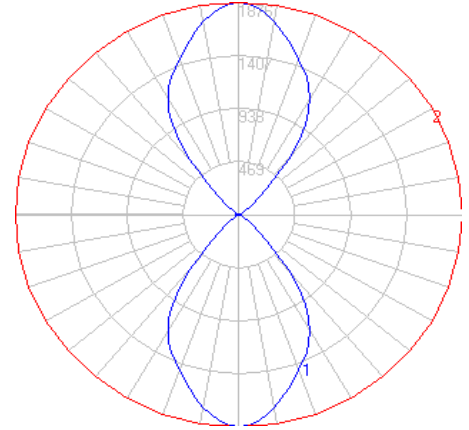


BEGA

File: 24481K4.ies

TEST: BE_24481K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 481K4
LAMP: 35.4W LED



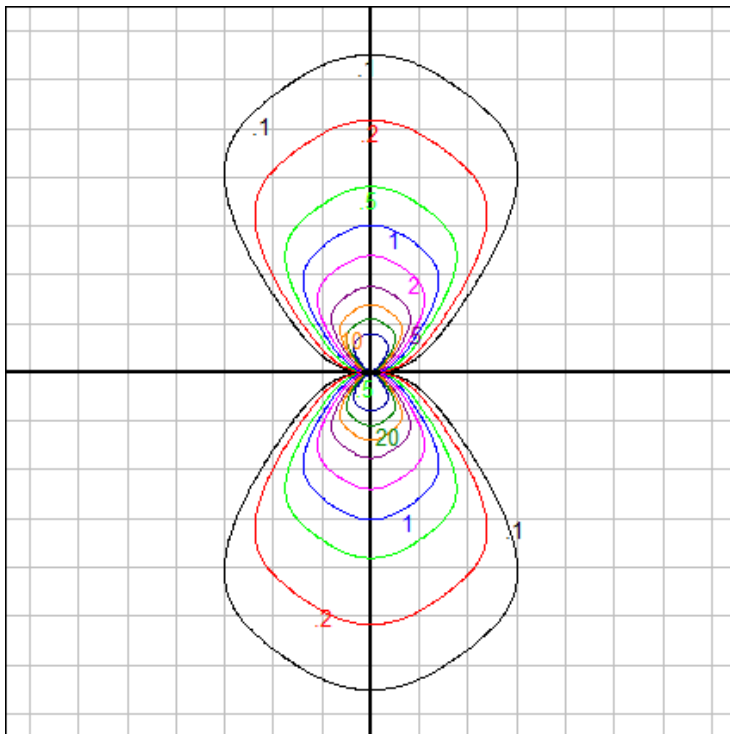
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4368
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1876 (0H, 180V)
Max. Cd. (<90 Vert.)	1876 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	2 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

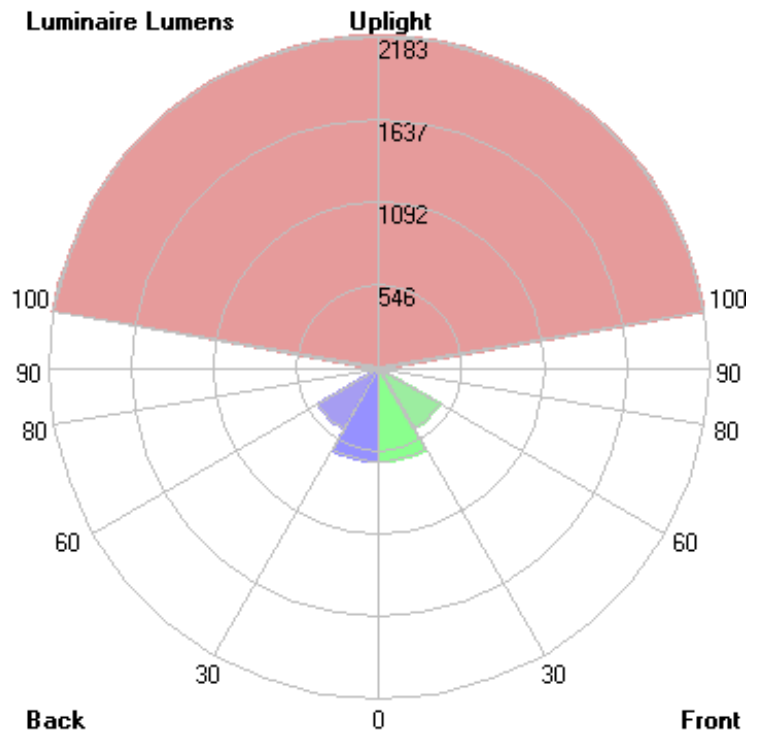
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	616.8	N.A.	14.1
FM (30-60)	462.2	N.A.	10.6
FH (60-80)	12.6	N.A.	0.3
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	616.8	N.A.	14.1
BM (30-60)	462.2	N.A.	10.6
BH (60-80)	12.6	N.A.	0.3
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.7	N.A.	0.0
UH (100-180)	2183.1	N.A.	50.0
Total	4367.8	N.A.	100.0

