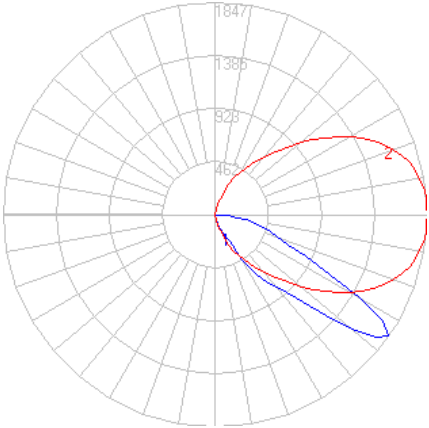


BEGA

File: 85176K4_BEGA_IES.ies

TEST: BE_85176K4
TEST LAB: BEGA
DATE: 08/20/2024
LUMINAIRE: 85176K4
LAMP: 12W LED



Characteristics

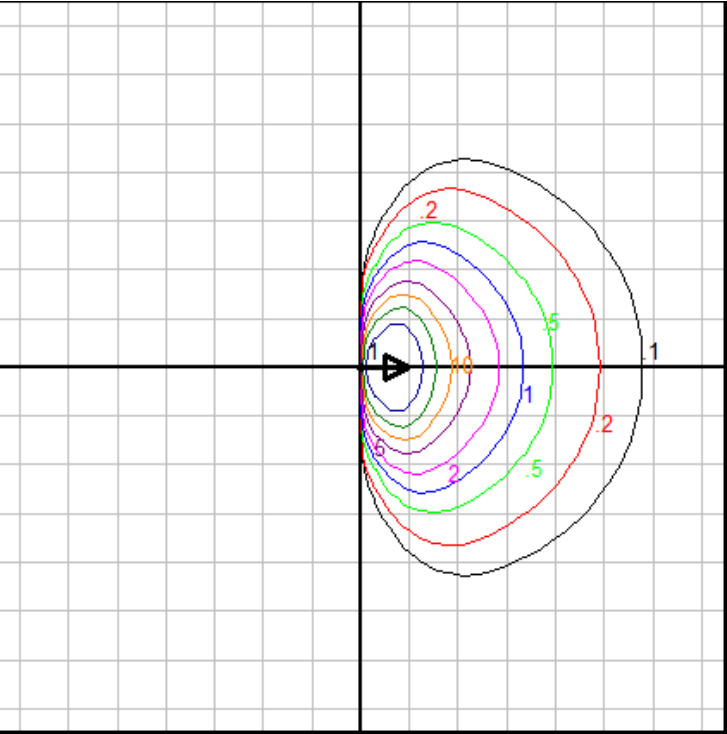
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1243
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	83
Total Luminaire Watts	15
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1846.608 (360H, 55V)
Max. Cd. (<90 Vert.)	1846.608 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	11.067 (0.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	267.189 (21.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

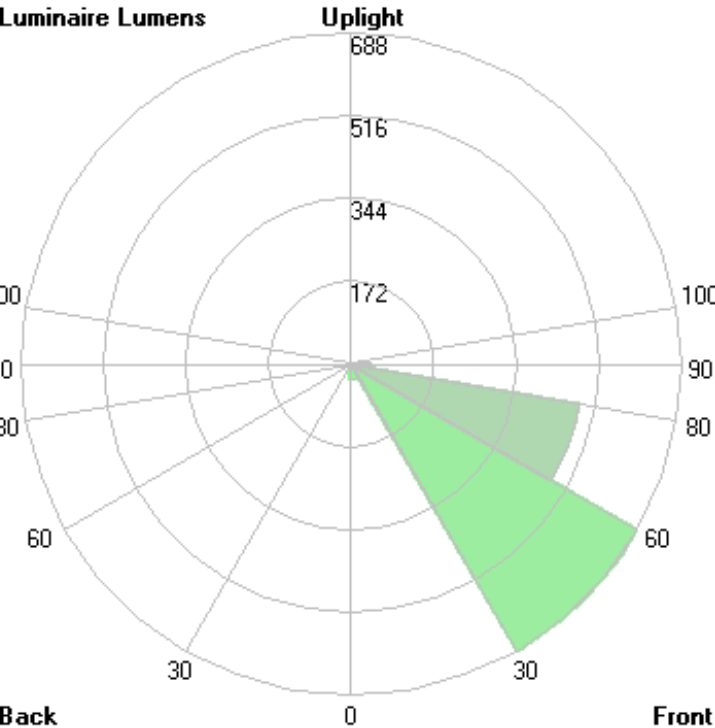
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	34.2	N.A.	2.7
FM (30-60)	687.8	N.A.	55.3
FH (60-80)	480.2	N.A.	38.6
FVH (80-90)	40.6	N.A.	3.3
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	0.6	N.A.	0.1
UH (100-180)	0.1	N.A.	0.0
Total	1243.5	N.A.	100.0

