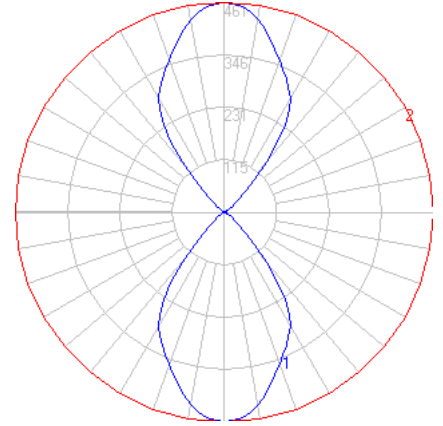


BEGA

File: 24518K4_BEGA_IES.ies

TEST: BE_24518K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 518K4
LAMP: 7.8W LED



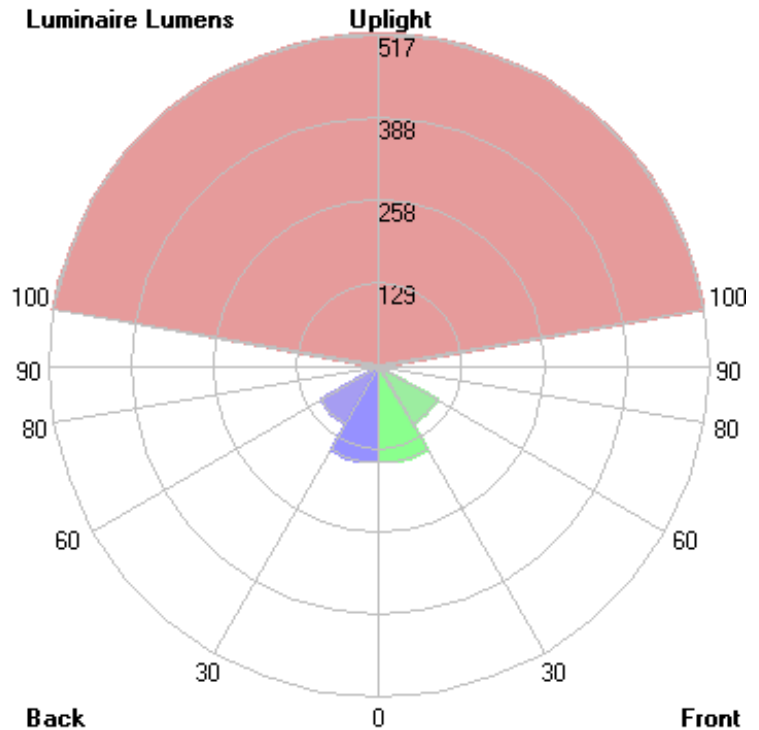
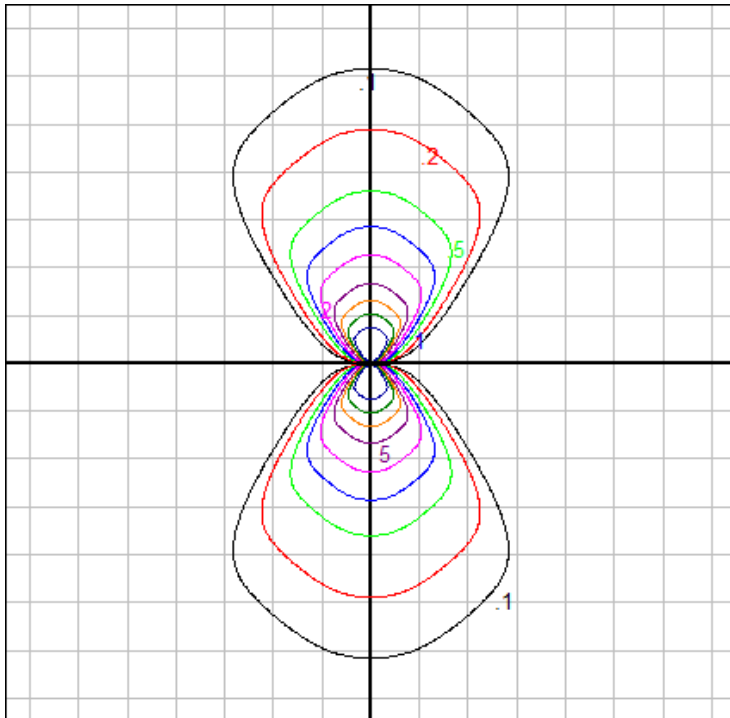
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1034
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	461.1 (0H, 180V)
Max. Cd. (<90 Vert.)	461.1 (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)	150.9	N.A.	14.6
FM (30-60)	105.0	N.A.	10.1
FH (60-80)	2.6	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	150.9	N.A.	14.6
BM (30-60)	105	N.A.	10.1
BH (60-80)	2.6	N.A.	0.3
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	516.9	N.A.	50.0
Total	1034.2	N.A.	100.0

