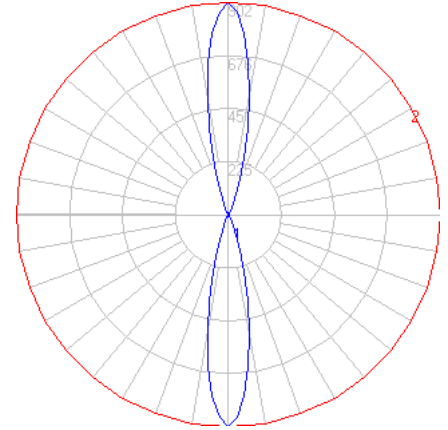


BEGA

File: 24517K4_BEGA_IES.ies

TEST: BE_24517K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 517K4
LAMP: 7.8W LED



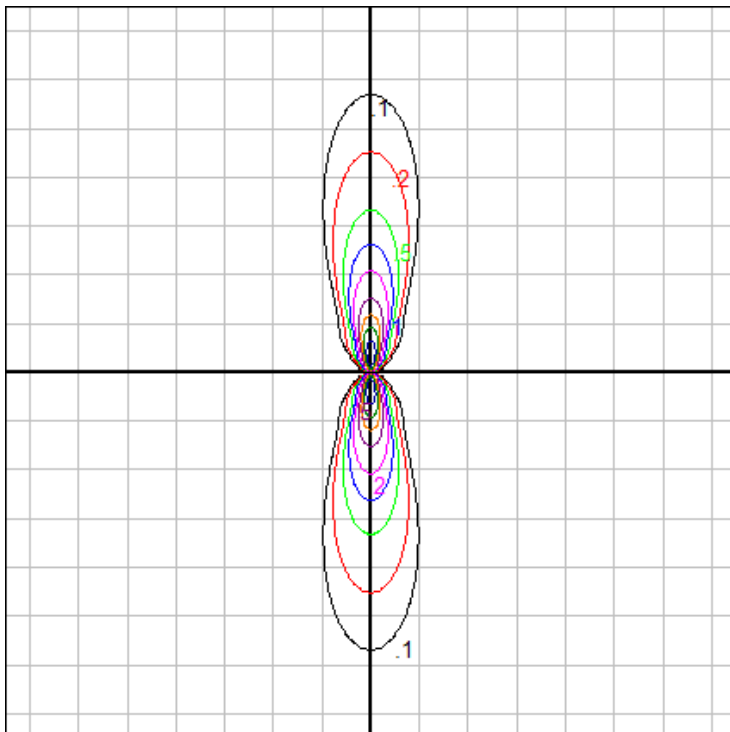
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	323
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	27
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	901.702 (0H, 180V)
Max. Cd. (<90 Vert.)	901.702 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

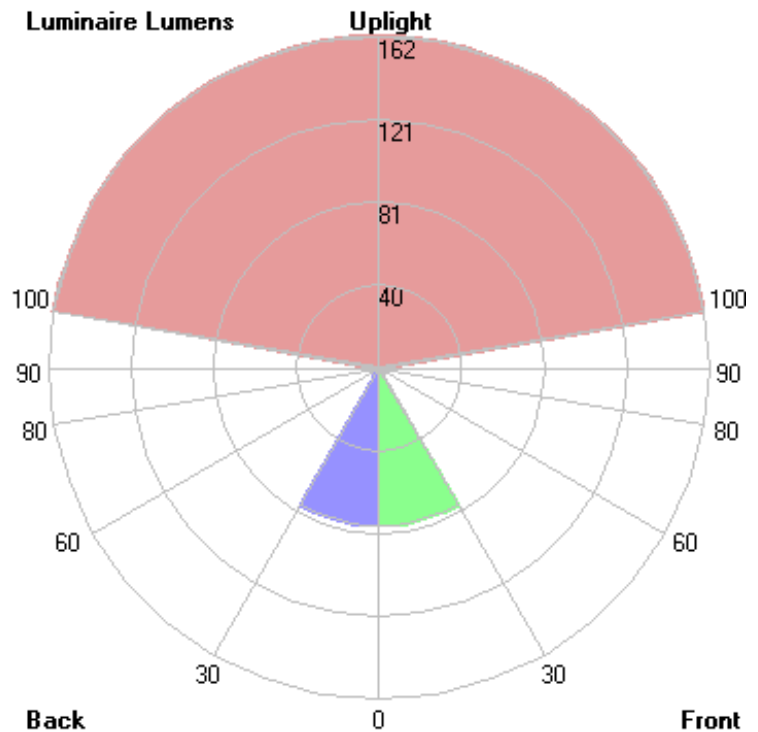
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	76.9	N.A.	23.8
FM (30-60)	3.8	N.A.	1.2
FH (60-80)	0.1	N.A.	0.0
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	76.9	N.A.	23.8
BM (30-60)	3.8	N.A.	1.2
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	161.5	N.A.	50.0
Total	323.1	N.A.	100.0

