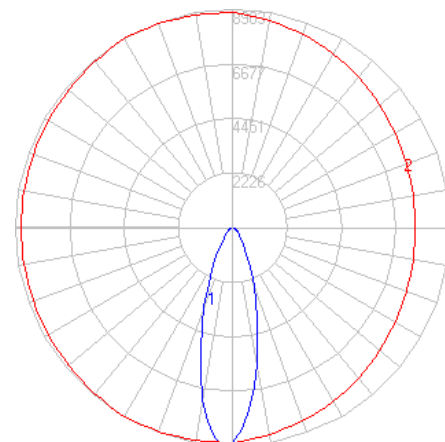


BEGA

File: 24587K4_BEGA_IES.ies

TEST: BE_24587K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 587K4
 LAMP: 46.4W LED



Characteristics

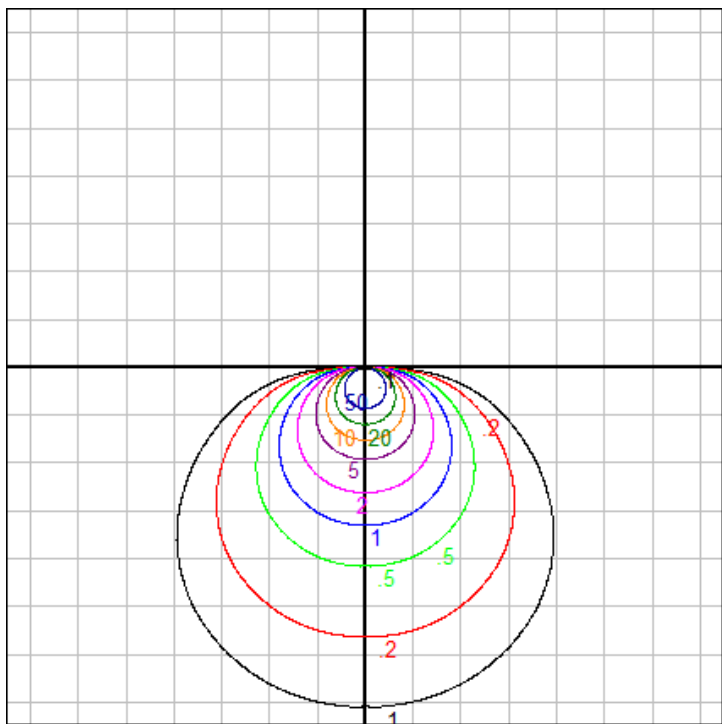
IES Classification	N.A
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4685
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8902.9 (240H, 2.5V)
Max. Cd. (<90 Vert.)	8902.9 (240H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	2.3 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	243.4 (5.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1189.0	N.A.	25.4
FM (30-60)	742.7	N.A.	15.9
FH (60-80)	127.1	N.A.	2.7
FVH(80-90)	7.1	N.A.	0.2
BL (0-30)	1461.4	N.A.	31.2
BM (30-60)	982.7	N.A.	21.0
BH (60-80)	166.7	N.A.	3.6
BVH(80-90)	8.3	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	4685.0	N.A.	100.0