BUG Rating B1-U4-G0



Isofootcandle grid on wall

Grid Spacing: 1.5 ft.

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

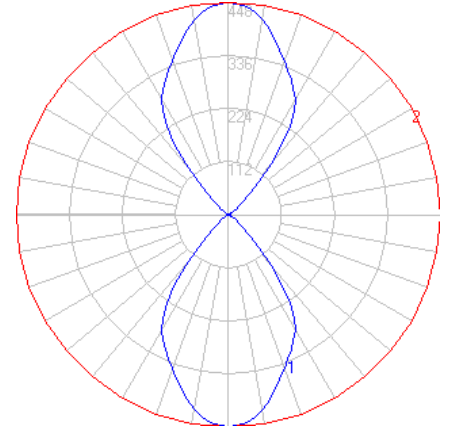
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BEGA

File: 24518K35_BEGA_IES.ies

TEST: BE_24518K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 518K35
LAMP: 7.8W LED



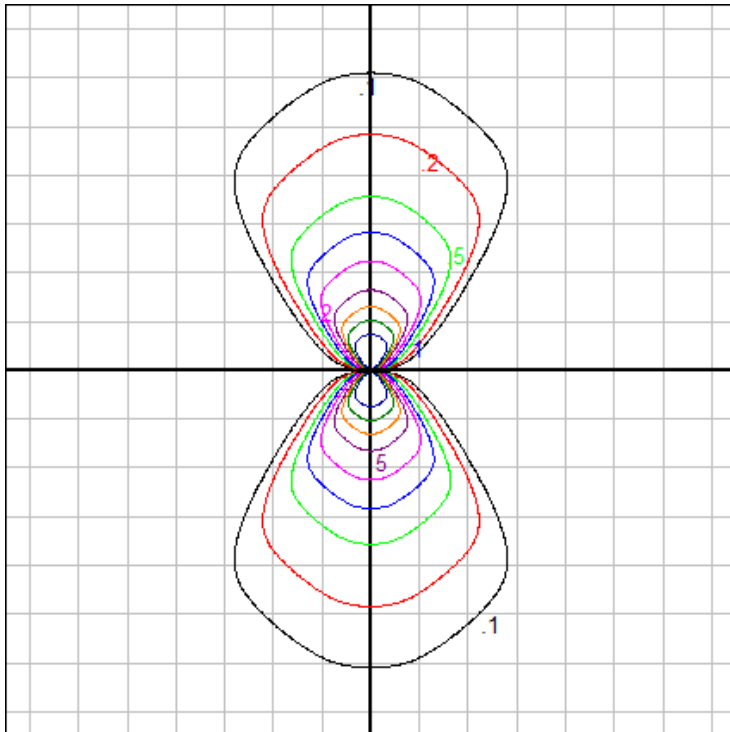
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1004
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	447.636 (0H, 180V)
Max. Cd. (<90 Vert.)	447.636 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.388 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

