

BEGA

File: 84577K4_BEGA_IES.ies

TEST: BE_84577K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 577K4
LAMP: 45.0W LED

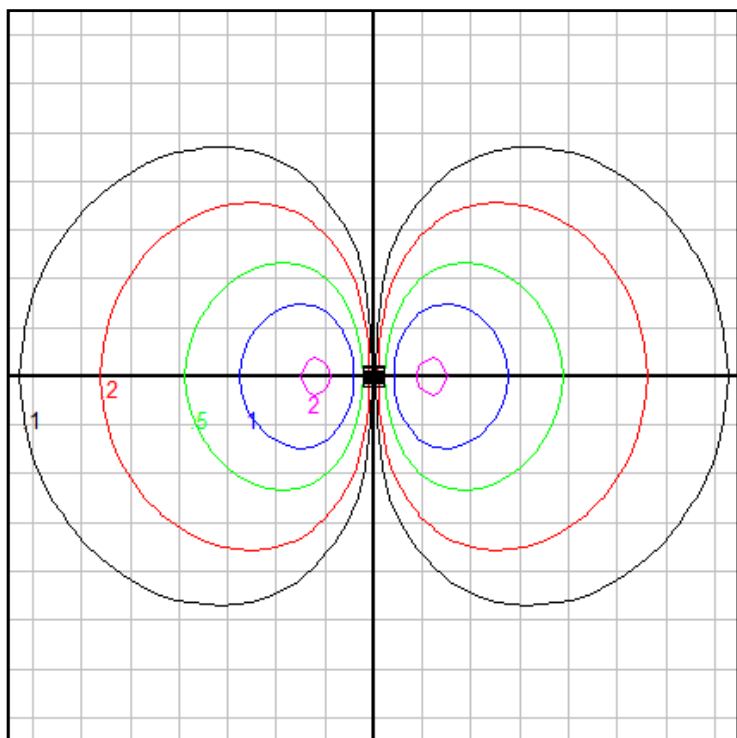
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3464
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	55
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	605.1 (90H, 90V)
Max. Cd. (<90 Vert.)	604.9 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	605.1 (17.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	604.9 (17.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

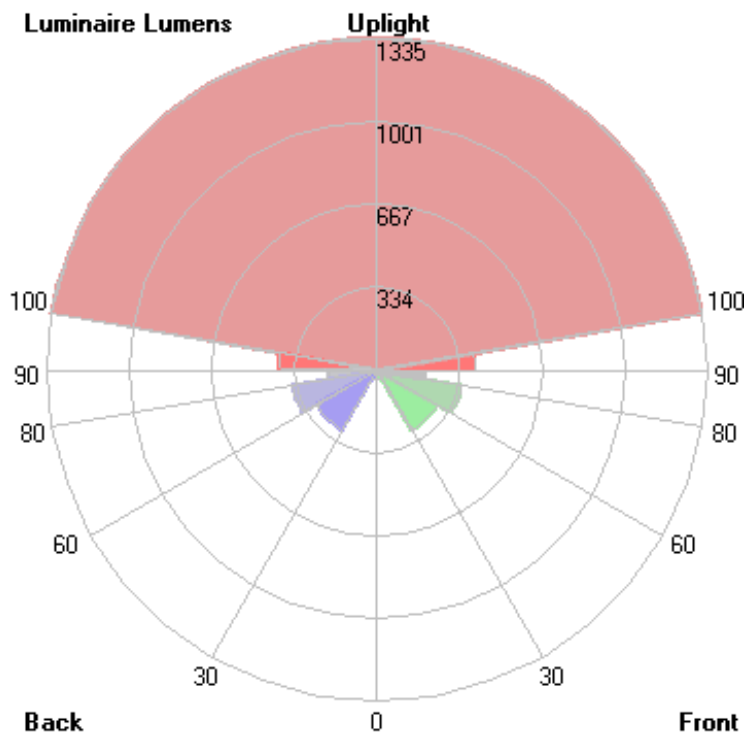
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	39.2	N.A.	1.1
FM (30-60)	281.4	N.A.	8.1
FH (60-80)	346.9	N.A.	10.0
FVH(80-90)	198.5	N.A.	5.7
BL (0-30)	39.2	N.A.	1.1
BM (30-60)	281.4	N.A.	8.1
BH (60-80)	346.9	N.A.	10.0
BVH(80-90)	198.5	N.A.	5.7
UL (90-100)	397.0	N.A.	11.5
UH (100-180)	1335.0	N.A.	38.5
Total	3464.0	N.A.	100.0

