

BEGA

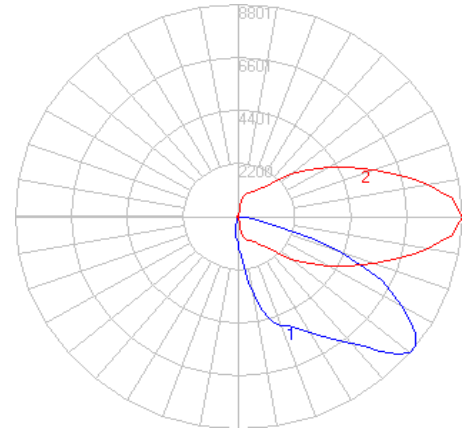
File: 84249K4_BEGA_IES.ies

TEST: BE_84407K4
TEST LAB: BEGA
DATE: 11/30/2016
LUMINAIRE: 84249K4
LAMP: (2) 55.3W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

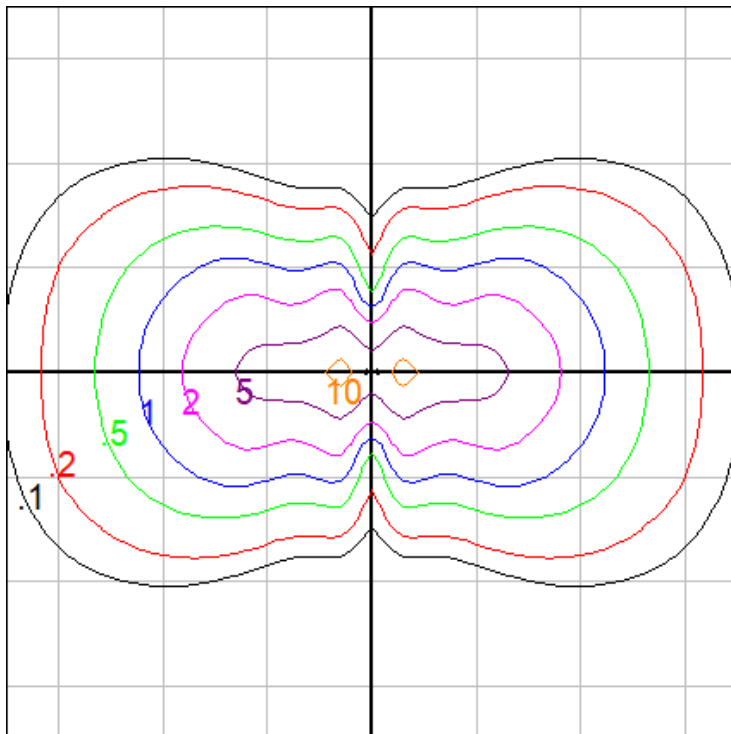
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6672
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	62
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8801 (360H, 52.5V)
Max. Cd. (<90 Vert.)	8801 (360H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	551.2 (8.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



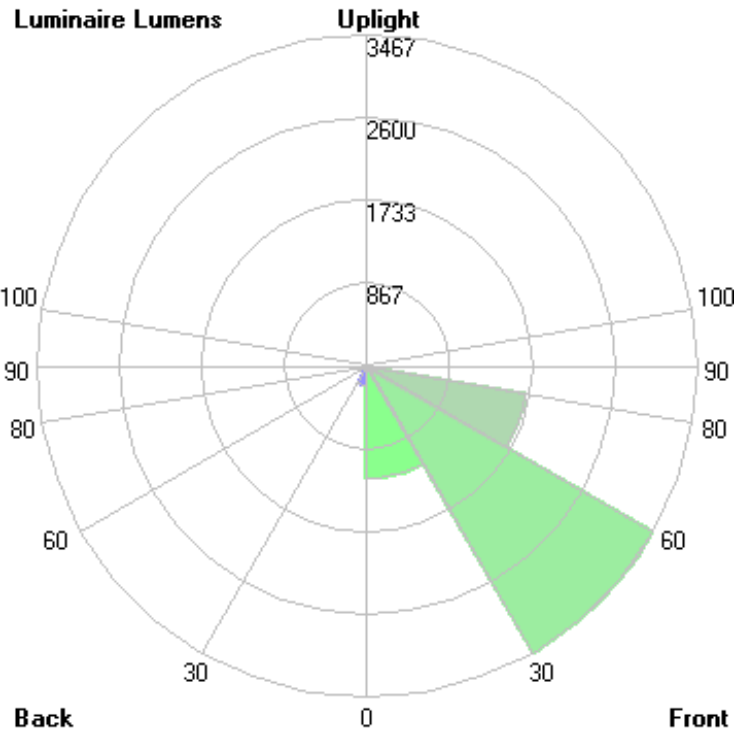
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1181.6	N.A.	17.7
FM (30-60)	3466.9	N.A.	52.0
FH (60-80)	1690.9	N.A.	25.3
FVH(80-90)	39.3	N.A.	0.6
BL (0-30)	203.0	N.A.	3.0
BM (30-60)	72.8	N.A.	1.1
BH (60-80)	14.8	N.A.	0.2
BVH(80-90)	2.4	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	6671.7	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height: 20 ft. (Pole 1908HR) | Grid Spacing: 20 ft.