BUG Rating B1-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. Consult factory for more information.



Grid Spacing: 2 ft.



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

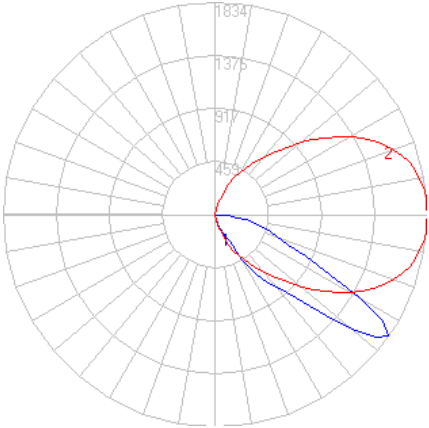
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7/20/2026

BEGA

File: 85176K35_BEGA_IES.ies

TEST: BE_85176K4
TEST LAB: BEGA
DATE: 08/20/2024
LUMINAIRE: 85176K35
LAMP: 12W LED



Characteristics

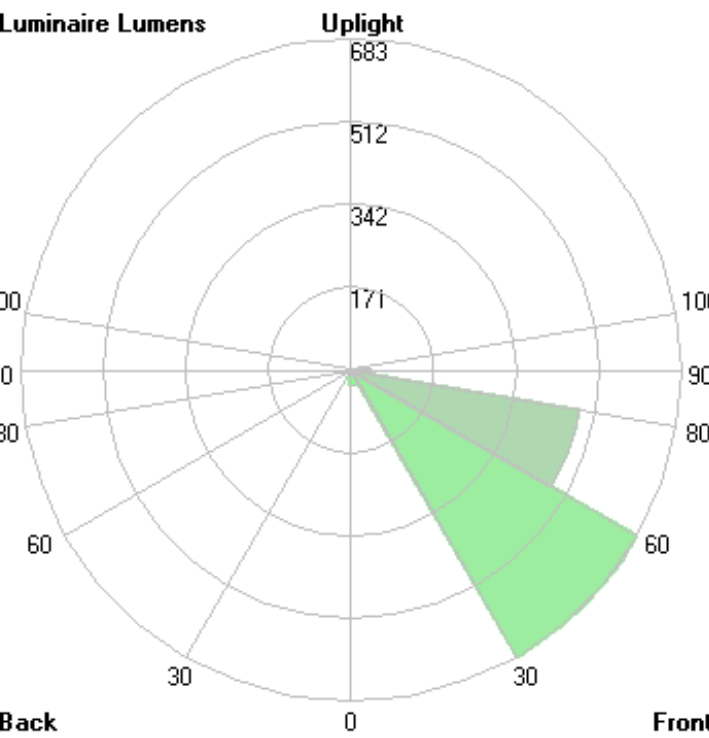
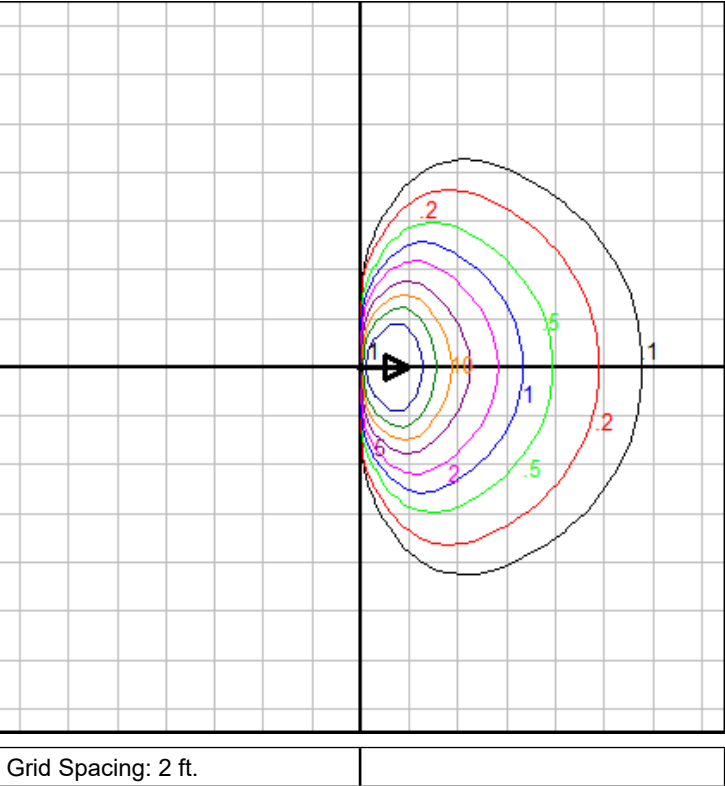
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1235
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	15
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1834.344 (360H, 55V)
Max. Cd. (<90 Vert.)	1834.344 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	10.994 (0.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	265.415 (21.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	33.9	N.A.	2.7
FM (30-60)	683.2	N.A.	55.3
FH (60-80)	477.0	N.A.	38.6
FVH(80-90)	40.4	N.A.	3.3
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.6	N.A.	0.1
UH (100-180)	0.1	N.A.	0.0
Total	1235.2	N.A.	100.0