BUG Rating B1-U5-G2



Grid Spacing: 5 ft.



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

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File: 84577K35_BEGA_IES.ies

TEST: BE_84577K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 577K35
LAMP: 45.0W LED

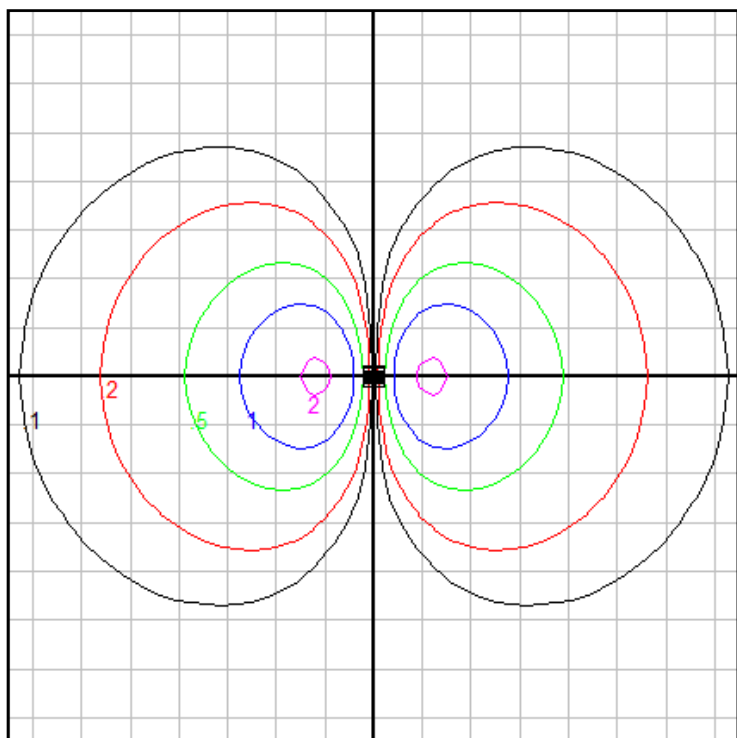
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3343
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	55
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	583.921 (90H, 90V)
Max. Cd. (<90 Vert.)	583.728 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	583.921 (17.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	583.728 (17.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

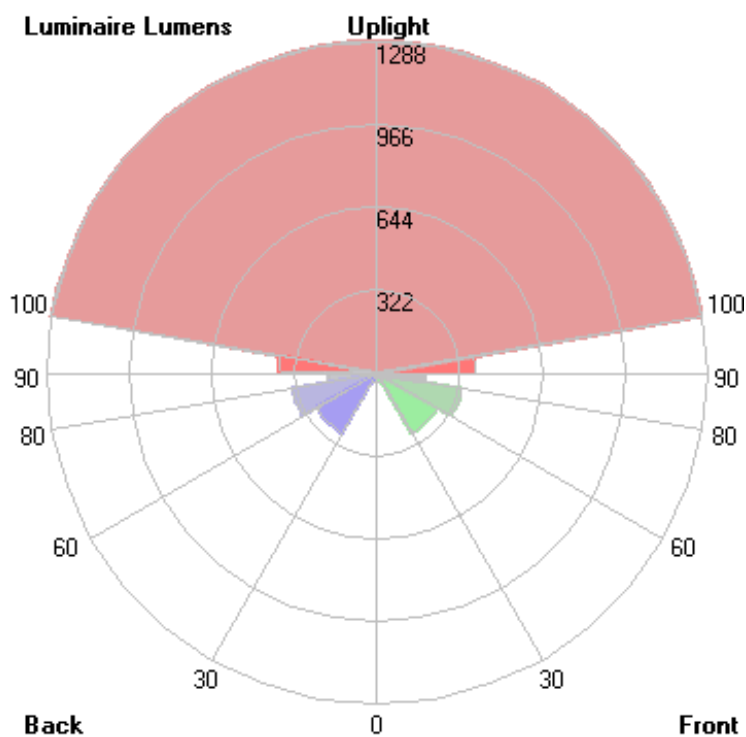
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	37.8	N.A.	1.1
FM (30-60)	271.5	N.A.	8.1
FH (60-80)	334.8	N.A.	10.0
FVH(80-90)	191.6	N.A.	5.7
BL (0-30)	37.8	N.A.	1.1
BM (30-60)	271.5	N.A.	8.1
BH (60-80)	334.8	N.A.	10.0
BVH(80-90)	191.6	N.A.	5.7
UL (90-100)	383.1	N.A.	11.5
UH (100-180)	1288.2	N.A.	38.5
Total	3342.7	N.A.	100.0