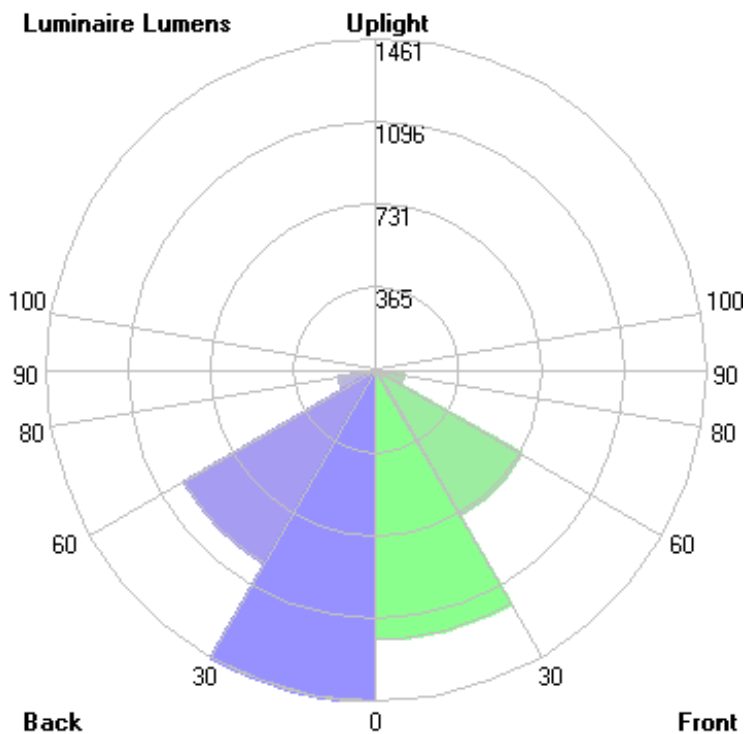
BUG Rating B3-U0*-G1

*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: 4 ft.

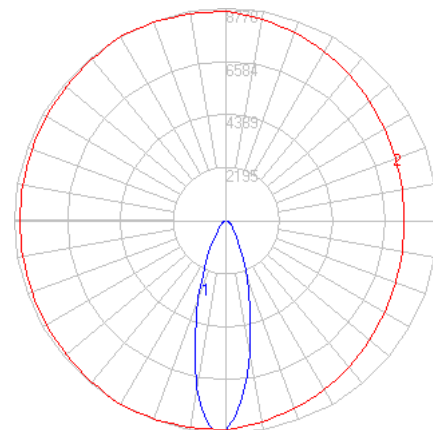


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24587K35_BEGA_IES.ies

TEST: BE_24587K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 587K35
 LAMP: 46.4W LED



Characteristics

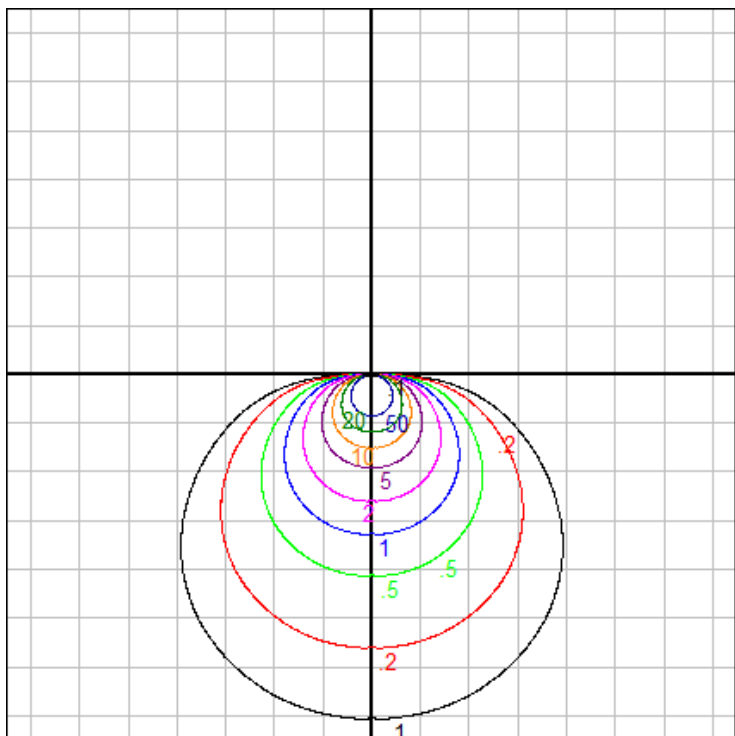
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4619
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8778.26 (240H, 2.5V)
Max. Cd. (<90 Vert.)	8778.26 (240H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	2.268 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	239.992 (5.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1172.3	N.A.	25.4
FM (30-60)	732.3	N.A.	15.9
FH (60-80)	125.3	N.A.	2.7
FVH(80-90)	7.0	N.A.	0.2
BL (0-30)	1440.9	N.A.	31.2
BM (30-60)	969.0	N.A.	21.0
BH (60-80)	164.4	N.A.	3.6
BVH(80-90)	8.2	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	4619.4	N.A.	100.0

