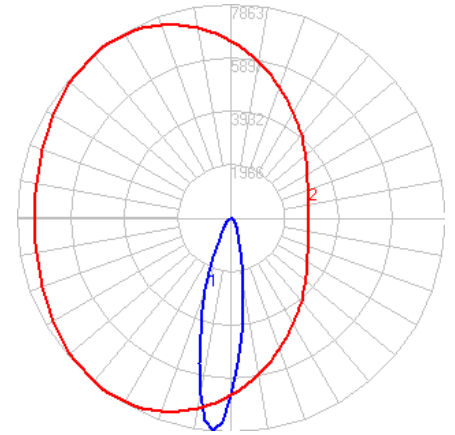


BEGA

File: 24586K4_BEGA_IES.ies

TEST: BE_24586K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 644K4
 LAMP: 34.8W LED



Characteristics

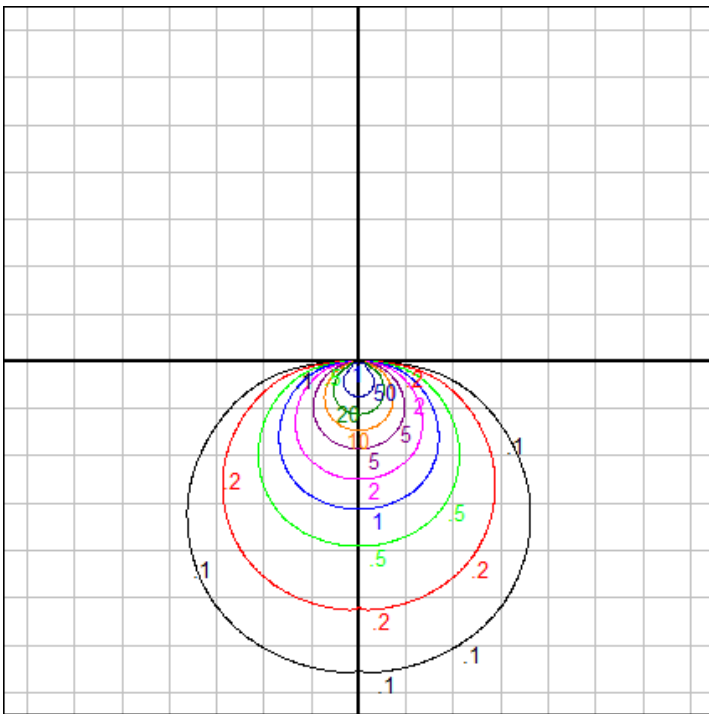
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3573
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	7863 (235H, 5V)
Max. Cd. (<90 Vert.)	7863 (235H, 5V)
Max. Cd. (At 90 Deg. Vert.)	.4 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	200.2 (5.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

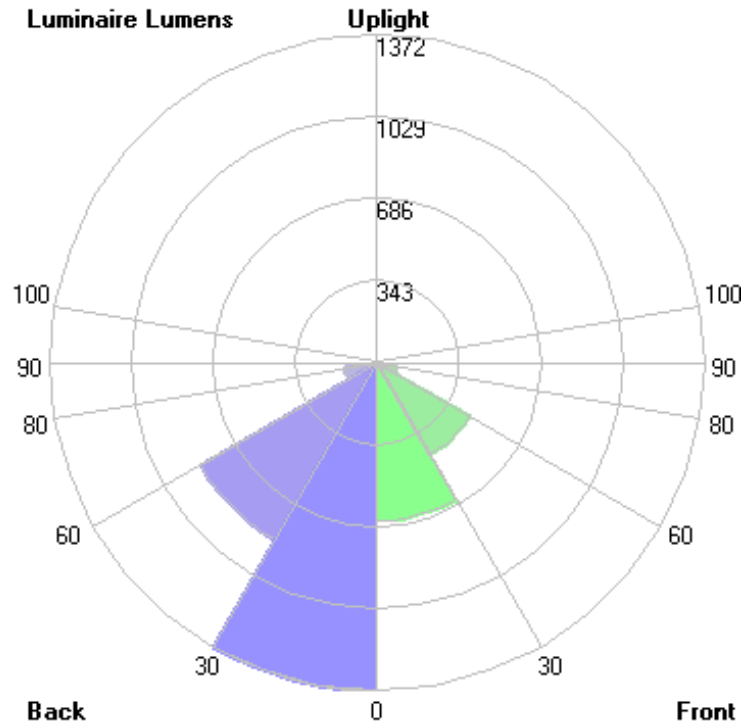
LCS Zone	Lumens	%Lamp	%Lum
FL(0-30)	662.6	N.A.	18.5
FM(30-60)	447.3	N.A.	12.5
FH(60-80)	87.5	N.A.	2.5
FVH(80-90)	5.2	N.A.	0.1
BL(0-30)	1372.0	N.A.	38.4
BM(30-60)	855.6	N.A.	23.9
BH(60-80)	135.7	N.A.	3.8
BVH(80-90)	7.0	N.A.	0.2
UL(90-100)	< 0.05	N.A.	0.0
UH(100-180)	0.0	N.A.	0.0
Total	3572.9	N.A.	100.0

