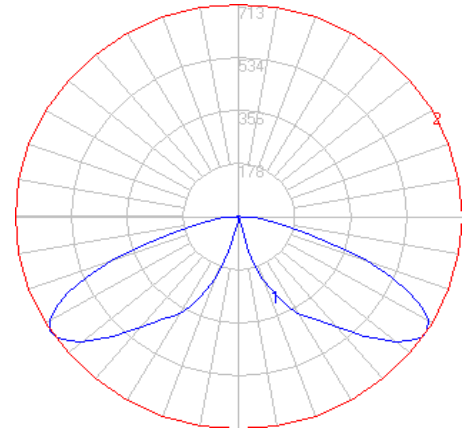


BEGA

File: 84137K4_BEGA_IES.ies

TEST: BE_84137K3
TEST LAB: BEGA
DATE: 06/22/2018
LUMINAIRE: 84 137K4
LAMP: 19.5W LED



Characteristics

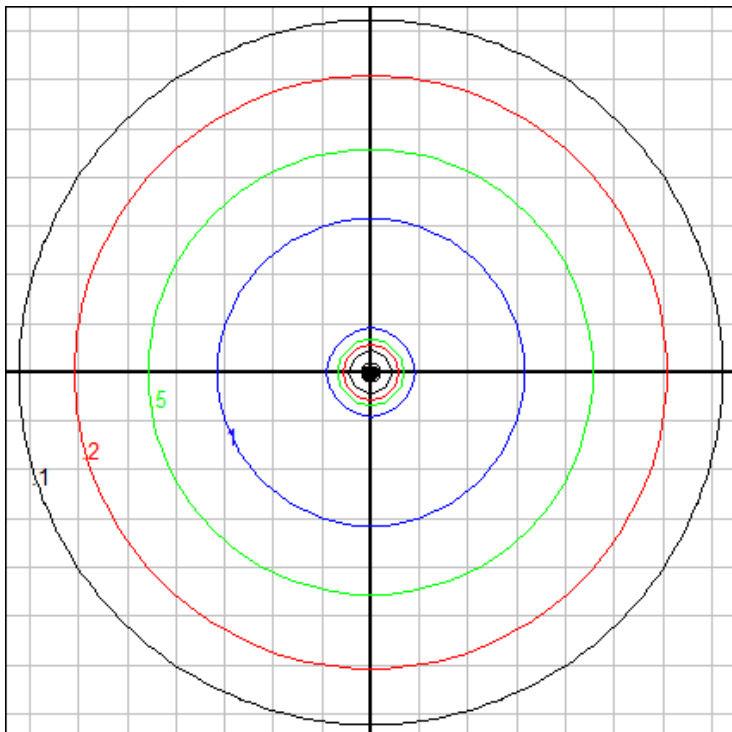
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2422
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	712.572 (0H, 57.5V)
Max. Cd. (<90 Vert.)	712.572 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.712 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	117.81 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	89.1	N.A.	3.7
FM (30-60)	667.4	N.A.	27.5
FH (60-80)	421.3	N.A.	17.4
FVH(80-90)	29.2	N.A.	1.2
BL (0-30)	89.1	N.A.	3.7
BM (30-60)	667.4	N.A.	27.5
BH (60-80)	421.3	N.A.	17.4
BVH(80-90)	29.2	N.A.	1.2
UL (90-100)	4.2	N.A.	0.2
UH (100-180)	4.2	N.A.	0.2
Total	2422.4	N.A.	100.0