BUG Rating B0-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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

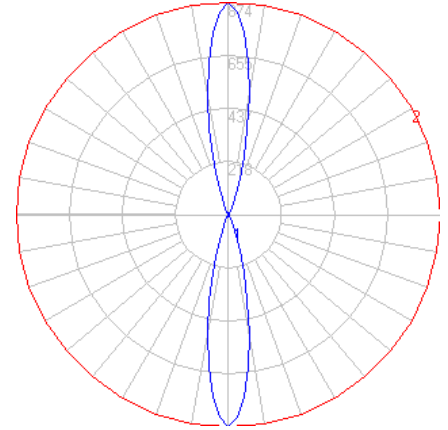
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BEGA

File: 24517K35_BEGA_IES.ies

TEST: BE_24517K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 517K35
LAMP: 7.8W LED



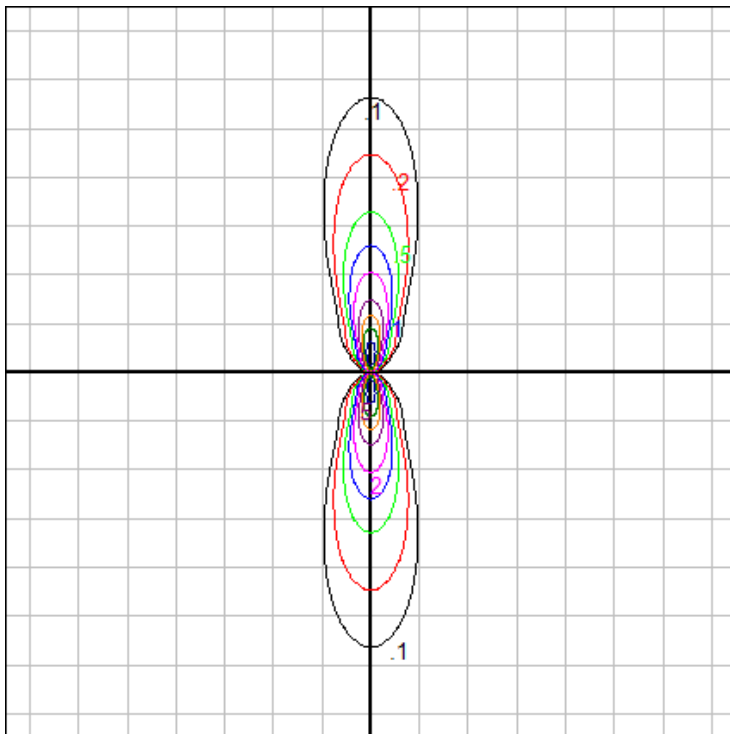
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	313
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	26
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	873.576 (0H, 180V)
Max. Cd. (<90 Vert.)	873.576 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