BUG Rating B3-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0 when installed in a downward orientation. Consult factory for more information.



Isofootcandle grid on wall | Grid Spacing: 5 ft.

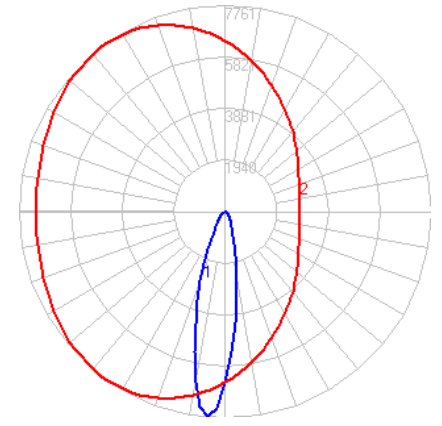


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24586K35_BEGA_IES.ies

TEST: BE_24586K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 644K35
 LAMP: 34.8W LED



Characteristics

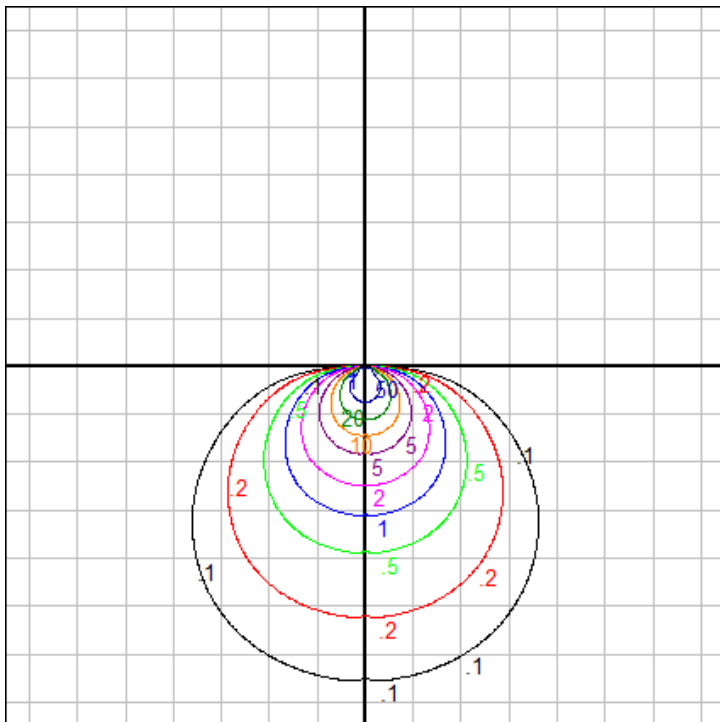
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3527
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	7761.316 (235H, 5V)
Max. Cd. (<90 Vert.)	7761.316 (235H, 5V)
Max. Cd. (At 90 Deg. Vert.)	.395 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	197.611 (5.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