BUG Rating B2-U5-G0



Isofootcandle diagram on wall | Grid Spacing: 3 ft.



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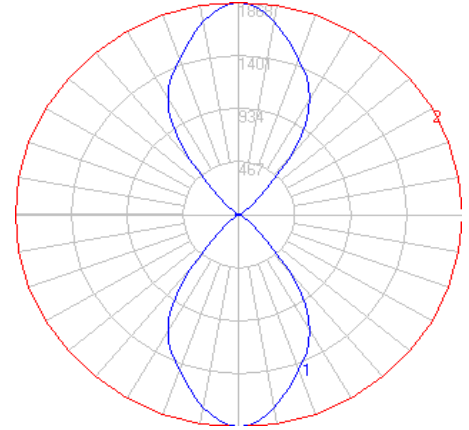
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File: 24481K35.ies

TEST: BE_24481K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 481K35
LAMP: 35.4W LED



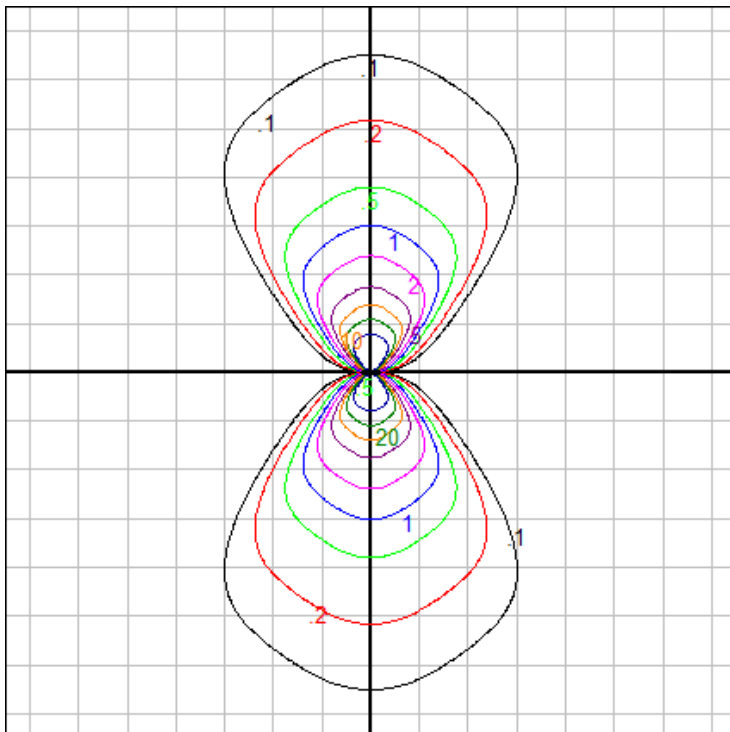
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4350
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1868.496 (0H, 180V)
Max. Cd. (<90 Vert.)	1868.496 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.992 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