BUG Rating B1-U0*-G1

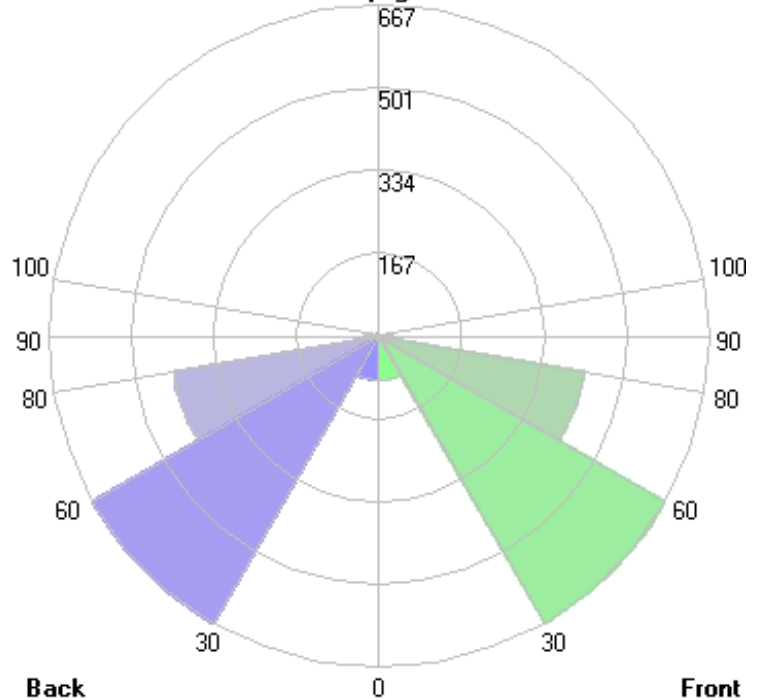
*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory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



Grid Spacing: 5 ft.

Luminaire Lumens

Uplight



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

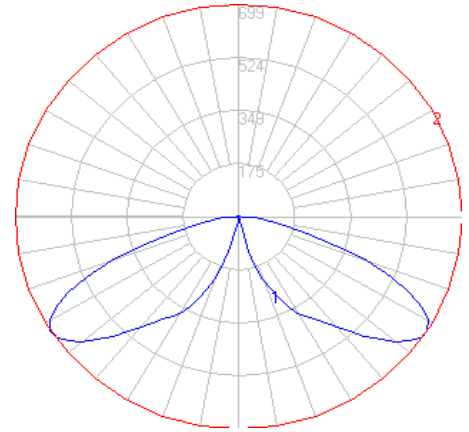
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2021

5/22/2023

BEGA

File: 84137K35_BEGA_IES.ies

TEST: BE_84137K3
TEST LAB: BEGA
DATE: 06/22/2018
LUMINAIRE: 84 137K35
LAMP: 19.5W LED



Characteristics

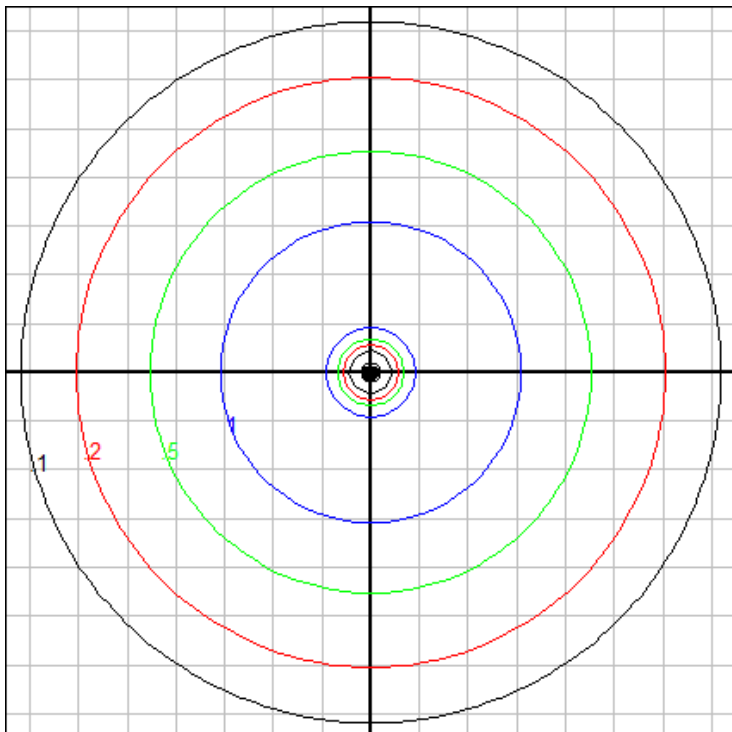
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2375
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	698.6 (0H, 57.5V)
Max. Cd. (<90 Vert.)	698.6 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.6 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	115.5 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

