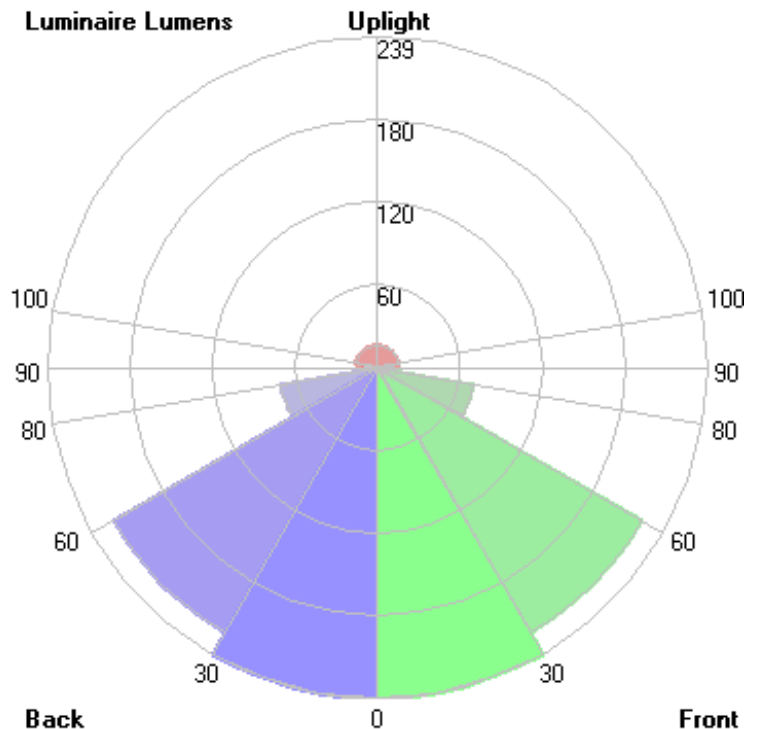
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	124.0	N.A.	21.6
FM (30-60)	114.8	N.A.	20.0
FH (60-80)	36.8	N.A.	6.4
FVH (80-90)	5.1	N.A.	0.9
BL (0-30)	124.0	N.A.	21.6
BM (30-60)	114.8	N.A.	20.0
BH (60-80)	36.8	N.A.	6.4
BVH (80-90)	5.1	N.A.	0.9
UL (90-100)	5.0	N.A.	0.9
UH (100-180)	8.2	N.A.	1.4
Total	574.6	N.A.	100.0

BUG Rating B1-U1-G0



Grid Spacing: 1.25 ft.



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

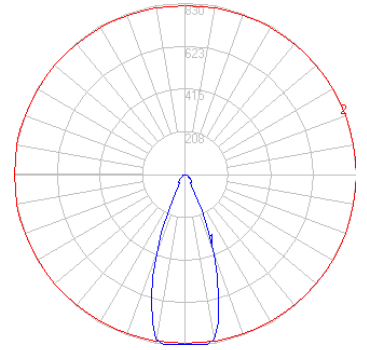
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

09/20/23

BEGA

File: 84237K35_BEGA_IES.ies

TEST: BE_84237K4_BEGA_IES
 TEST LAB: BEGA
 DATE: 02/15/2019
 LUMINAIRE: 84 237K35
 LAMP: 5.6W LED



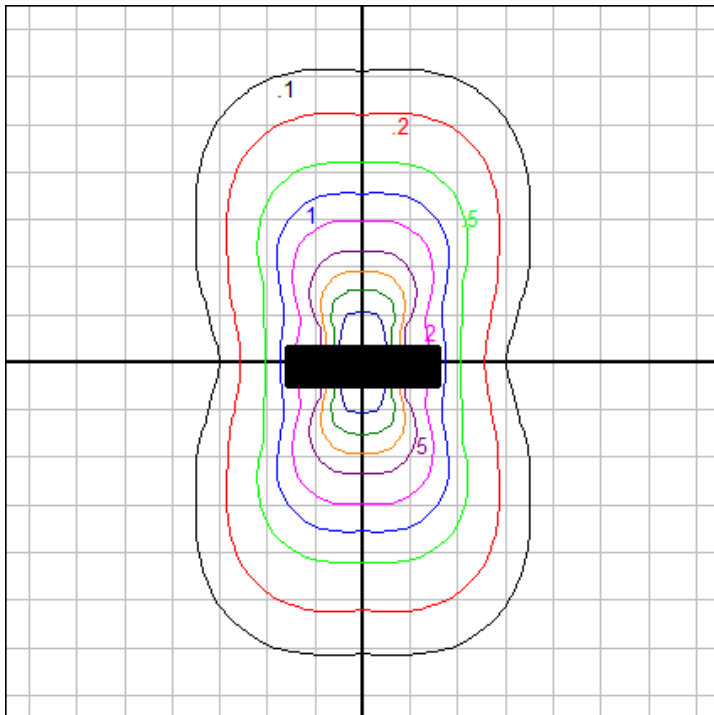
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	565
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	7.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	408 (5H, 5V)
Max. Cd. (<90 Vert.)	408 (5H, 5V)
Max. Cd. (At 90 Deg. Vert.)	9.54 (1.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	30.1 (5.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