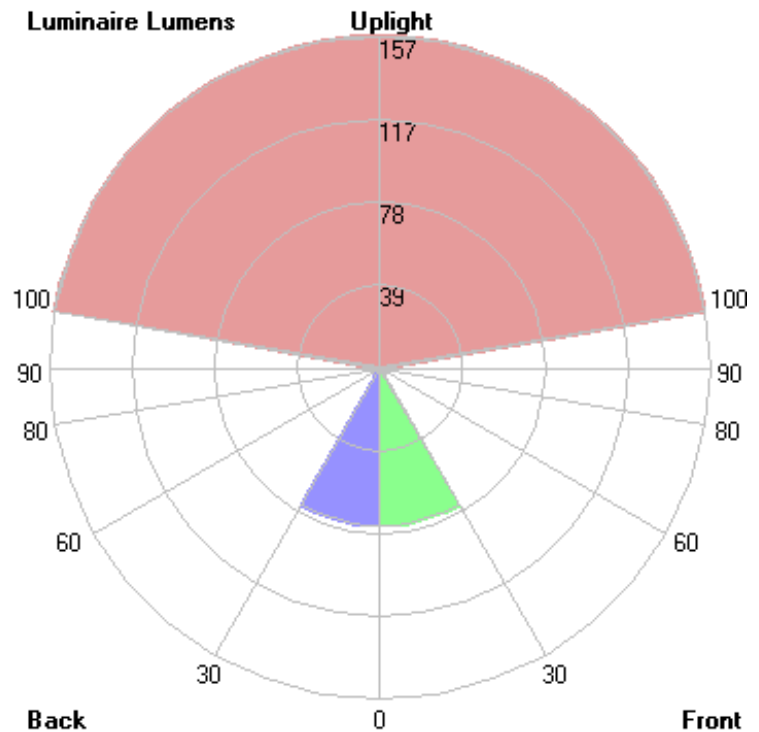
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	74.5	N.A.	23.8
FM (30-60)	3.6	N.A.	1.2
FH (60-80)	0.1	N.A.	0.0
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	74.5	N.A.	23.8
BM (30-60)	3.6	N.A.	1.2
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	156.5	N.A.	50.0
Total	312.9	N.A.	100.0

BUG Rating B0-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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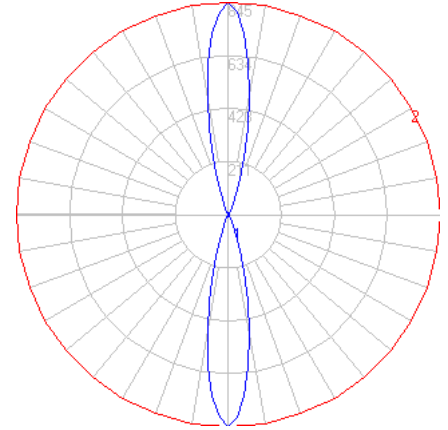
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File: 24517K3_BEGA_IES.ies

TEST: BE_24517K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 517K3
LAMP: 7.8W LED



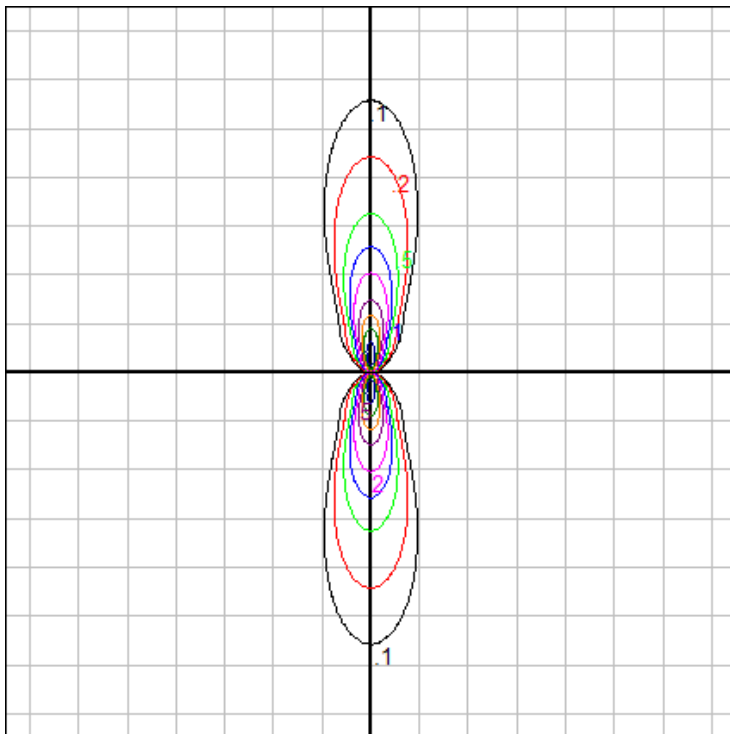
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	303
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	25
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	845.339 (0H, 180V)
Max. Cd. (<90 Vert.)	845.339 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