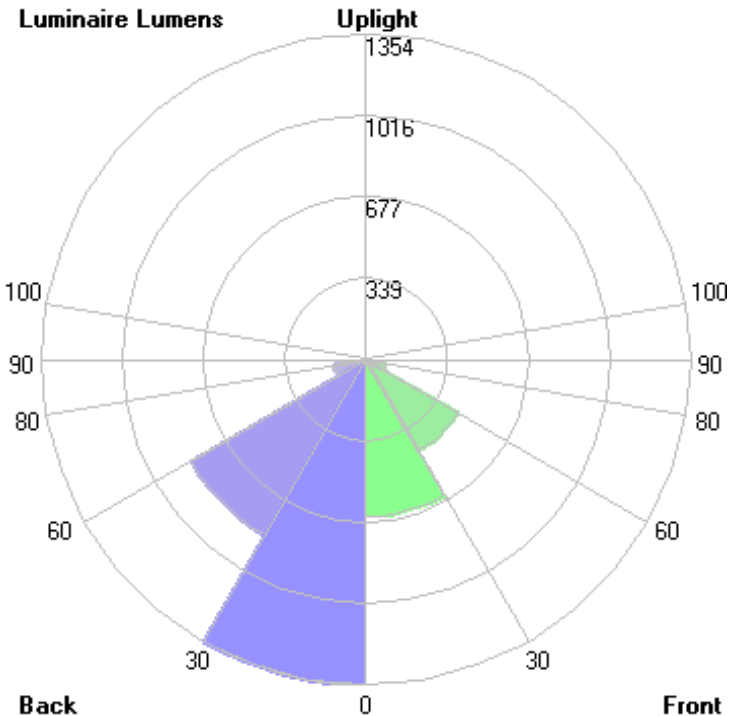
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	654.0	N.A.	18.5
FM (30-60)	441.5	N.A.	12.5
FH (60-80)	86.4	N.A.	2.5
FVH(80-90)	5.2	N.A.	0.1
BL (0-30)	1354.3	N.A.	38.4
BM (30-60)	844.5	N.A.	23.9
BH (60-80)	134.0	N.A.	3.8
BVH(80-90)	7.0	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3526.9	N.A.	100.0

BUG Rating B3-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0 when installed in a downward orientation Consult factory for more information.



Isofootcandle grid on wall | Grid Spacing: 5 ft.

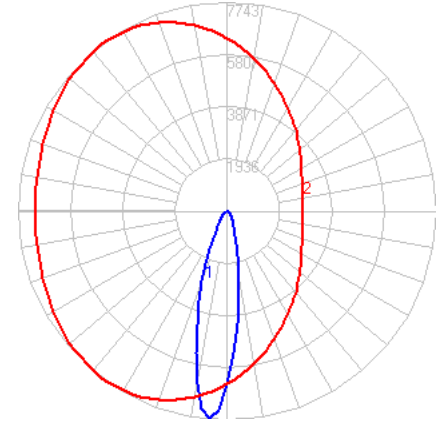


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24586K3_BEGA_IES.ies

TEST: BE_24586K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 644K3
 LAMP: 34.8W LED



Characteristics

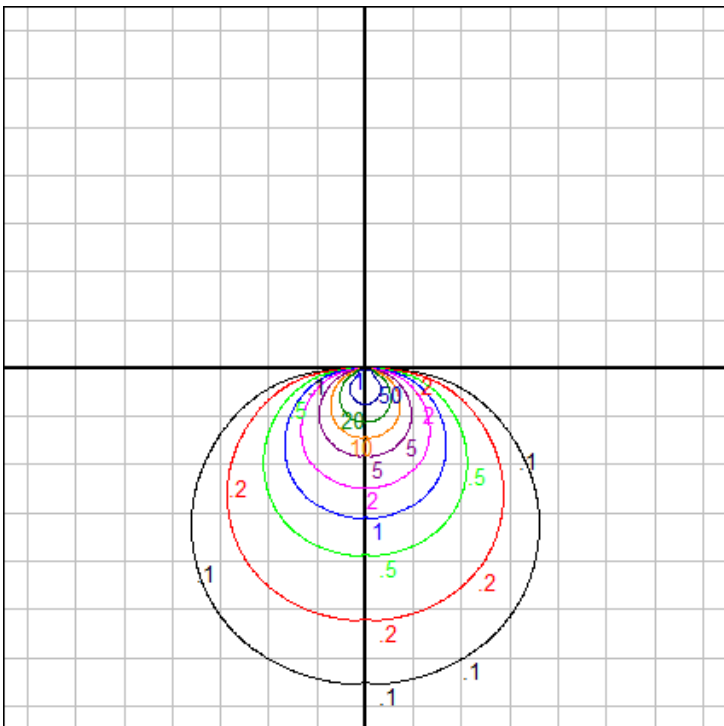
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3518
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	7742.822 (235H, 5V)
Max. Cd. (<90 Vert.)	7742.822 (235H, 5V)
Max. Cd. (At 90 Deg. Vert.)	.394 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	197.14 (5.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