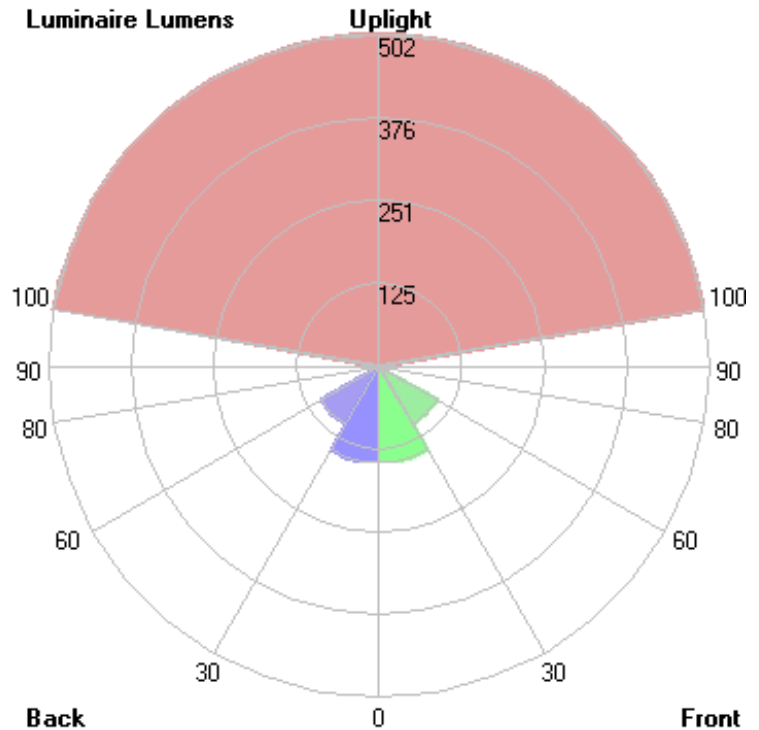
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	146.5	N.A.	14.6
FM (30-60)	101.9	N.A.	10.2
FH (60-80)	2.5	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	146.5	N.A.	14.6
BM (30-60)	101.9	N.A.	10.2
BH (60-80)	2.5	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	501.8	N.A.	50.0
Total	1003.9	N.A.	100.0

BUG Rating B1-U4-G0



Isofootcandle grid on wall

Grid Spacing: 1.5 ft.



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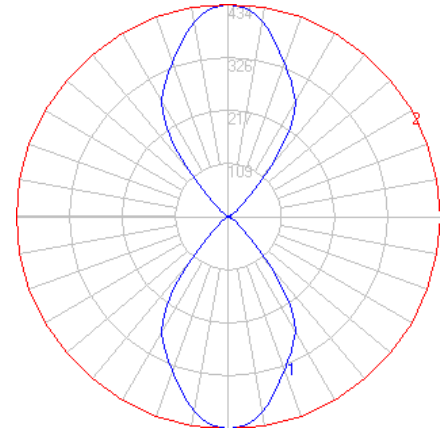
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File: 24518K3_BEGA_IES.ies

TEST: BE_24518K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 518K3
LAMP: 7.8W LED



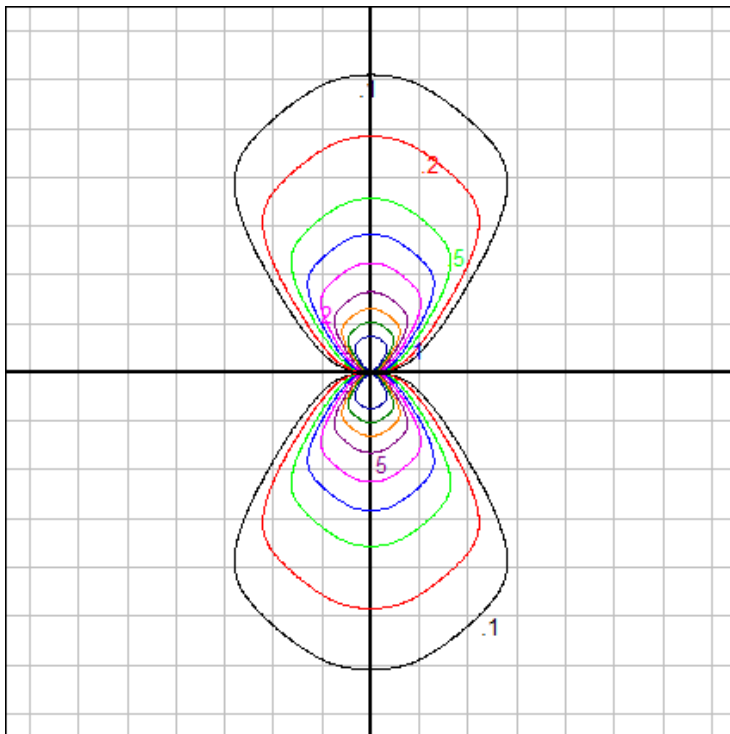
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	974
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	434.172 (0H, 180V)
Max. Cd. (<90 Vert.)	434.172 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.377 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