BUG Rating B1-U5-G2



Grid Spacing: 5 ft.



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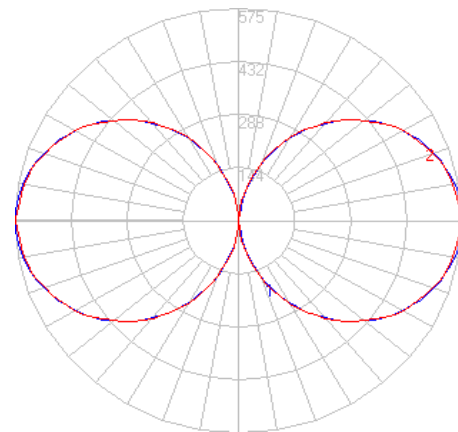
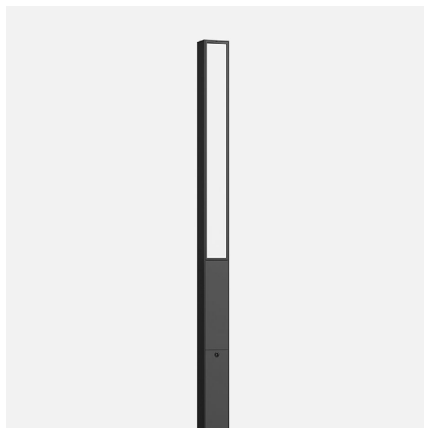
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File: 84577K3_BEGA_IES.ies

TEST: BE_84577K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 577K3
LAMP: 45.0W LED



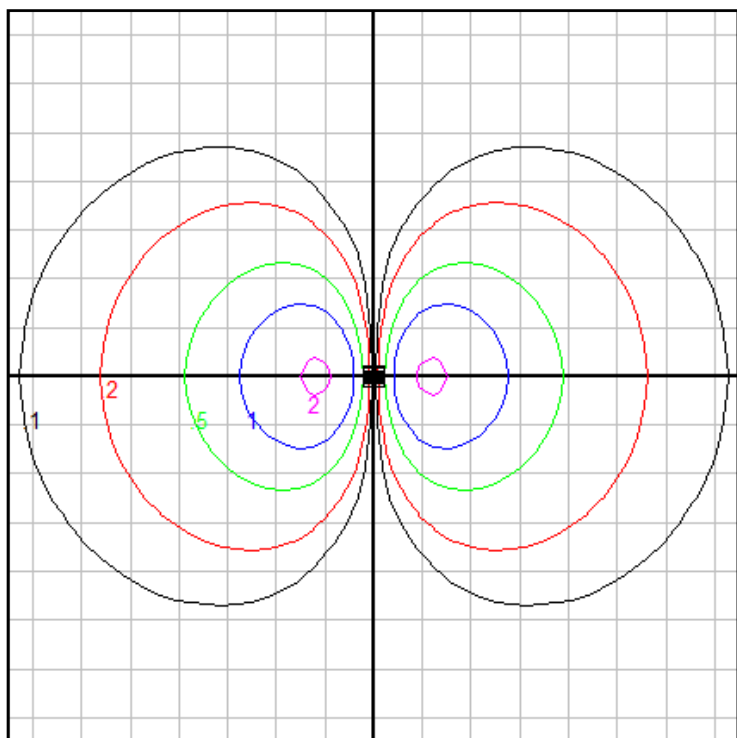
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3294
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	60
Total Luminaire Watts	55
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	575.45 (90H, 90V)
Max. Cd. (<90 Vert.)	575.26 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	575.45 (17.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	575.26 (17.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