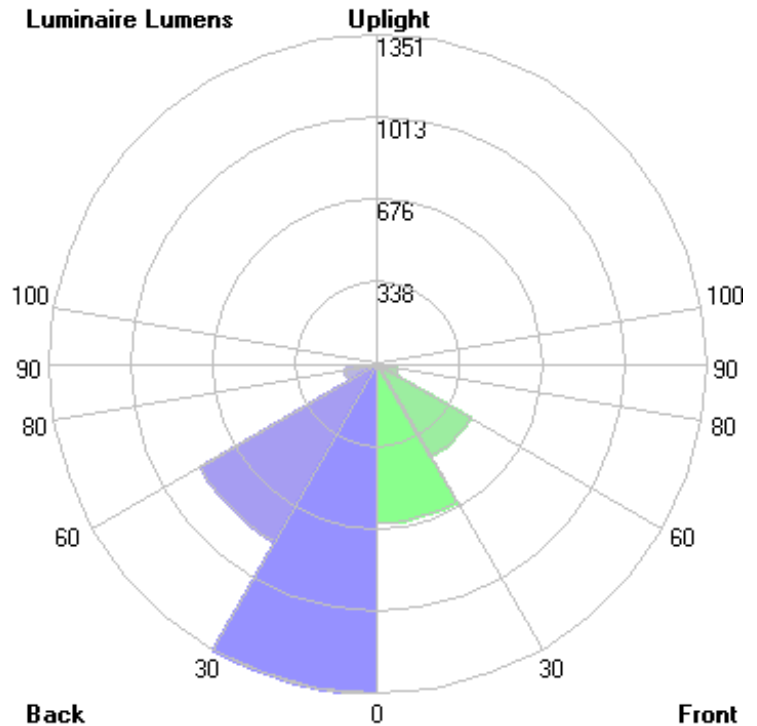
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	652.4	N.A.	18.5
FM (30-60)	440.5	N.A.	12.5
FH (60-80)	86.2	N.A.	2.5
FVH(80-90)	5.2	N.A.	0.1
BL (0-30)	1351.0	N.A.	38.4
BM (30-60)	842.5	N.A.	23.9
BH (60-80)	133.6	N.A.	3.8
BVH(80-90)	6.9	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3518.3	N.A.	100.0

BUG Rating B3-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplift (<0.5%), and it has therefore been assigned a value of U0 when installed in a downward orientation. Consult factory for more information.



Isofootcandle grid on wall | Grid Spacing: 5 ft.

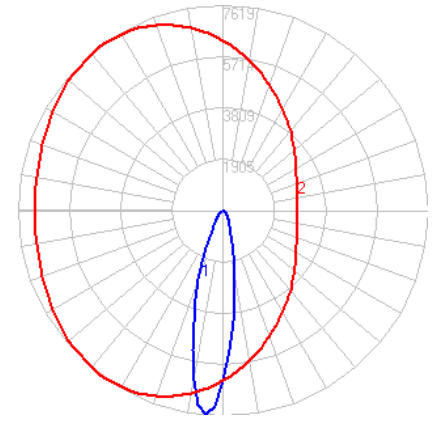


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24586K27_BEGA_IES.ies

TEST: BE_24586K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 644K27
 LAMP: 34.8W LED