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

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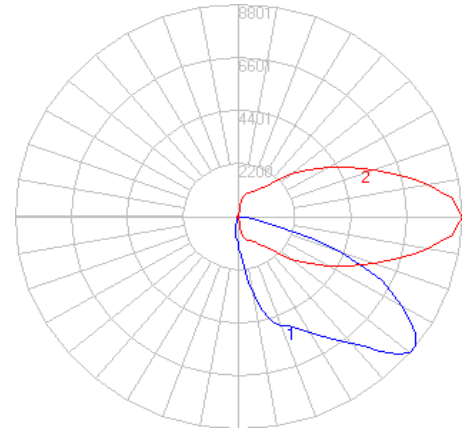
File: 84249K35_BEGA_IES.ies

TEST: BE_84407K4
TEST LAB: BEGA
DATE: 11/30/2016
LUMINAIRE: 84249K35
LAMP: (2) 55.3W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

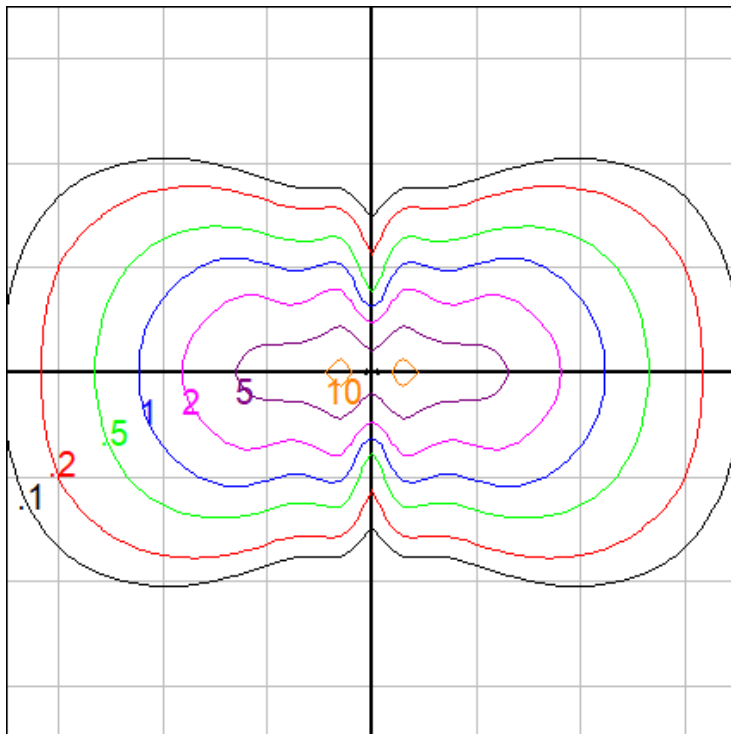
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6672
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	62
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8801 (360H, 52.5V)
Max. Cd. (<90 Vert.)	8801 (360H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	551.2 (8.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



