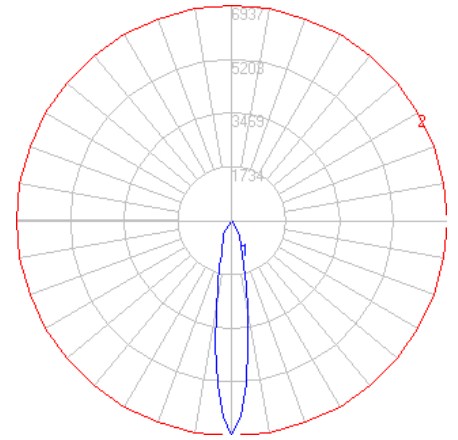


# BEGA

Photometric Filename: 66698K4.IES

TEST: BE\_66698K4  
TEST LAB: BEGA  
DATE: 11/07/2016  
LUMINAIRE: 66 698K4  
LAMP: 12.3W LED



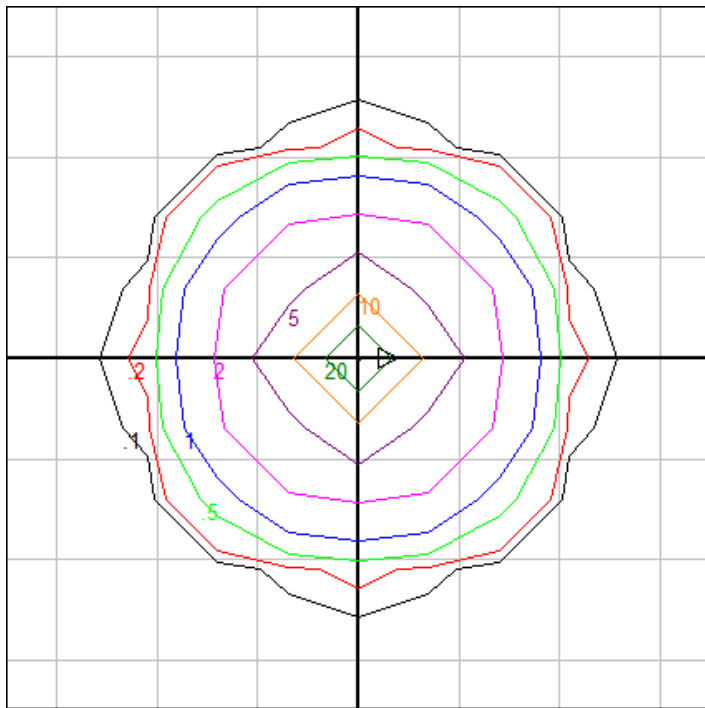
## Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1300
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	14.1
Ballast Factor	1.00
Upward Waste Light Ratio	N.A.
Max. Cd.	6937.3 (0H, 0V)
Max. Cd. (<90 Vert.)	6937.3 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	.7 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.8 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