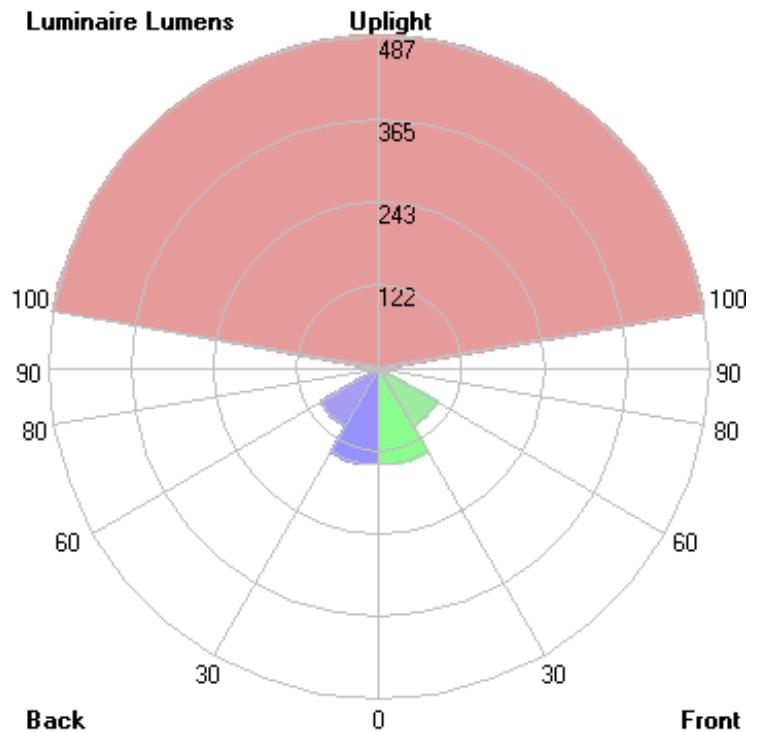
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	142.1	N.A.	14.6
FM (30-60)	98.8	N.A.	10.2
FH (60-80)	2.4	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	142.1	N.A.	14.6
BM (30-60)	98.8	N.A.	10.2
BH (60-80)	2.4	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	486.7	N.A.	50.0
Total	973.6	N.A.	100.0

BUG Rating B1-U3-G0



Isofootcandle grid on wall

Grid Spacing: 1.5 ft.



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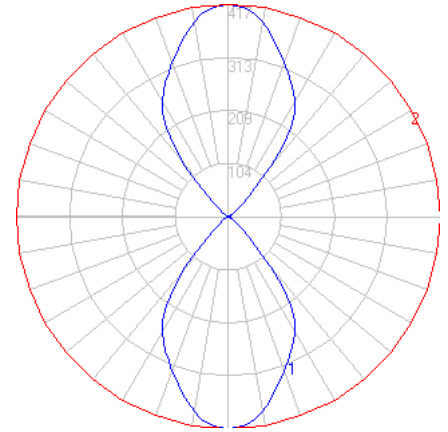
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BEGA