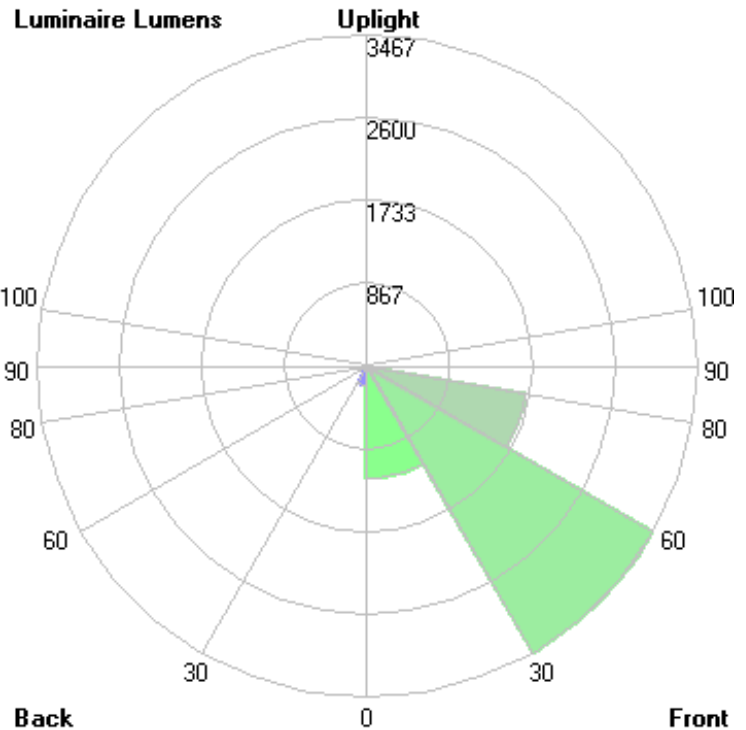
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1181.6	N.A.	17.7
FM (30-60)	3466.9	N.A.	52.0
FH (60-80)	1690.9	N.A.	25.3
FVH(80-90)	39.3	N.A.	0.6
BL (0-30)	203.0	N.A.	3.0
BM (30-60)	72.8	N.A.	1.1
BH (60-80)	14.8	N.A.	0.2
BVH(80-90)	2.4	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	6671.7	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height: 20 ft. (Pole 1908HR) | Grid Spacing: 20 ft.



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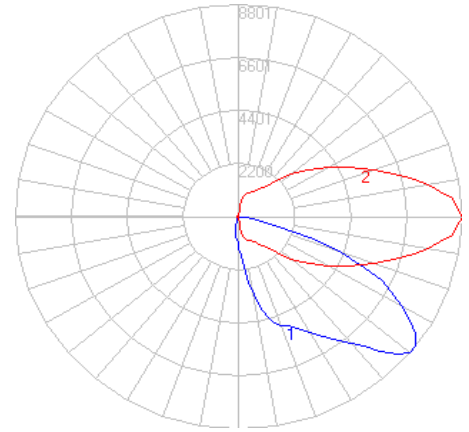
File: 84249K3_BEGA_IES.ies

TEST: BE_84407K4
TEST LAB: BEGA
DATE: 11/30/2016
LUMINAIRE: 84249K3
LAMP: (2) 55.3W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

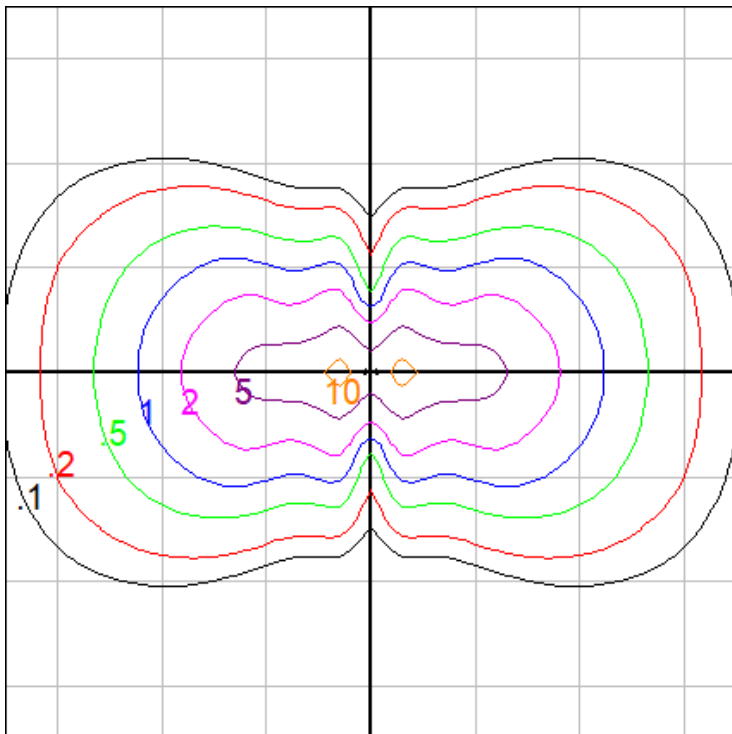
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6672
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	62
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	8801 (360H, 52.5V)
Max. Cd. (<90 Vert.)	8801 (360H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	551.2 (8.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