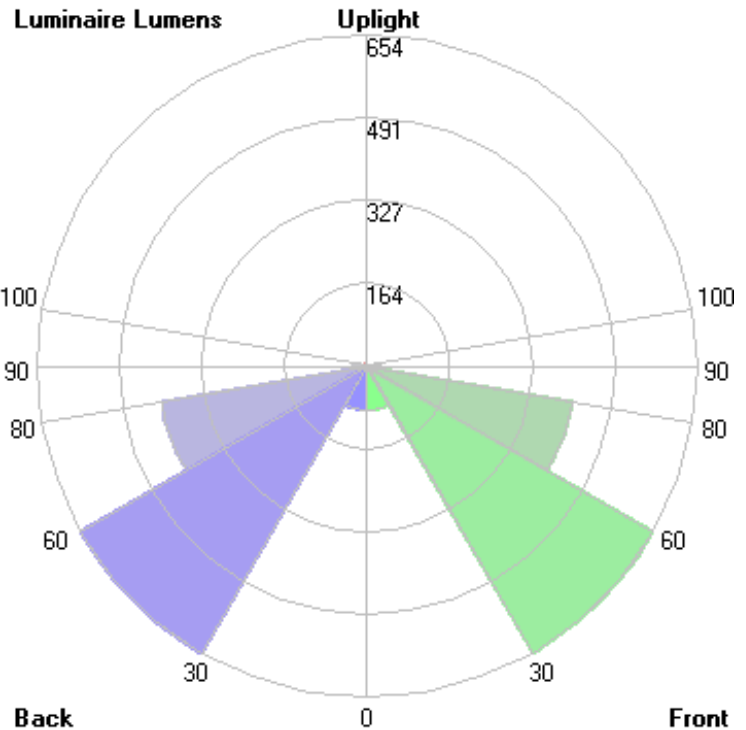
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	87.4	N.A.	3.7
FM (30-60)	654.3	N.A.	27.6
FH (60-80)	413.0	N.A.	17.4
FVH(80-90)	28.6	N.A.	1.2
BL (0-30)	87.4	N.A.	3.7
BM (30-60)	654.3	N.A.	27.6
BH (60-80)	413.0	N.A.	17.4
BVH(80-90)	28.6	N.A.	1.2
UL (90-100)	4.1	N.A.	0.2
UH (100-180)	4.1	N.A.	0.2
Total	2374.8	N.A.	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



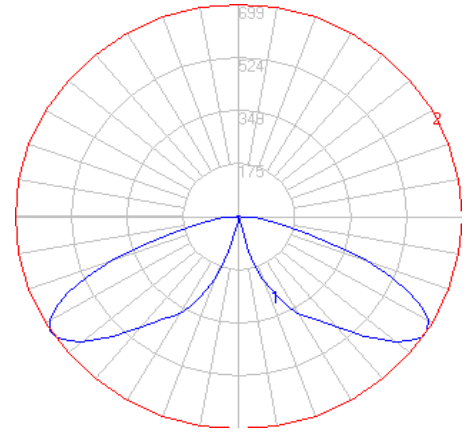
Grid Spacing: 5 ft.