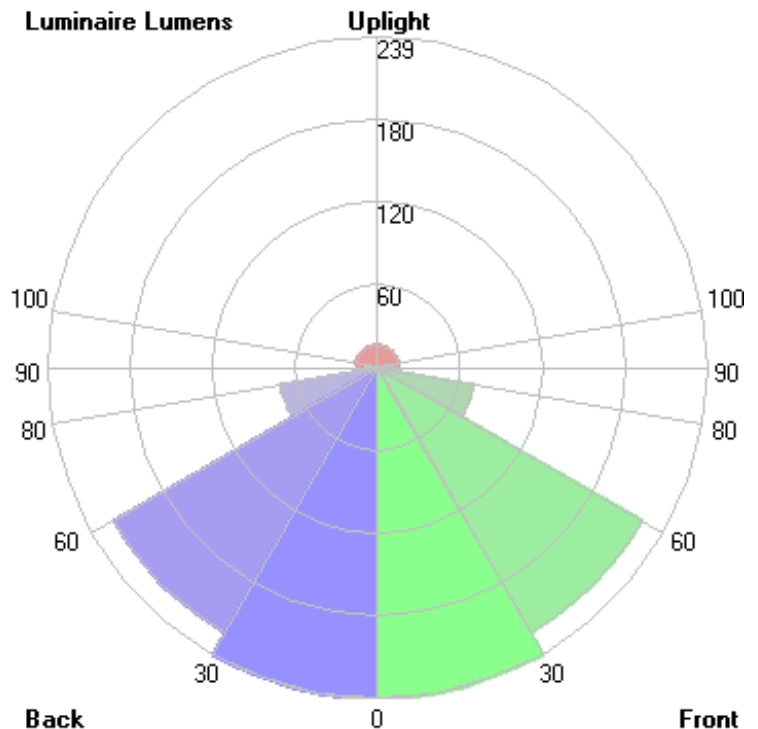
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	122.0	N.A.	21.6
FM (30-60)	112.9	N.A.	20.0
FH (60-80)	36.2	N.A.	6.4
FVH (80-90)	5.0	N.A.	0.9
BL (0-30)	122.0	N.A.	21.6
BM (30-60)	112.9	N.A.	20.0
BH (60-80)	36.2	N.A.	6.4
BVH (80-90)	5.0	N.A.	0.9
UL (90-100)	4.9	N.A.	0.9
UH (100-180)	8.9	N.A.	1.40
Total	565.1	N.A.	100.0

BUG Rating B1-U1-G0



Grid Spacing: 1.25 ft.



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

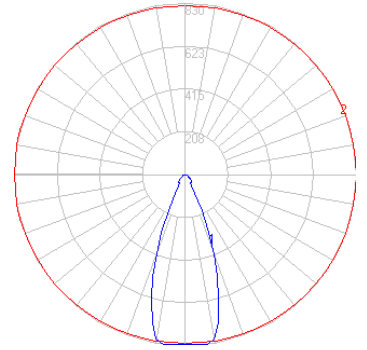
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