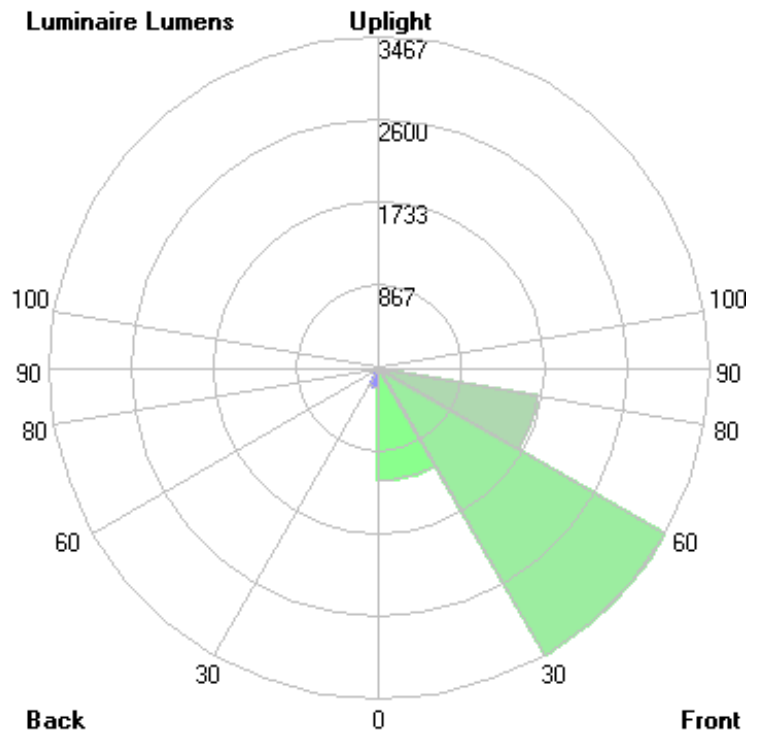
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1181.6	N.A.	17.7
FM (30-60)	3466.9	N.A.	52.0
FH (60-80)	1690.9	N.A.	25.3
FVH(80-90)	39.3	N.A.	0.6
BL (0-30)	203.0	N.A.	3.0
BM (30-60)	72.8	N.A.	1.1
BH (60-80)	14.8	N.A.	0.2
BVH(80-90)	2.4	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	6671.7	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height: 20 ft. (Pole 1908HR) | Grid Spacing: 20 ft.



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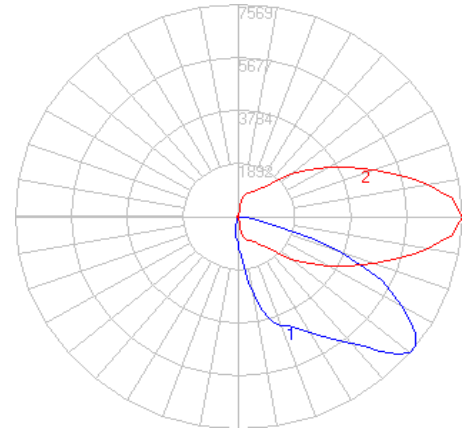
File: 84249K27_BEGA_IES.ies

TEST: BE_84407K4
TEST LAB: BEGA
DATE: 11/30/2016
LUMINAIRE: 84249K27
LAMP: (2) 55.3W LED

*Report based on a single IES file, see below for twin head iso-footcandle template

