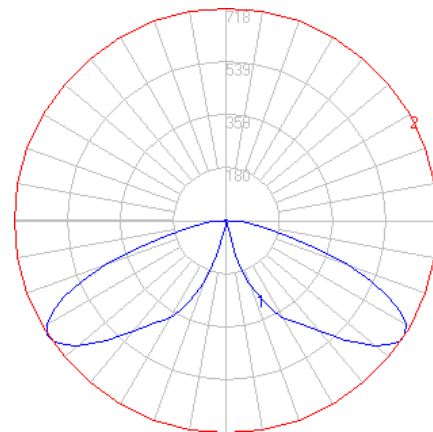


BEGA

File: 84747K4_BEGA_IES.ies

TEST: BE_84747K4
 TEST LAB: BEGA
 DATE: 08/31/2020
 LUMINAIRE: 84 747K4
 LAMP: 19.5W LED



Characteristics

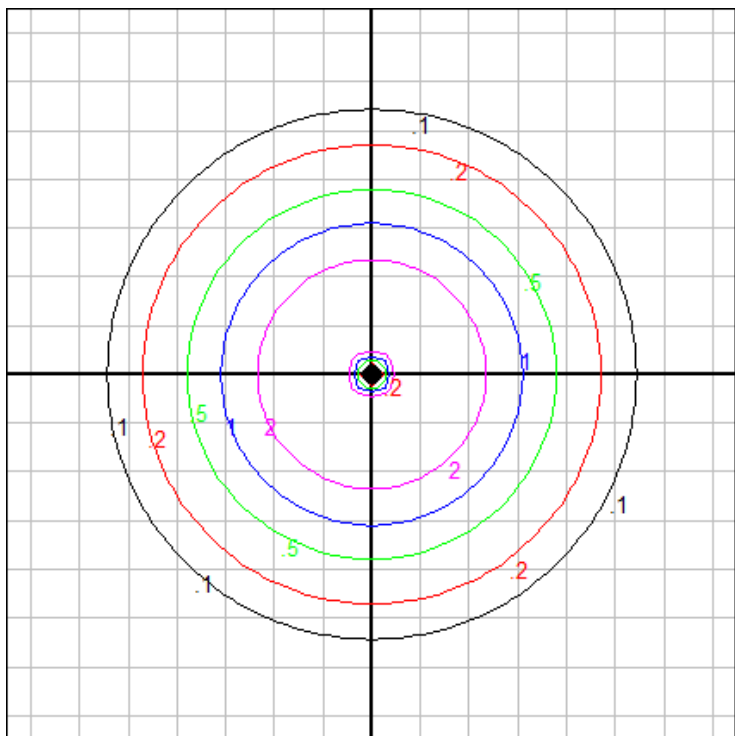
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2442
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	718.3 (0H, 57.5V)
Max. Cd. (<90 Vert.)	718.3 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.7 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	118.8 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

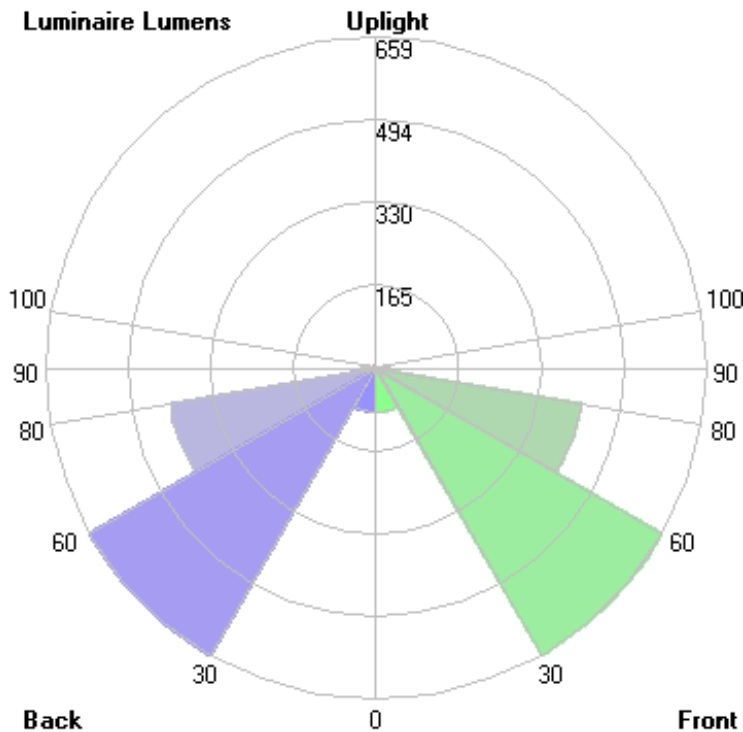
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	89.8	N.A.	3.7
FM (30-60)	672.7	N.A.	27.6
FH (60-80)	424.7	N.A.	17.4
FVH (80-90)	29.4	N.A.	1.2
BL (0-30)	89.8	N.A.	3.7
BM (30-60)	672.7	N.A.	27.6
BH (60-80)	424.7	N.A.	17.4
BVH (80-90)	29.4	N.A.	1.2
UL (90-100)	4.2	N.A.	0.2
UH (100-180)	4.2	N.A.	0.2
Total	2441.6	N.A.	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Grid Spacing: 5 ft.