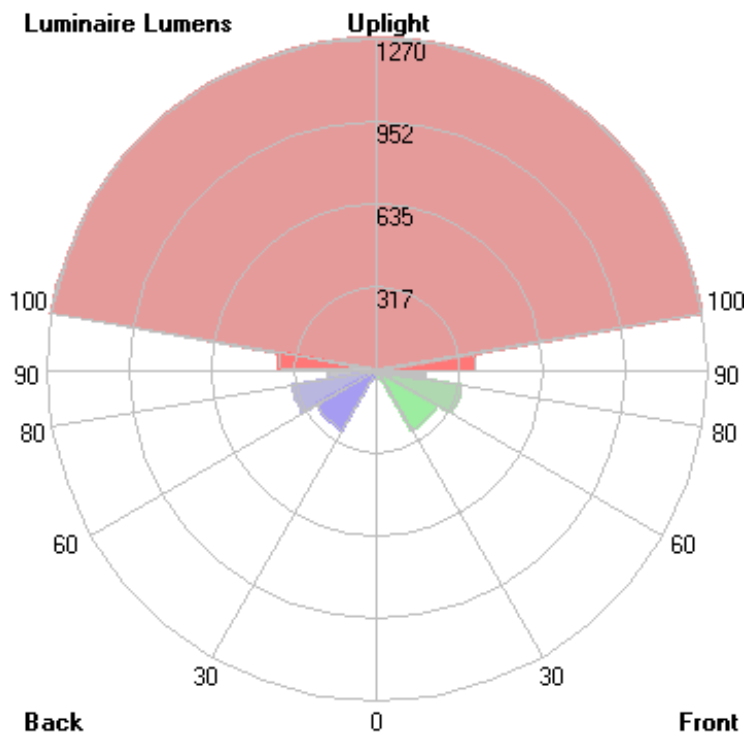
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	37.3	N.A.	1.1
FM (30-60)	267.6	N.A.	8.1
FH (60-80)	329.9	N.A.	10.0
FVH(80-90)	188.8	N.A.	5.7
BL (0-30)	37.3	N.A.	1.1
BM (30-60)	267.6	N.A.	8.1
BH (60-80)	329.9	N.A.	10.0
BVH(80-90)	188.8	N.A.	5.7
UL (90-100)	377.6	N.A.	11.5
UH (100-180)	1269.5	N.A.	38.5
Total	3294.3	N.A.	100.0

BUG Rating B1-U5-G2



Grid Spacing: 5 ft.