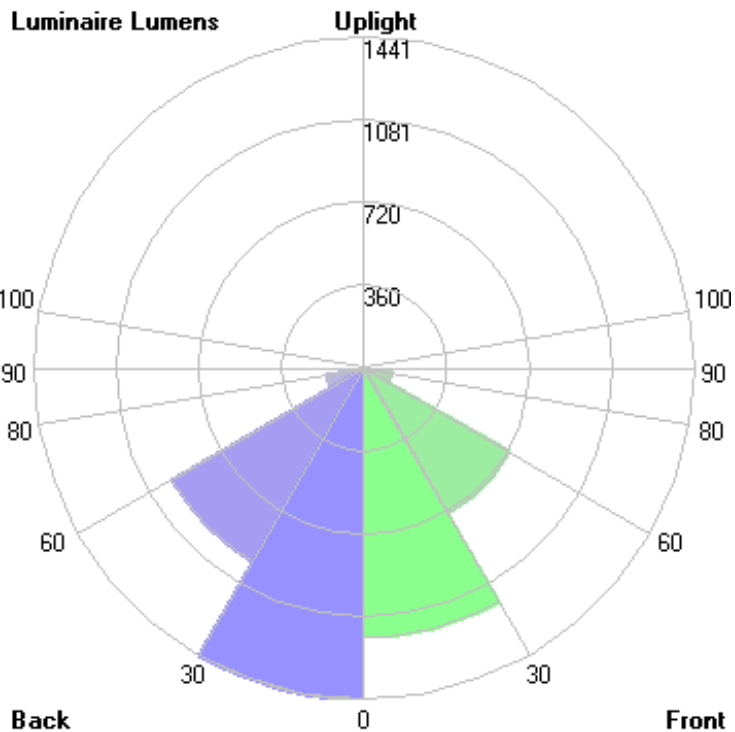
BUG Rating B3-U0*-G1

*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: 4 ft.

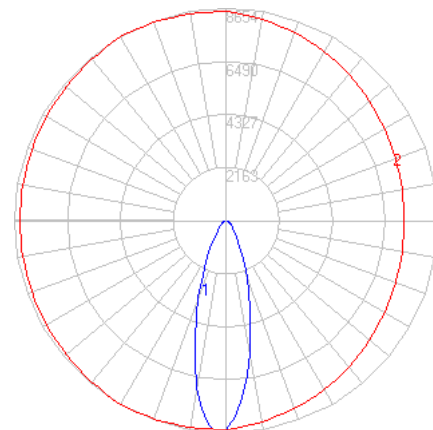


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24587K3_BEGA_IES.ies

TEST: BE_24587K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 587K3
 LAMP: 46.4W LED



Characteristics

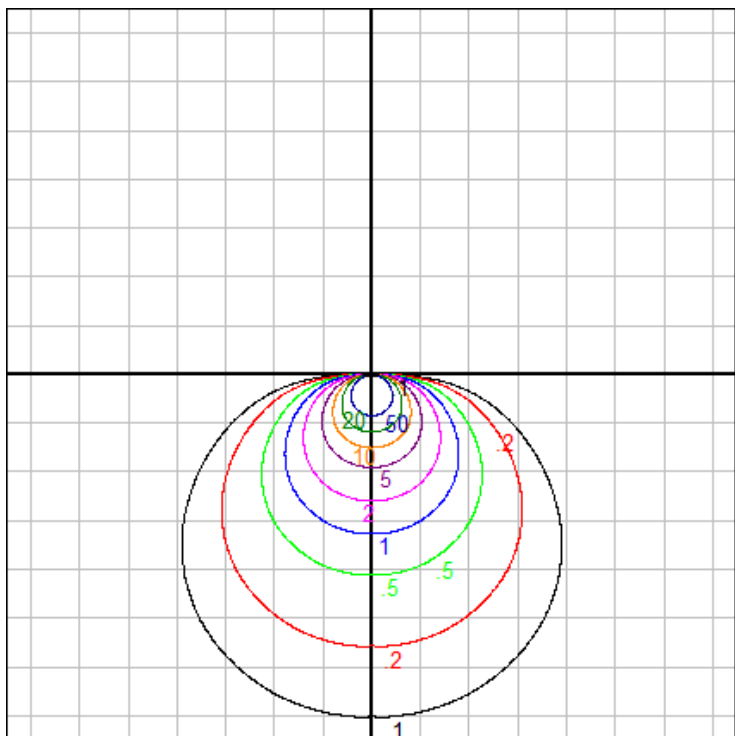
IES Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4554
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8653.619 (240H, 2.5V)
Max. Cd. (<90 Vert.)	8653.619 (240H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	2.236 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	236.585 (5.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1155.7	N.A.	25.4
FM (30-60)	721.9	N.A.	15.9
FH (60-80)	123.5	N.A.	2.7
FVH(80-90)	6.9	N.A.	0.2
BL (0-30)	1420.4	N.A.	31.2
BM (30-60)	955.2	N.A.	21.0
BH (60-80)	162.0	N.A.	3.6
BVH(80-90)	8.1	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	4553.7	N.A.	100.0