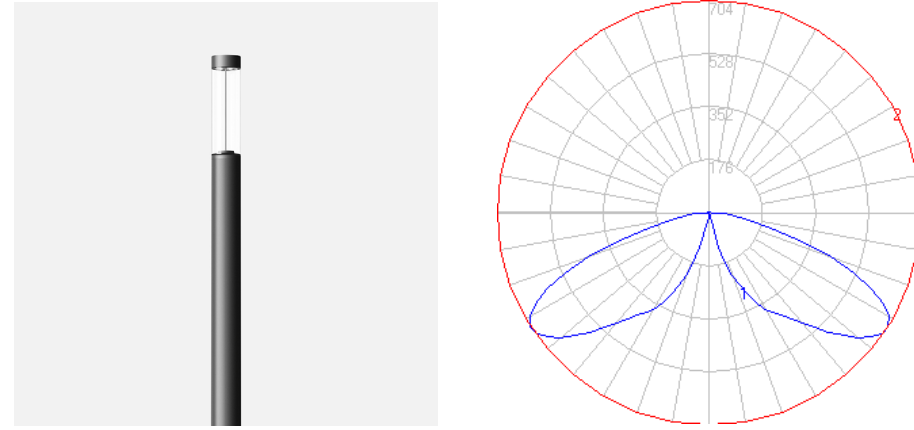


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 84747K35_BEGA_IES.ies

TEST: BE_84747K4
 TEST LAB: BEGA
 DATE: 08/31/2020
 LUMINAIRE: 84 747K35
 LAMP: 19.5W LED



Characteristics

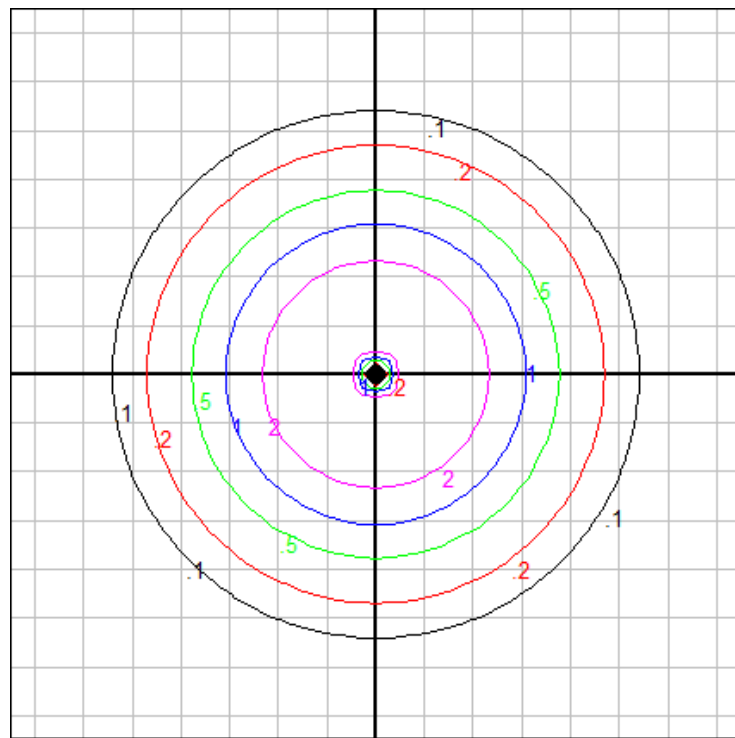
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2393
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	703.934 (0H, 57.5V)
Max. Cd. (<90 Vert.)	703.934 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.586 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	116.424 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	88.0	N.A.	3.7
FM (30-60)	659.3	N.A.	27.6
FH (60-80)	416.2	N.A.	17.4
FVH (80-90)	28.9	N.A.	1.2
BL (0-30)	88.0	N.A.	3.7
BM (30-60)	659.3	N.A.	27.6
BH (60-80)	416.2	N.A.	17.4
BVH (80-90)	28.9	N.A.	1.2
UL (90-100)	4.1	N.A.	0.2
UH (100-180)	4.1	N.A.	0.2
Total	2393.0	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.