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File: 84577K27_BEGA_IES.ies

TEST: BE_84577K4
TEST LAB: BEGA
DATE: 9/3/2020
LUMINAIRE: 84 577K27
LAMP: 45.0W LED

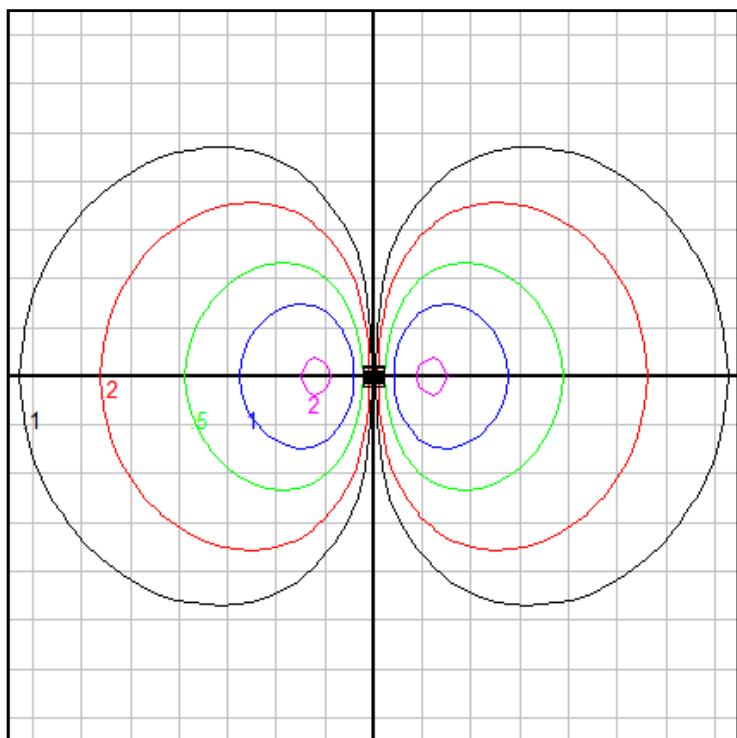
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3201
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	58
Total Luminaire Watts	55
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	559.112 (90H, 90V)
Max. Cd. (<90 Vert.)	558.928 (90H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	559.112 (17.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	558.928 (17.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

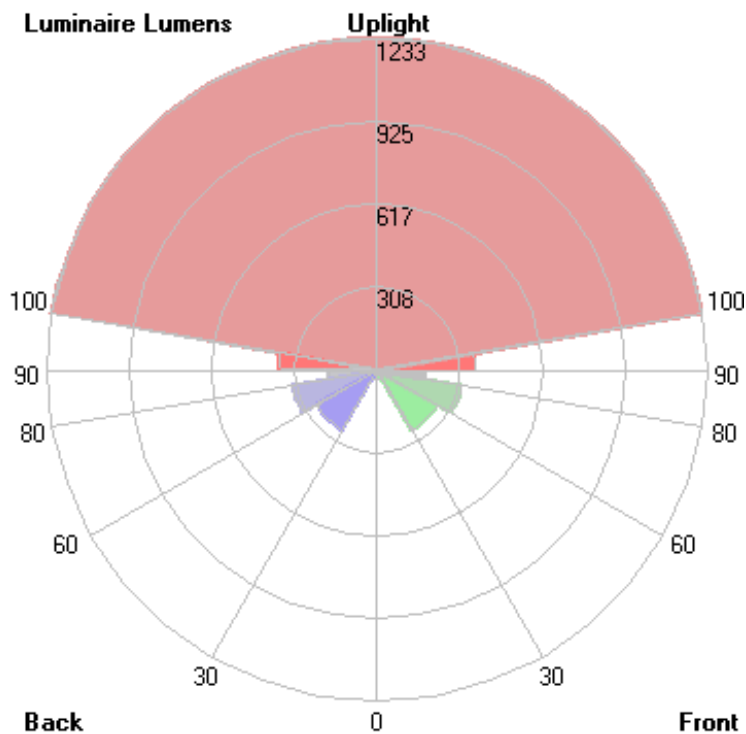
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	36.2	N.A.	1.1
FM (30-60)	260.0	N.A.	8.1
FH (60-80)	320.5	N.A.	10.0
FVH(80-90)	183.4	N.A.	5.7
BL (0-30)	36.2	N.A.	1.1
BM (30-60)	260.0	N.A.	8.1
BH (60-80)	320.5	N.A.	10.0
BVH(80-90)	183.4	N.A.	5.7
UL (90-100)	366.9	N.A.	11.5
UH (100-180)	1233.5	N.A.	38.5
Total	3200.6	N.A.	100.0

BUG Rating B1-U5-G2



Grid Spacing: 5 ft.



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