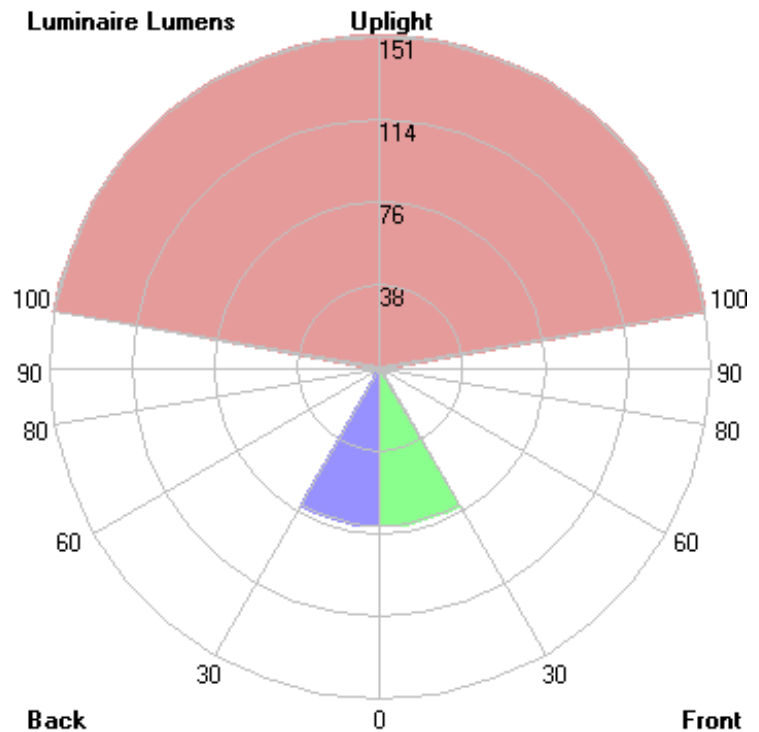
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	72.1	N.A.	23.8
FM (30-60)	3.5	N.A.	1.2
FH (60-80)	0.1	N.A.	0.0
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	72.1	N.A.	23.8
BM (30-60)	3.5	N.A.	1.2
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	151.4	N.A.	50.0
Total	302.8	N.A.	100.0

BUG Rating B0-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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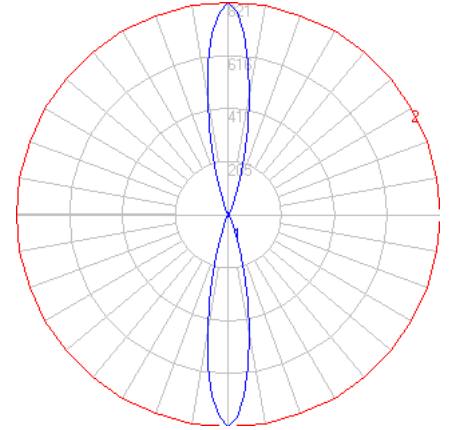
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BEGA

File: 24517K27_BEGA_IES.ies

TEST: BE_24517K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 517K27
LAMP: 7.8W LED