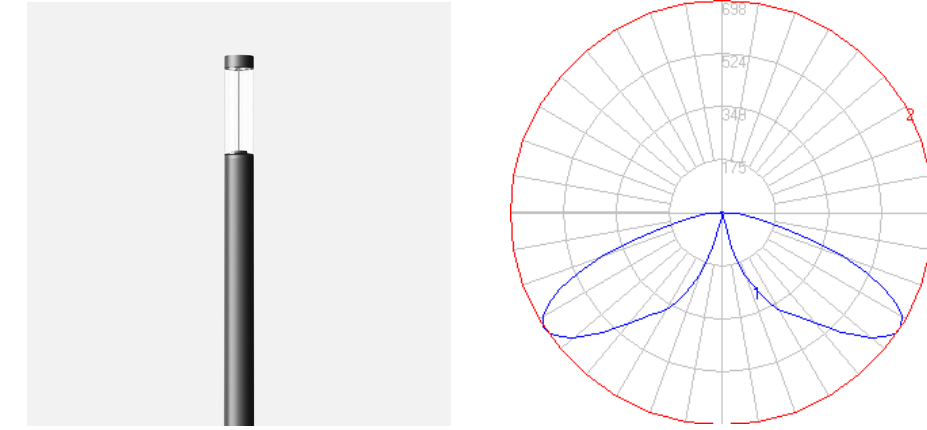


Grid Spacing: 5 ft.

BEGA

File: 84747K3_BEGA_IES.ies

TEST: BE_84747K4
 TEST LAB: BEGA
 DATE: 08/31/2020
 LUMINAIRE: 84 747K3
 LAMP: 19.5W LED



Characteristics

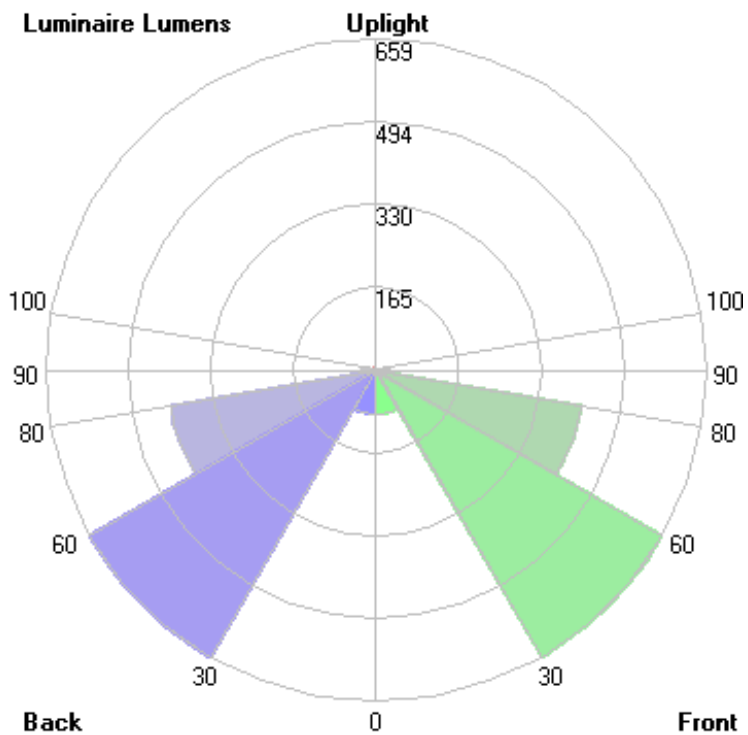
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2373
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	698.188 (0H, 57.5V)
Max. Cd. (<90 Vert.)	698.188 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.54 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	115.474 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