BEGA

File: 84137K3_BEGA_IES.ies

TEST: BE_84137K3
TEST LAB: BEGA
DATE: 06/22/2018
LUMINAIRE: 84 137K3
LAMP: 19.5W LED



Characteristics

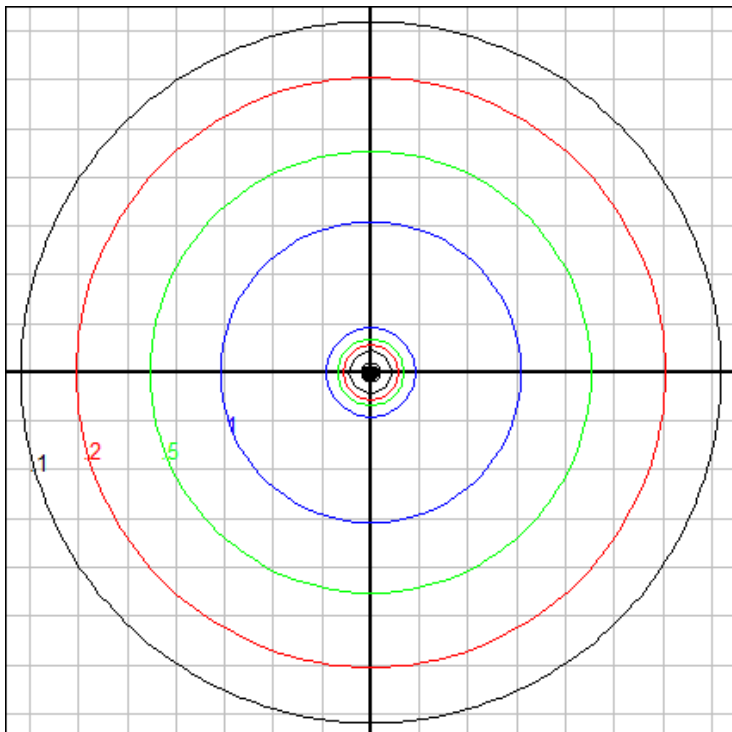
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2375
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	698.6 (0H, 57.5V)
Max. Cd. (<90 Vert.)	698.6 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.6 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	115.5 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

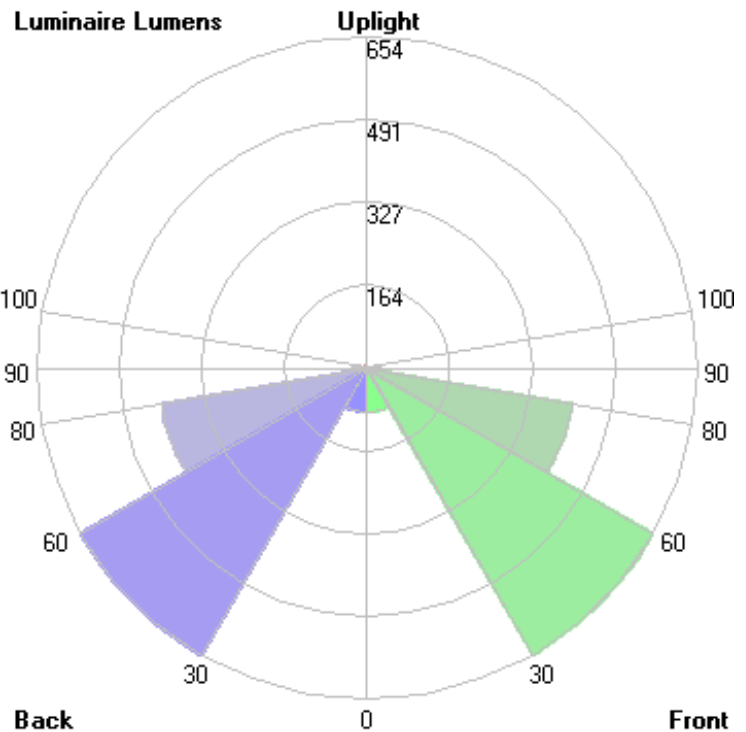
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	87.4	N.A.	3.7
FM (30-60)	654.3	N.A.	27.6
FH (60-80)	413.0	N.A.	17.4
FVH(80-90)	28.6	N.A.	1.2
BL (0-30)	87.4	N.A.	3.7
BM (30-60)	654.3	N.A.	27.6
BH (60-80)	413.0	N.A.	17.4
BVH(80-90)	28.6	N.A.	1.2
UL (90-100)	4.1	N.A.	0.2
UH (100-180)	4.1	N.A.	0.2
Total	2374.8	N.A.	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 uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information