Characteristics

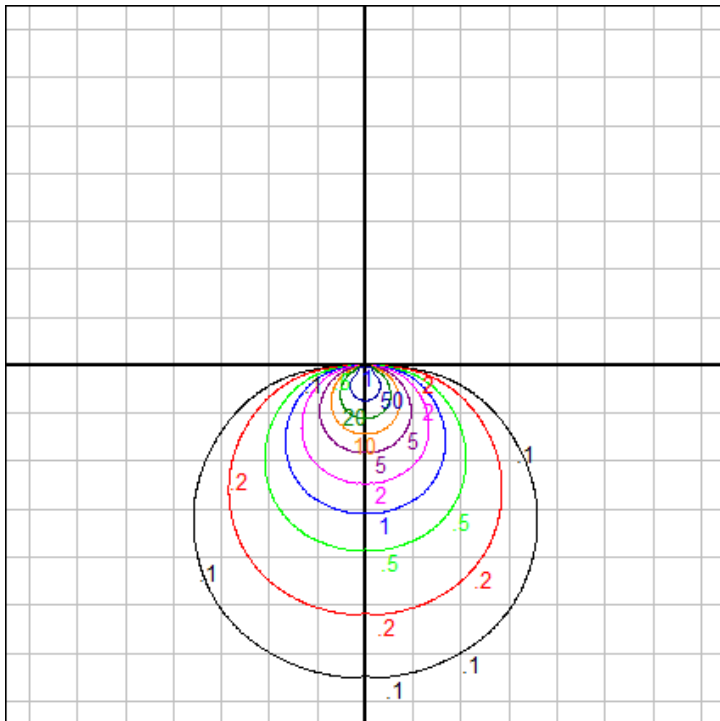
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3462
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	41
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	7618.909 (235H, 5V)
Max. Cd. (<90 Vert.)	7618.909 (235H, 5V)
Max. Cd. (At 90 Deg. Vert.)	.388 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	193.985 (5.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

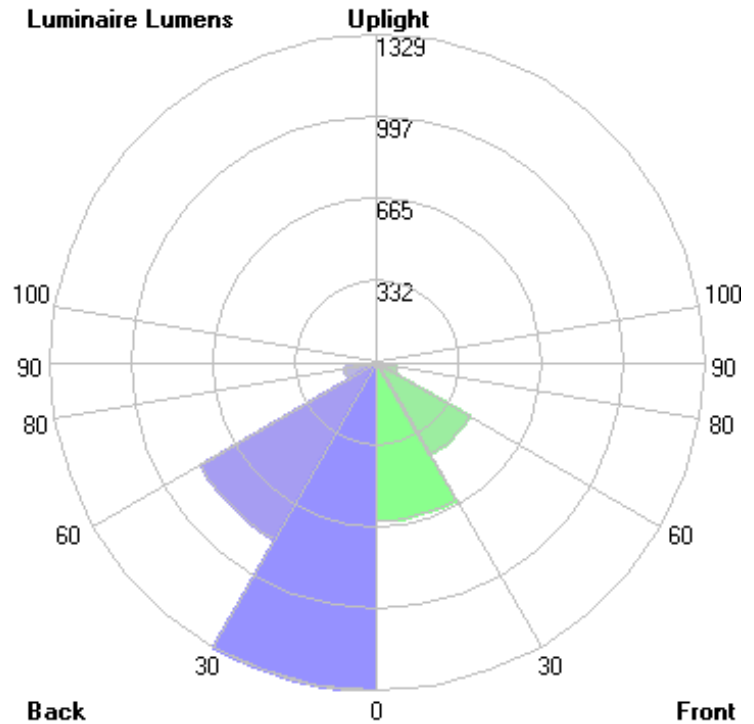
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	642.0	N.A.	18.5
FM (30-60)	433.4	N.A.	12.5
FH (60-80)	84.8	N.A.	2.5
FVH(80-90)	5.1	N.A.	0.1
BL (0-30)	1329.4	N.A.	38.4
BM (30-60)	829.0	N.A.	23.9
BH (60-80)	131.5	N.A.	3.8
BVH(80-90)	6.8	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3462.0	N.A.	100.0

BUG Rating B3-U0*-G1

*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0 when installed in a downward orientation. Consult factory for more information.



Isofootcandle grid on wall | Grid Spacing: 5 ft.



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