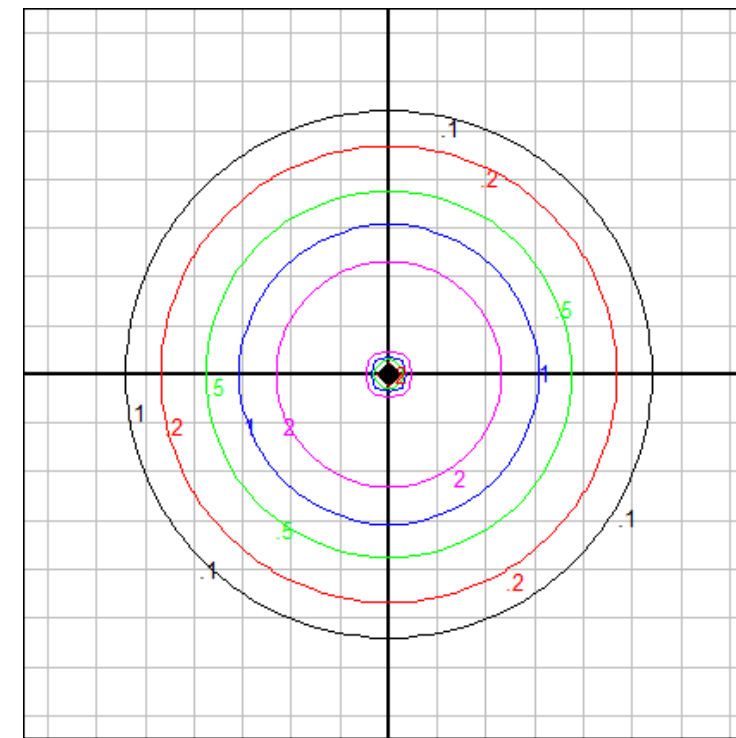
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	87.3	N.A.	3.7
FM (30-60)	653.9	N.A.	27.6
FH (60-80)	412.8	N.A.	17.4
FVH (80-90)	28.6	N.A.	1.2
BL (0-30)	87.3	N.A.	3.7
BM (30-60)	653.9	N.A.	27.6
BH (60-80)	412.8	N.A.	17.4
BVH (80-90)	28.6	N.A.	1.2
UL (90-100)	4.1	N.A.	0.2
UH (100-180)	4.1	N.A.	0.2
Total	2373.4	N.A.	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Back 0 Front

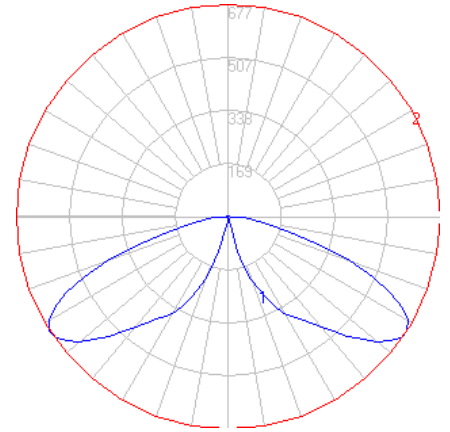


Grid Spacing: 5 ft.