File: 24518K27_BEGA_IES.ies

TEST: BE_24518K4
TEST LAB: BEGA
DATE: 12/03/2020
LUMINAIRE: 24 518K27
LAMP: 7.8W LED



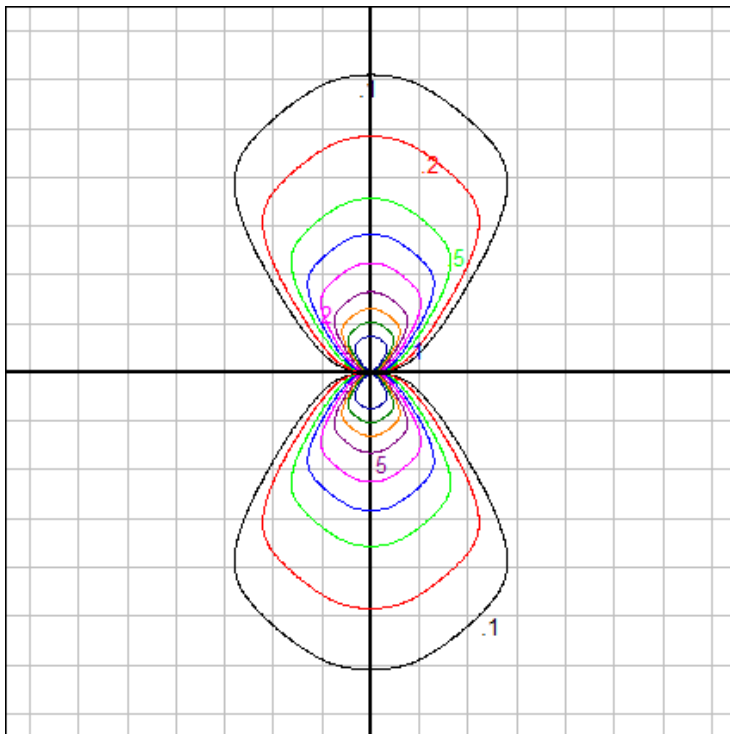
Characteristics

ES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	936
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	12
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	417.295 (0H, 180V)
Max. Cd. (<90 Vert.)	417.295 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.362 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

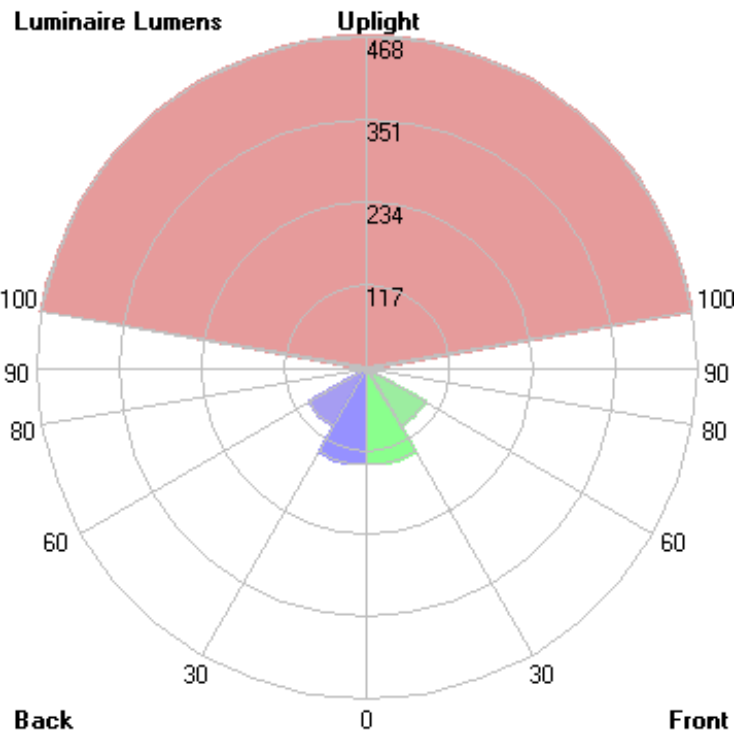
LCS Zone	Lumens	%Lamp	%Lum
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	136.6	N.A.	14.6
FM (30-60)	95.0	N.A.	10.1
FH (60-80)	2.4	N.A.	0.3
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	136.6	N.A.	14.6
BM (30-60)	95.0	N.A.	10.1
BH (60-80)	2.4	N.A.	0.3
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	467.8	N.A.	50.0
Total	936.1	N.A.	100.0

BUG Rating B1-U3-G0



Isofootcandle grid on wall

Grid Spacing: 1.5 ft.



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