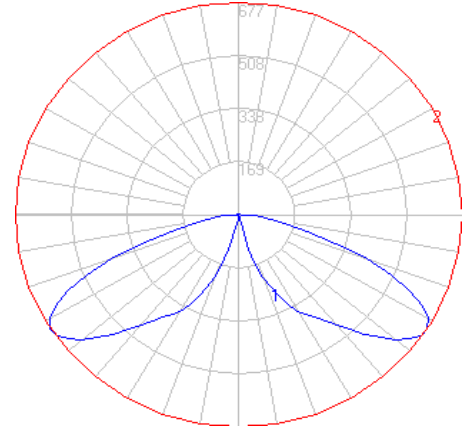
Grid Spacing: 5 ft.



BEGA

File: 84137K27_BEGA_IES.ies

TEST: BE_84137K3
TEST LAB: BEGA
DATE: 06/22/2018
LUMINAIRE: 84 137K27
LAMP: 19.5W LED



Characteristics

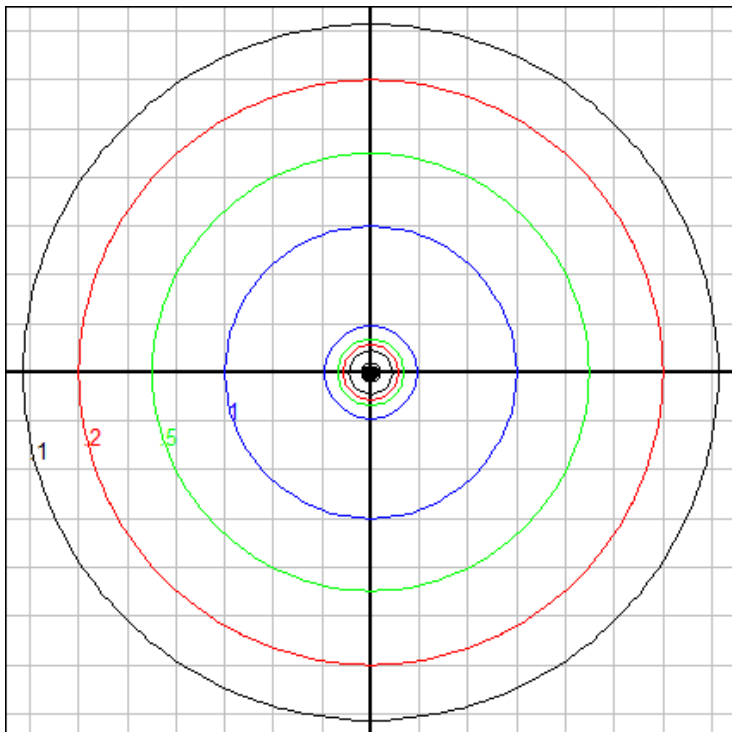
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2301
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	24
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	676.943 (0H, 57.5V)
Max. Cd. (<90 Vert.)	676.943 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	5.426 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	111.919 (4.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	84.7	N.A.	3.7
FM (30-60)	634.0	N.A.	27.6
FH (60-80)	400.2	N.A.	17.4
FVH(80-90)	27.7	N.A.	1.2
BL (0-30)	84.7	N.A.	3.7
BM (30-60)	634.0	N.A.	27.6
BH (60-80)	400.2	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	2301.2	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 uplight (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information



Grid Spacing: 5 ft.