BEGA

File: 84747K27_BEGA_IES.ies

TEST: BE_84747K4
 TEST LAB: BEGA
 DATE: 08/31/2020
 LUMINAIRE: 84 747K27
 LAMP: 19.5W LED



Characteristics

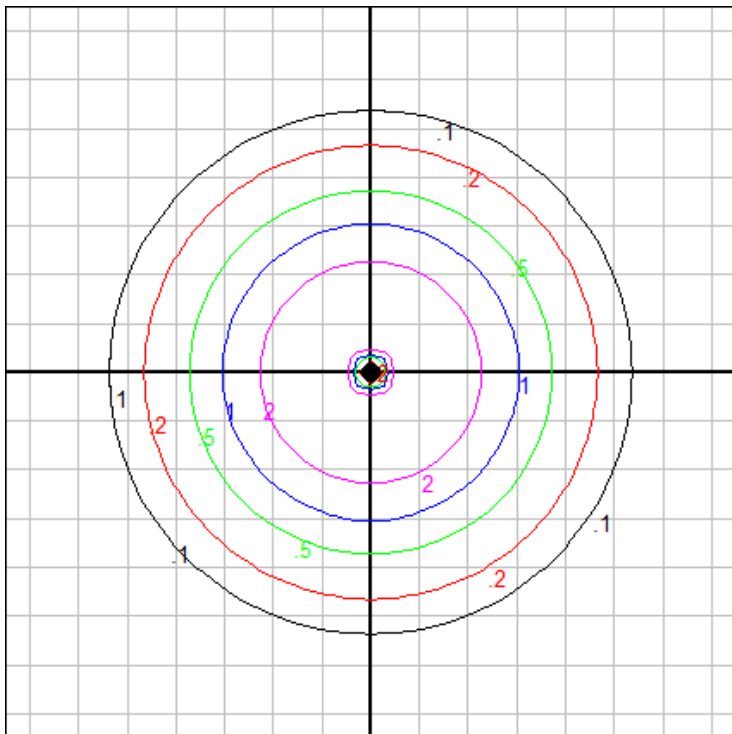
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2300
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	676.639 (0H, 57.5V)
Max. Cd. (<90 Vert.)	676.639 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.369 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	111.91 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

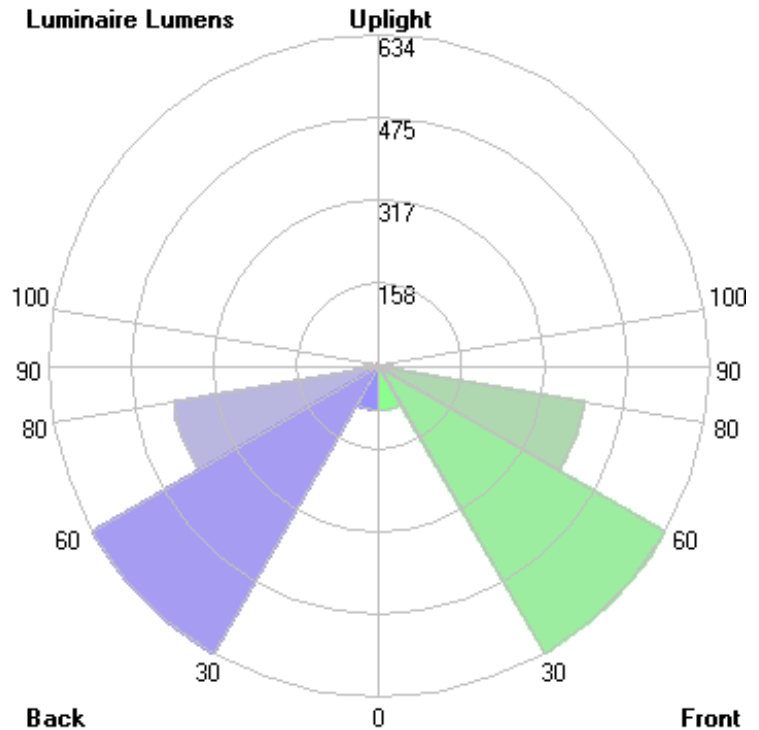
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	84.6	N.A.	3.7
FM (30-60)	633.7	N.A.	27.6
FH (60-80)	400.0	N.A.	17.4
FVH (80-90)	27.7	N.A.	1.2
BL (0-30)	84.6	N.A.	3.7
BM (30-60)	633.7	N.A.	27.6
BH (60-80)	400.0	N.A.	17.4
BVH (80-90)	27.7	N.A.	1.2
UL (90-100)	4.0	N.A.	0.2
UH (100-180)	4.0	N.A.	0.2
Total	2300.0	N.A.	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. There is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Grid Spacing: 5 ft.



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