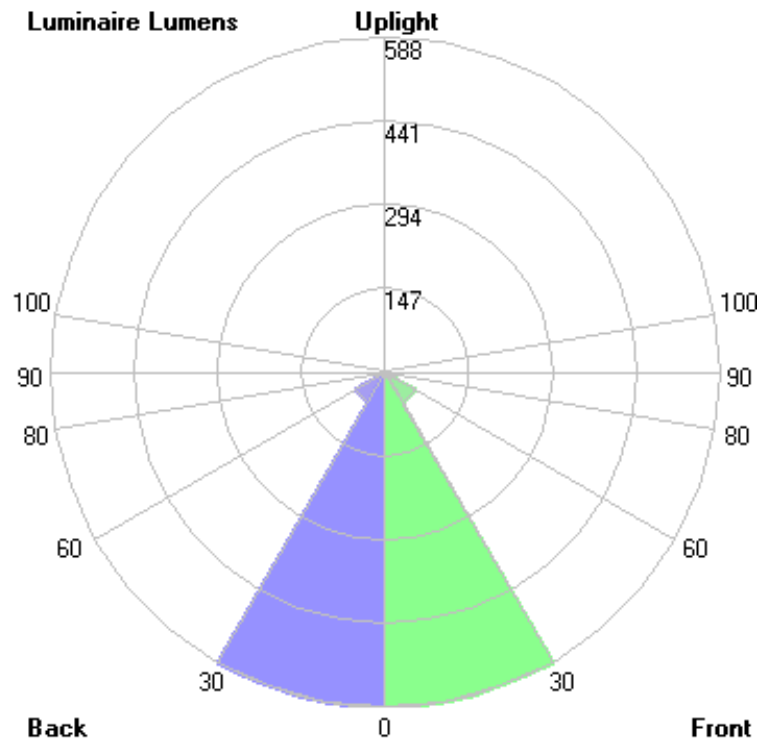
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	587.8	N.A.	45.2
FM (30-60)	60.3	N.A.	4.6
FH (60-80)	1.2	N.A.	0.1
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	587.8	N.A.	45.2
BM (30-60)	60.3	N.A.	4.6
BH (60-80)	1.2	N.A.	0.1
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1299.5	N.A.	100.0

BUG Rating B2-U1-G0



Mounting Height = 15 ft. Grid Spacing = 5 ft.



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

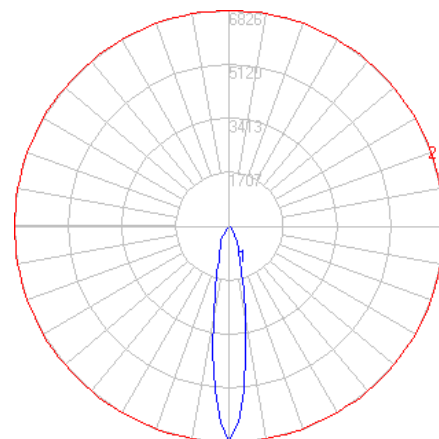
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# BEGA

Photometric Filename: 66698K35.IES

TEST: BE\_66698K4  
TEST LAB: BEGA  
DATE: 11/07/2016  
LUMINAIRE: 66 698K35  
LAMP: 12.3W LED



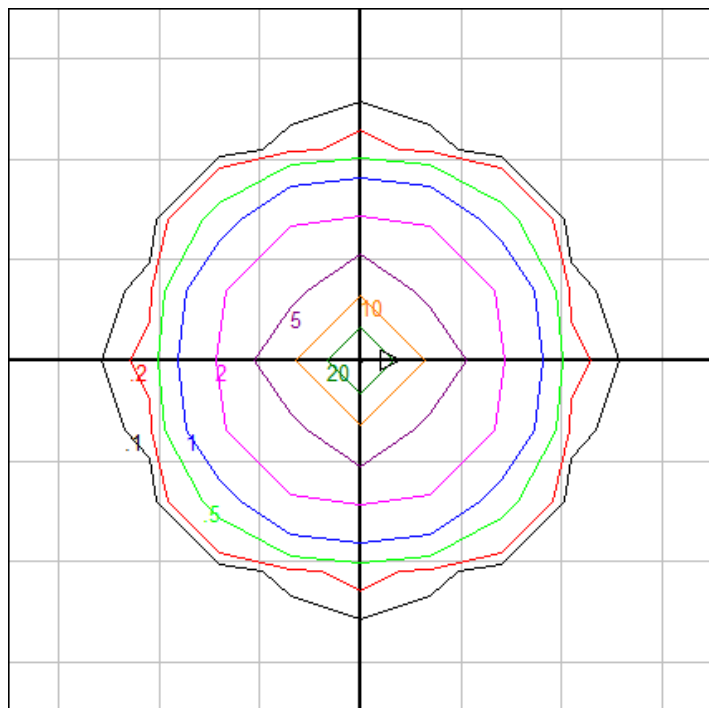
## Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1279
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	14.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	6826.303 (360H, 0V)
Max. Cd. (<90 Vert.)	6826.303 (360H, 0V)
Max. Cd. (At 90 Deg. Vert.)	.689 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.787 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