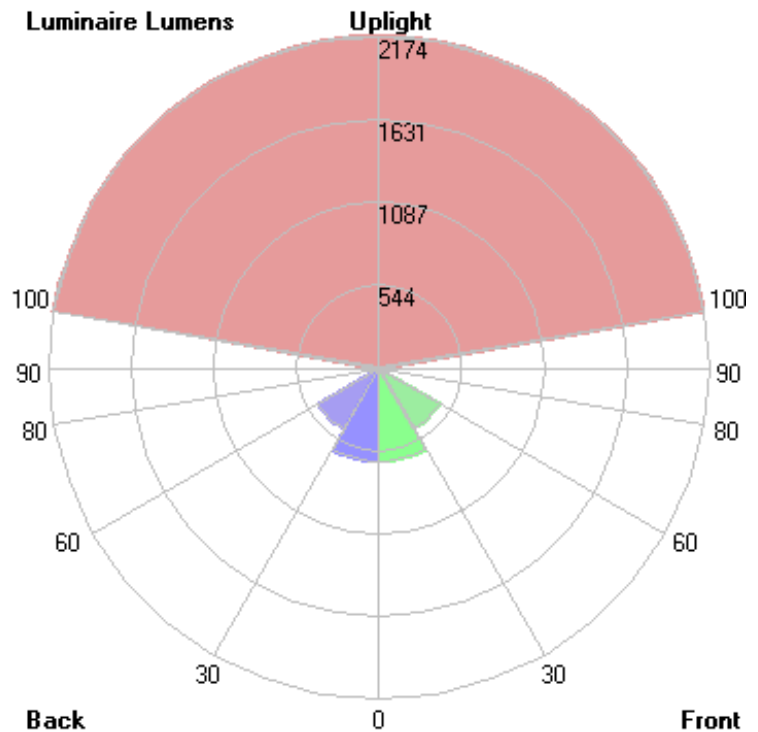
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	614.3	N.A.	14.1
FM (30-60)	460.4	N.A.	10.6
FH (60-80)	12.5	N.A.	0.3
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	614.3	N.A.	14.1
BM (30-60)	460.4	N.A.	10.6
BH (60-80)	12.5	N.A.	0.3
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.7	N.A.	0.0
UH (100-180)	2174.3	N.A.	50.0
Total	4350.2	N.A.	100.0

BUG Rating B2-U5-G0



Isofootcandle diagram on wall | Grid Spacing: 3 ft.



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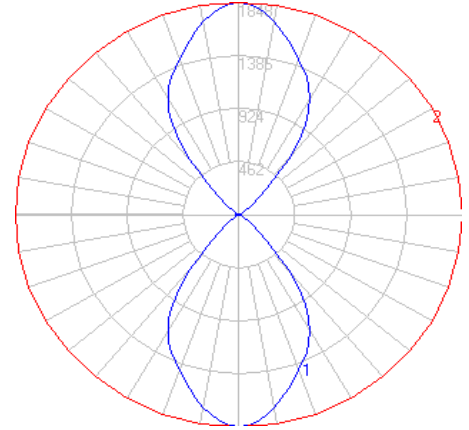
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File: 24481K3.ies

TEST: BE_24481K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 481K3
LAMP: 35.4W LED



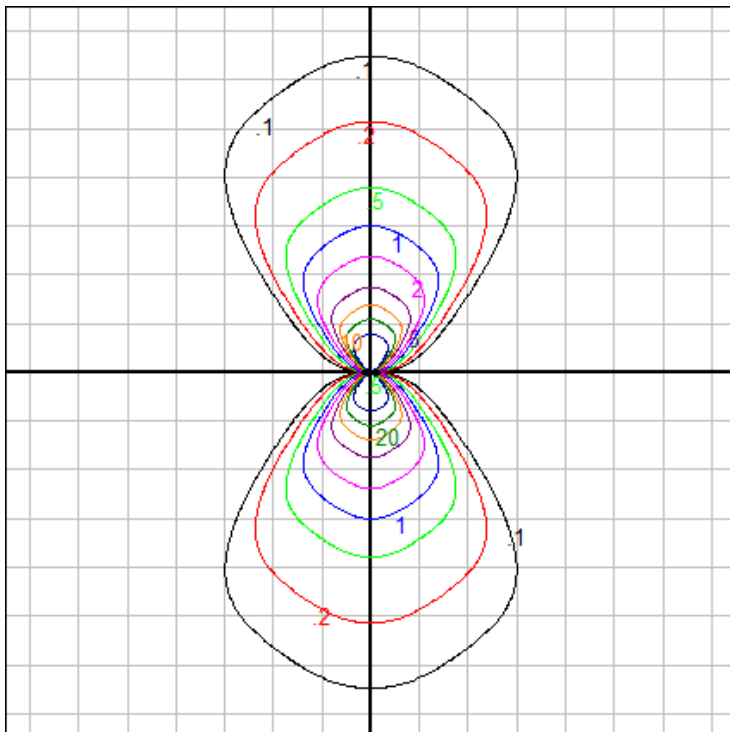
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4302
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1847.86 (0H, 180V)
Max. Cd. (<90 Vert.)	1847.86 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.97 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