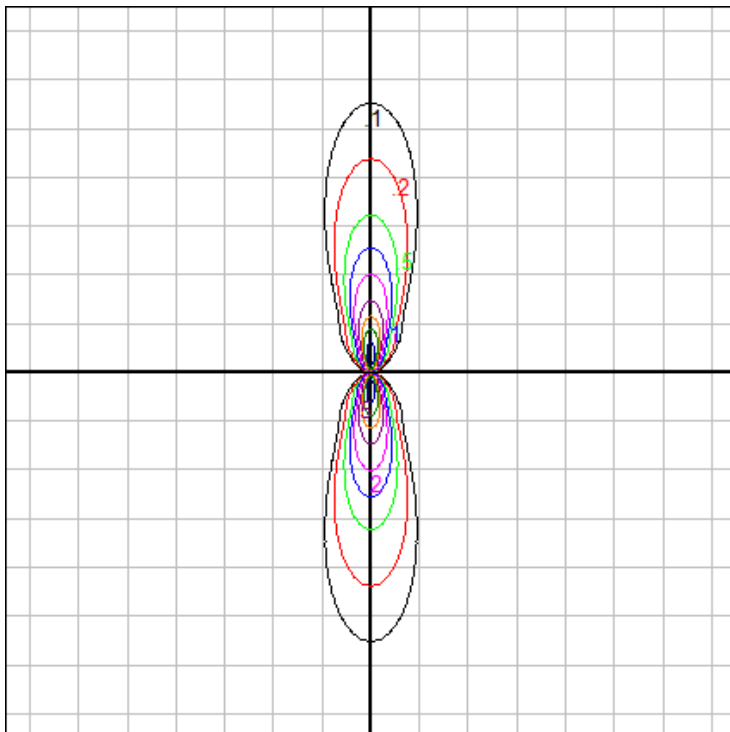
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	294
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	25
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	821.183 (0H, 180V)
Max. Cd. (<90 Vert.)	821.183 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	0 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

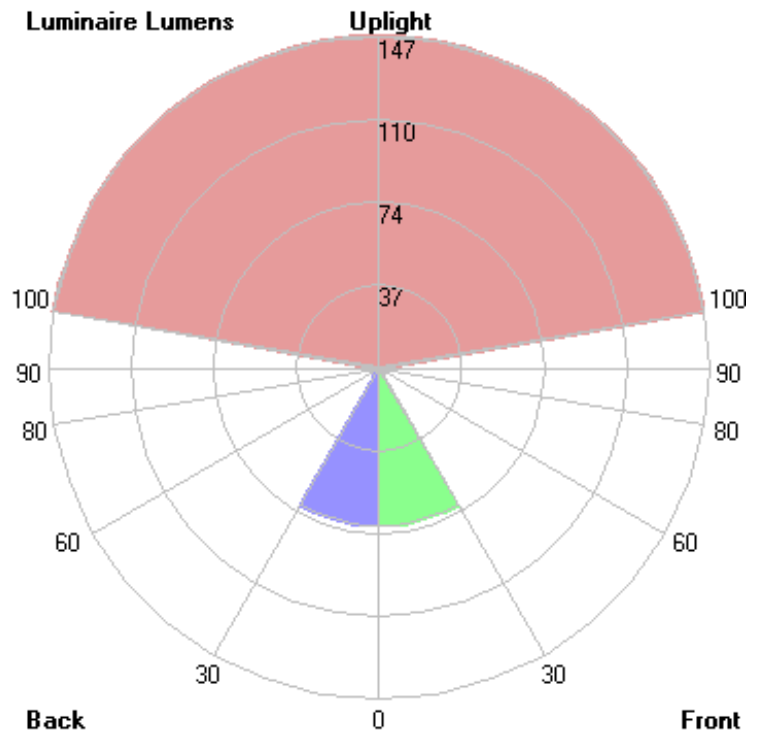
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	70.0	N.A.	23.8
FM (30-60)	3.4	N.A.	1.2
FH (60-80)	0.1	N.A.	0.0
FVH(80-90)	0.0	N.A.	0.0
BL (0-30)	70.0	N.A.	23.8
BM (30-60)	3.4	N.A.	1.2
BH (60-80)	0.1	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	147.1	N.A.	50.0
Total	294.1	N.A.	100.0

BUG Rating B0-U3-G0



Isofootcandle grid on wall

Grid Spacing: 2 ft.



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