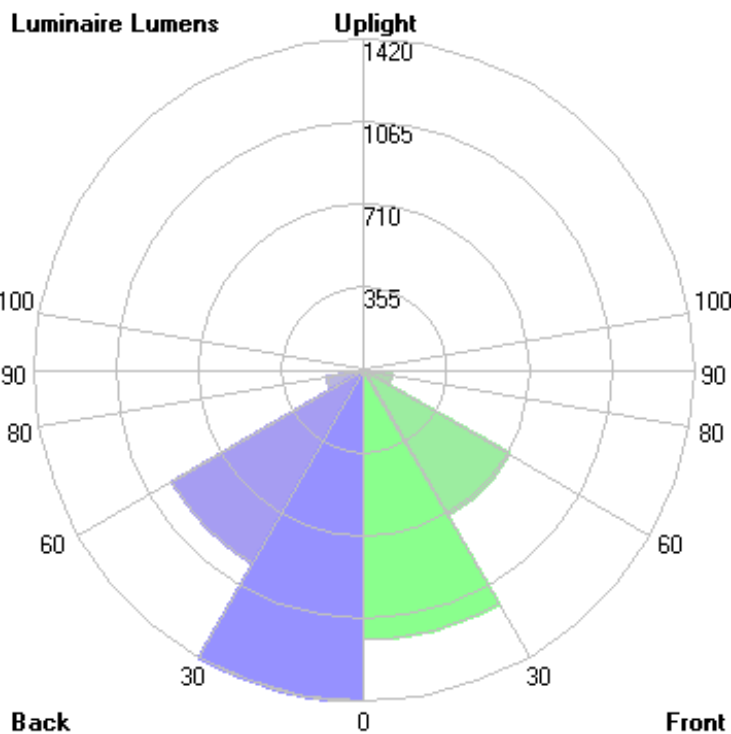
BUG Rating B3-U0*-G1

*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: 4 ft.