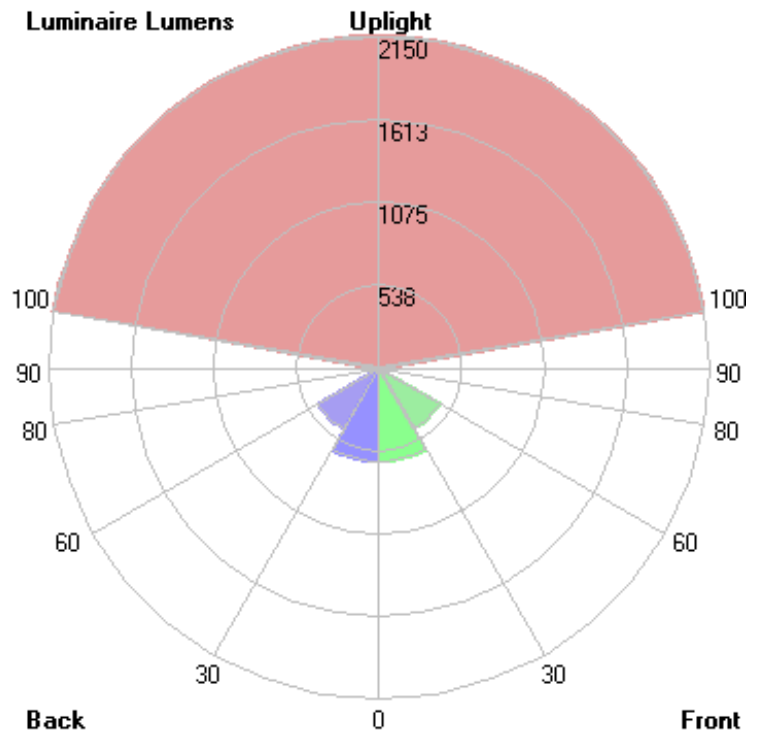
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	607.5	N.A.	14.1
FM (30-60)	455.3	N.A.	10.6
FH (60-80)	12.4	N.A.	0.3
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	607.5	N.A.	14.1
BM (30-60)	455.3	N.A.	10.6
BH (60-80)	12.4	N.A.	0.3
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.7	N.A.	0.0
UH (100-180)	2150.3	N.A.	50.0
Total	4302.0	N.A.	100.0

BUG Rating B2-U5-G0



Isofootcandle diagram on wall Grid Spacing: 3 ft.



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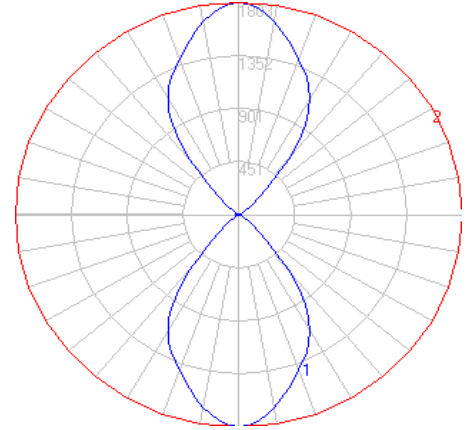
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File: 24481K27.ies