Characteristics

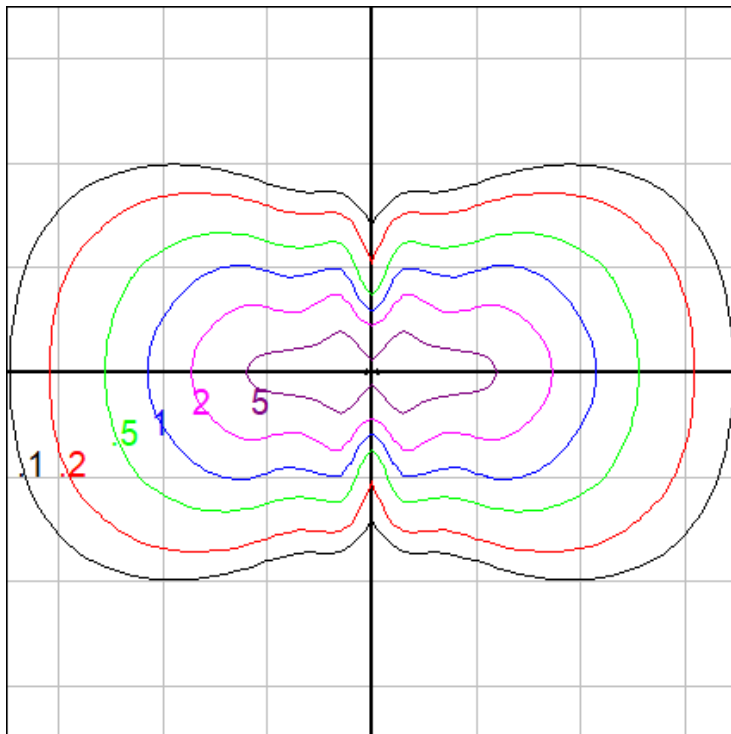
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5738
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	62
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	7568.86 (360H, 52.5V)
Max. Cd. (<90 Vert.)	7568.86 (360H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	474.032 (8.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1016.2	N.A.	17.7
FM (30-60)	2981.6	N.A.	52.0
FH (60-80)	1454.2	N.A.	25.3
FVH(80-90)	33.8	N.A.	0.6
BL (0-30)	174.6	N.A.	3.0
BM (30-60)	62.6	N.A.	1.1
BH (60-80)	12.8	N.A.	0.2
BVH(80-90)	2.1	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	5737.9	N.A.	100.0

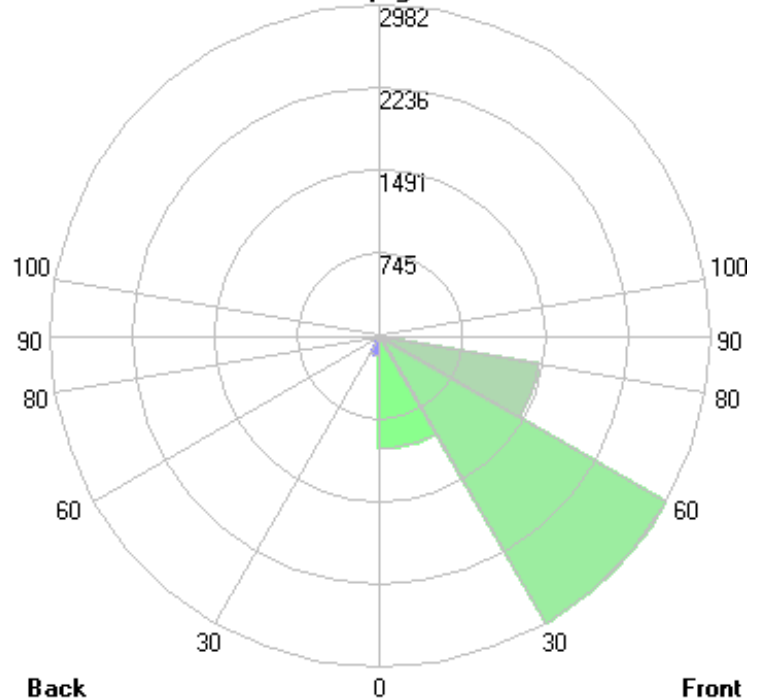
BUG Rating B1-U0-G1



Mounting Height: 20 ft. (Pole 1908HR) | Grid Spacing: 20 ft.

Luminaire Lumens

Uplight



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