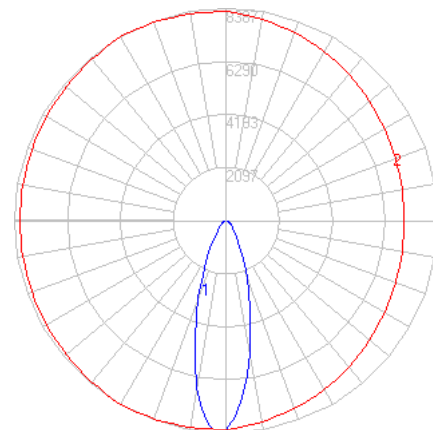


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24587K27_BEGA_IES.ies

TEST: BE_24587K4
 TEST LAB: BEGA
 DATE: 11/21/2024
 LUMINAIRE: 24 587K27
 LAMP: 46.4W LED



Characteristics

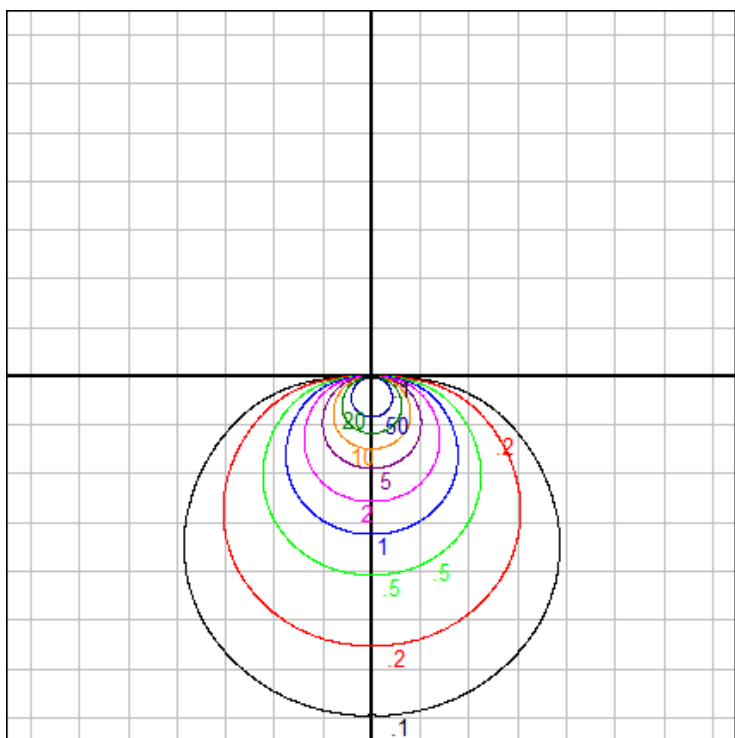
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4413
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8386.532 (240H, 2.5V)
Max. Cd. (<90 Vert.)	8386.532 (240H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	2.167 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	229.283 (5.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1120.0	N.A.	25.4
FM (30-60)	699.6	N.A.	15.9
FH (60-80)	119.7	N.A.	2.7
FVH(80-90)	6.7	N.A.	0.2
BL (0-30)	1376.6	N.A.	31.2
BM (30-60)	925.7	N.A.	21.0
BH (60-80)	157.0	N.A.	3.6
BVH(80-90)	7.9	N.A.	0.2
UL (90-100)	< 0.05	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	4413.2	N.A.	100.0

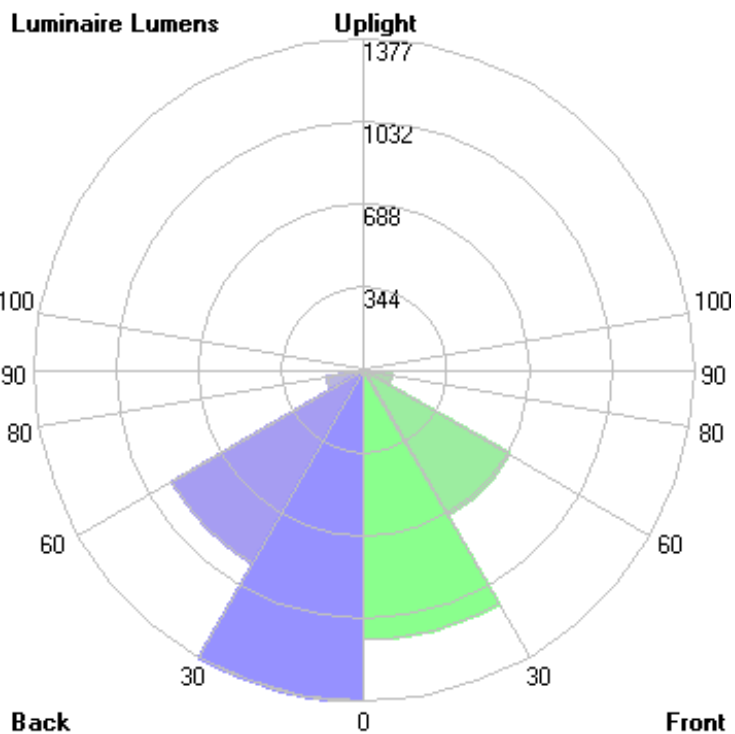
BUG Rating B3-U0*-G1

*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: 4 ft.



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