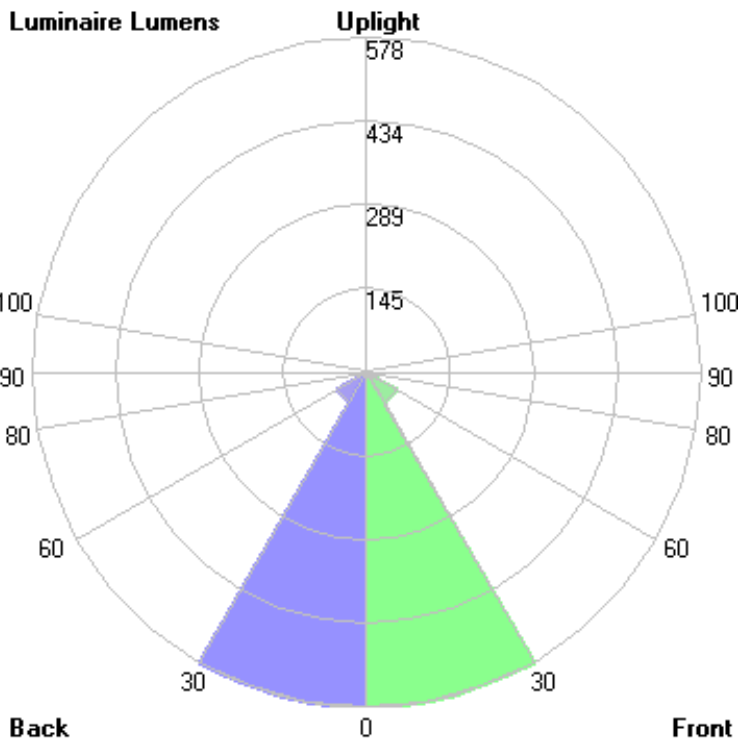
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	578.4	N.A.	45.2
FM (30-60)	59.4	N.A.	4.6
FH (60-80)	1.1	N.A.	0.1
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	578.4	N.A.	45.2
BM (30-60)	59.4	N.A.	4.6
BH (60-80)	1.1	N.A.	0.1
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1278.7	N.A.	100.0

BUG Rating B2-U1-G0



Mounting Height = 15 ft. Grid Spacing = 5 ft.



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

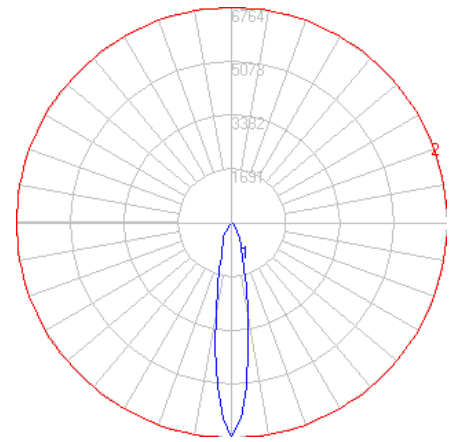
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# BEGA