9/14/2023

BEGA

File: 84237K3_BEGA_IES.ies

TEST: BE_84237K4_BEGA_IES
 TEST LAB: BEGA
 DATE: 02/15/2019
 LUMINAIRE: 84 237K3
 LAMP: 5.6W LED



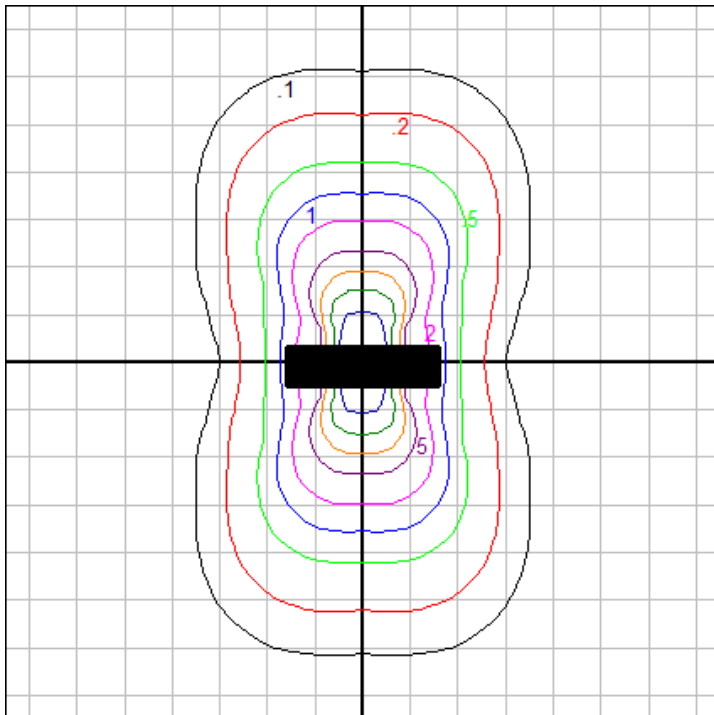
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	560
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	7.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	404.6 (5H, 5V)
Max. Cd. (<90 Vert.)	404.6 (5H, 5V)
Max. Cd. (At 90 Deg. Vert.)	9.5 (1.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	29.8 (5.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

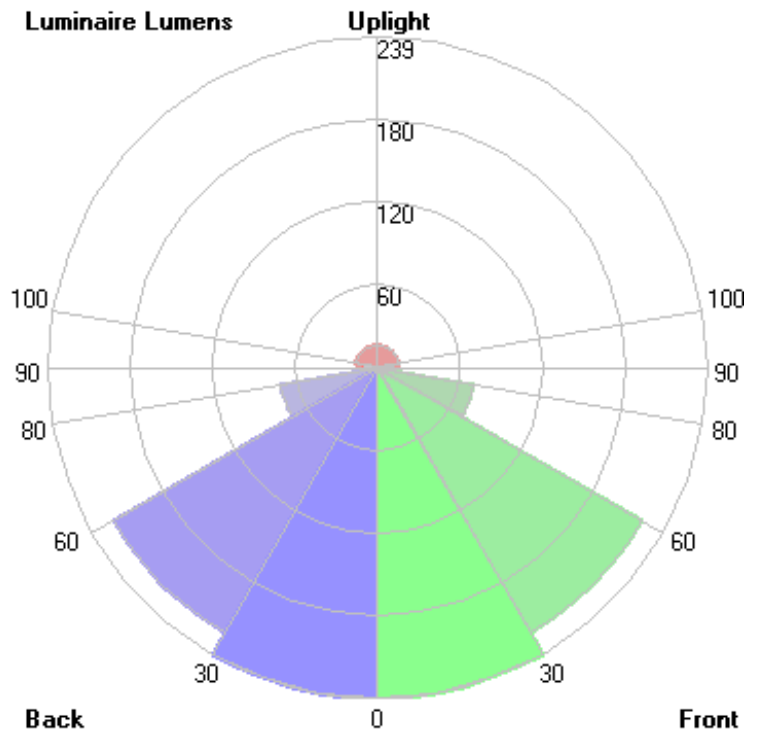
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	120.9	N.A.	21.6
FM (30-60)	111.9	N.A.	20.0
FH (60-80)	35.9	N.A.	6.4
FVH (80-90)	5.0	N.A.	0.9
BL (0-30)	120.9	N.A.	21.6
BM (30-60)	111.9	N.A.	20.0
BH (60-80)	35.9	N.A.	6.4
BVH (80-90)	5.0	N.A.	0.9
UL (90-100)	4.8	N.A.	0.9
UH (100-180)	8.0	N.A.	1.40
Total	560.2	N.A.	100.0

BUG Rating B1-U1-G0



Grid Spacing: 1.25 ft.