BUG Rating B0-U0*-G1

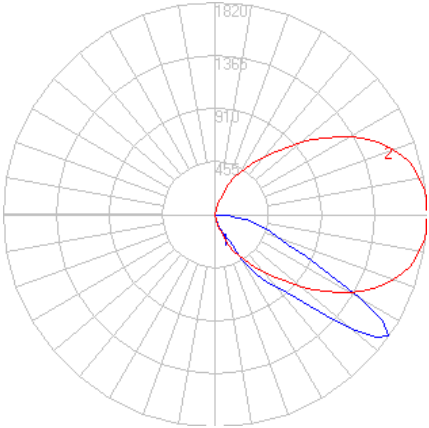
Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory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



BEGA

File: 85176K3_BEGA_IES.ies

TEST: BE_85176K4
TEST LAB: BEGA
DATE: 08/20/2024
LUMINAIRE: 85176K3
LAMP: 12W LED



Characteristics

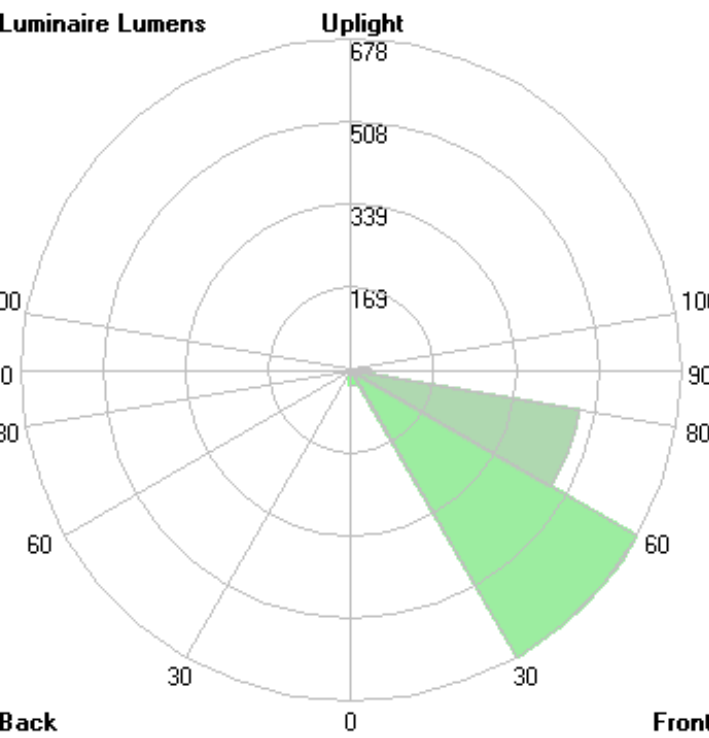
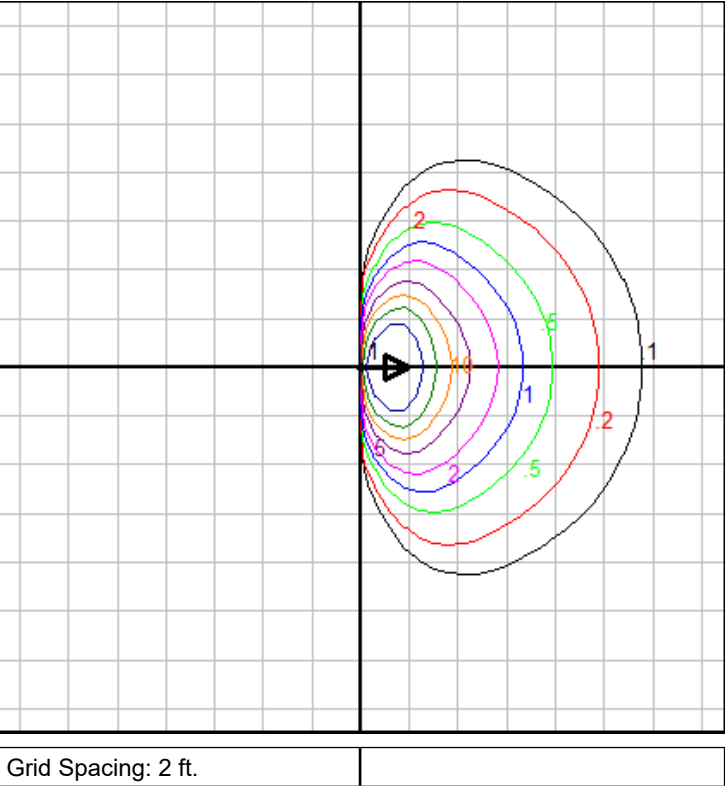
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1226
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	15
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1820.328 (360H, 55V)
Max. Cd. (<90 Vert.)	1820.328 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	10.91 (0.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	263.387 (21.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	33.7	N.A.	2.7
FM (30-60)	678.0	N.A.	55.3
FH (60-80)	473.4	N.A.	38.6
FVH(80-90)	40.1	N.A.	3.3
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.6	N.A.	0.1
UH (100-180)	0.1	N.A.	0.0
Total	1225.9	N.A.	100.0

BUG Rating B0-U0*-G1

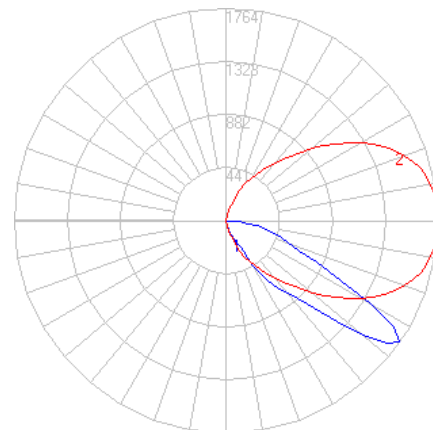
Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory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