TEST: BE_24481K4
TEST LAB: BEGA
DATE: 02/18/2021
LUMINAIRE: 24 481K27
LAMP: 35.4W LED



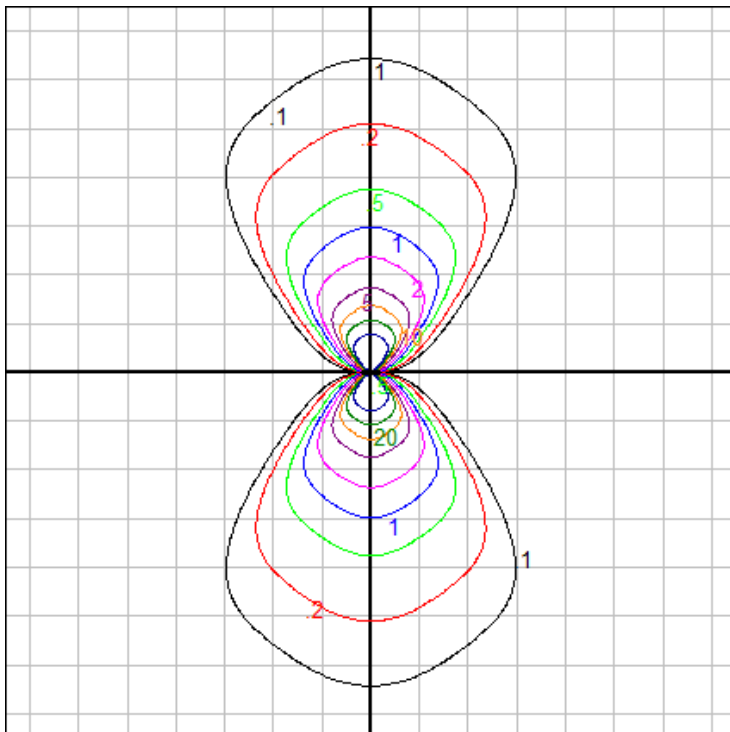
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4197
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1802.836 (0H, 180V)
Max. Cd. (<90 Vert.)	1802.836 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.922 (0.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

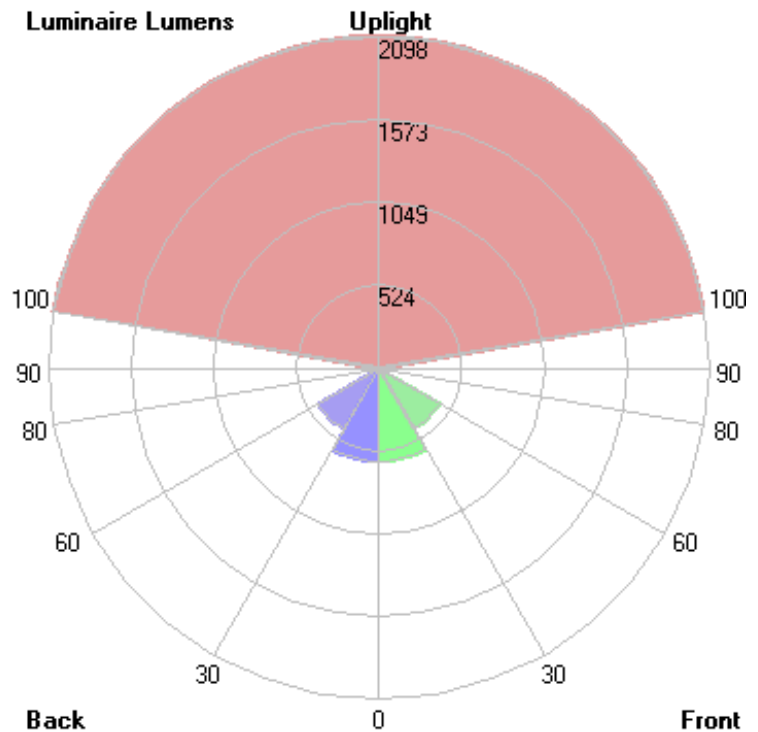
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	592.7	N.A.	14.1
FM (30-60)	444.2	N.A.	10.6
FH (60-80)	12.1	N.A.	0.3
FVH(80-90)	0.3	N.A.	0.0
BL (0-30)	592.7	N.A.	14.1
BM (30-60)	444.2	N.A.	10.6
BH (60-80)	12.1	N.A.	0.3
BVH(80-90)	0.3	N.A.	0.0
UL (90-100)	0.7	N.A.	0.0
UH (100-180)	2097.9	N.A.	50.0
Total	4197.2	N.A.	100.0

BUG Rating B2-U5-G0



Isofootcandle diagram on wall Grid Spacing: 3 ft.



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