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

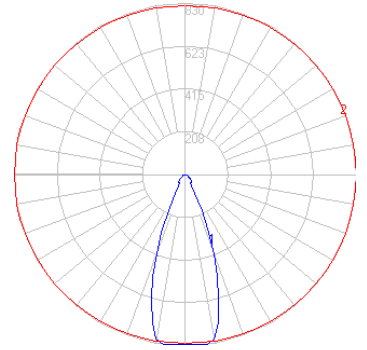
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2023

09/20/23

BEGA

File: 84237K27_BEGA_IES.ies

TEST: BE_84237K4_BEGA_IES
 TEST LAB: BEGA
 DATE: 02/15/2019
 LUMINAIRE: 84 237K27
 LAMP: 5.6W LED



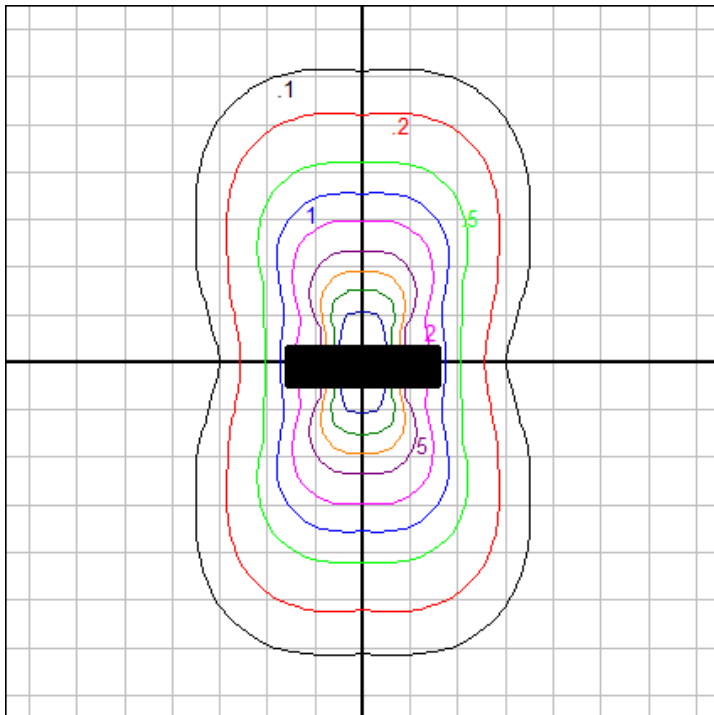
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	541
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	7.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	390.7 (5H, 5V)
Max. Cd. (<90 Vert.)	390.7 (5H, 5V)
Max. Cd. (At 90 Deg. Vert.)	9.1 (1.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	28.8 (5.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

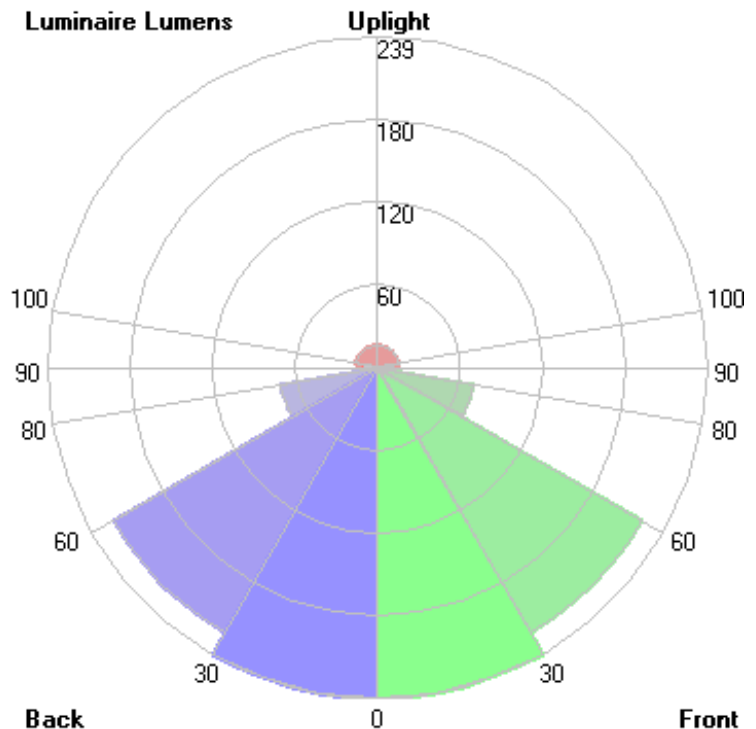
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	116.8	N.A.	21.6
FM (30-60)	108.1	N.A.	20.0
FH (60-80)	34.6	N.A.	6.4
FVH (80-90)	4.8	N.A.	0.9
BL (0-30)	116.8	N.A.	21.6
BM (30-60)	108.1	N.A.	20.0
BH (60-80)	34.6	N.A.	6.4
BVH (80-90)	4.8	N.A.	0.9
UL (90-100)	4.7	N.A.	0.9
UH (100-180)	7.7	N.A.	1.40
Total	541.0	N.A.	100.0

BUG Rating B1-U1-G0



Grid Spacing: 1.25 ft.



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 2023

09/20/23