BEGA

File: 85176K27_BEGA_IES.ies

TEST: BE_85176K4
TEST LAB: BEGA
DATE: 08/20/2024
LUMINAIRE: 85176K27
LAMP: 12W LED



Characteristics

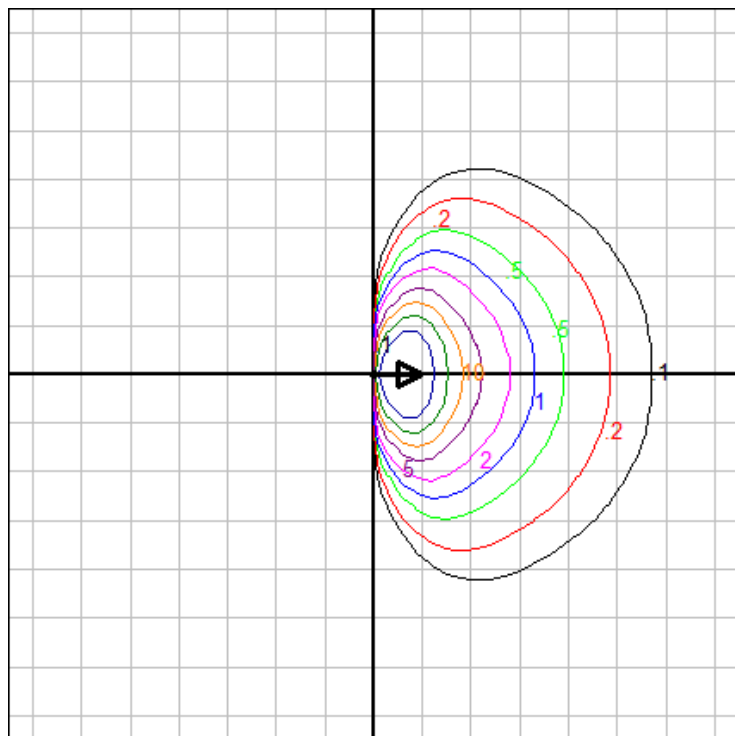
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1188
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	15
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1764.264 (360H, 55V)
Max. Cd. (<90 Vert.)	1764.264 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	10.573 (0.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	255.274 (21.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

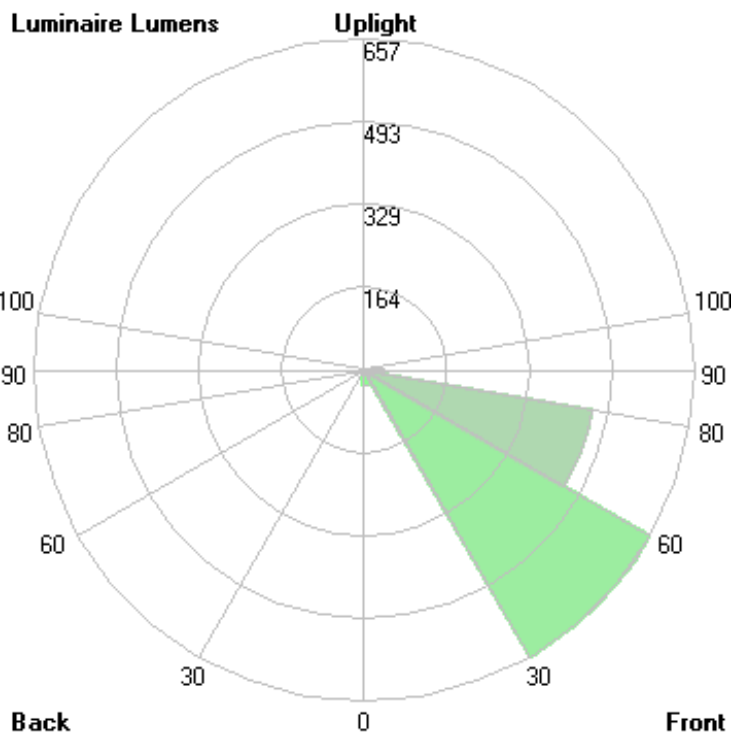
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	32.6	N.A.	2.7
FM (30-60)	657.1	N.A.	55.3
FH (60-80)	458.8	N.A.	38.6
FVH(80-90)	38.8	N.A.	3.3
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	0.6	N.A.	0.1
UH (100-180)	0.1	N.A.	0.0
Total	1188.0	N.A.	100.0

BUG Rating B0-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. Consult factory for more information.



Grid Spacing: 2 ft.



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

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