Photometric Filename: 66698K3.IES

TEST: BE\_66698K4  
TEST LAB: BEGA  
DATE: 11/07/2016  
LUMINAIRE: 66 698K3  
LAMP: 12.3W LED



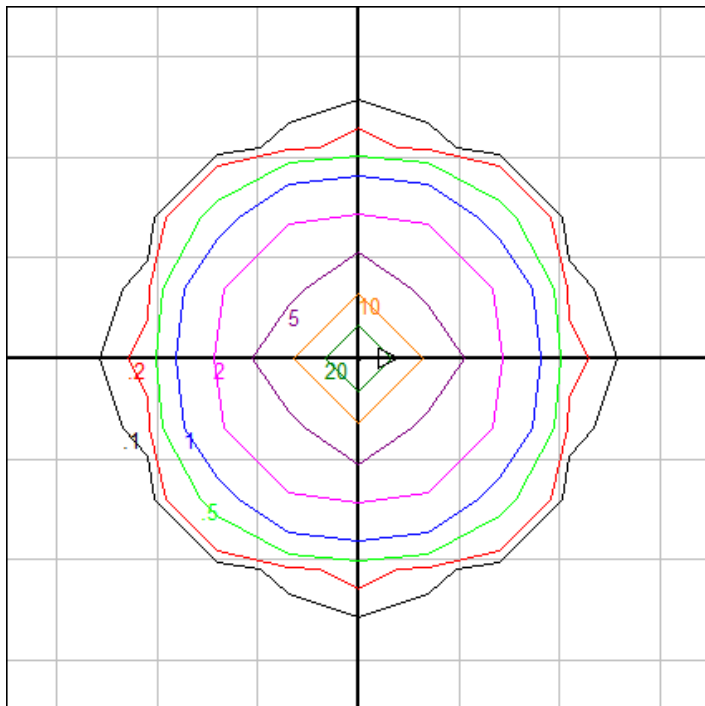
## Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1267
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	14.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	6763.868 (360H, 0V)
Max. Cd. (<90 Vert.)	6763.868 (360H, 0V)
Max. Cd. (At 90 Deg. Vert.)	.683 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.78 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

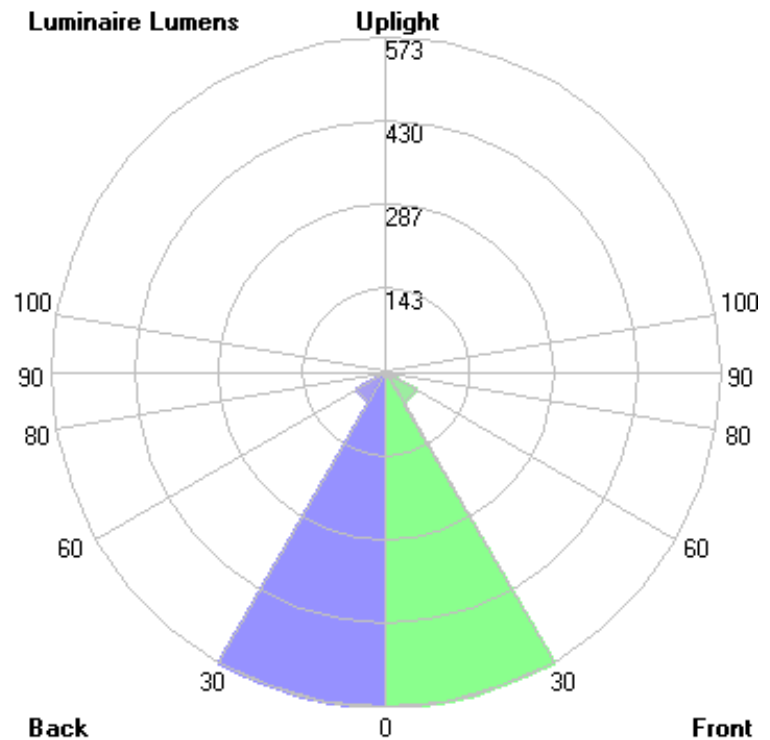
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	573.1	N.A.	45.2
FM (30-60)	58.8	N.A.	4.6
FH (60-80)	1.1	N.A.	0.1
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	573.1	N.A.	45.2
BM (30-60)	58.8	N.A.	4.6
BH (60-80)	1.1	N.A.	0.1
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1266.9	N.A.	100.0

BUG Rating B2-U1-G0



Mounting Height = 15 ft. Grid Spacing = 5 ft.



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

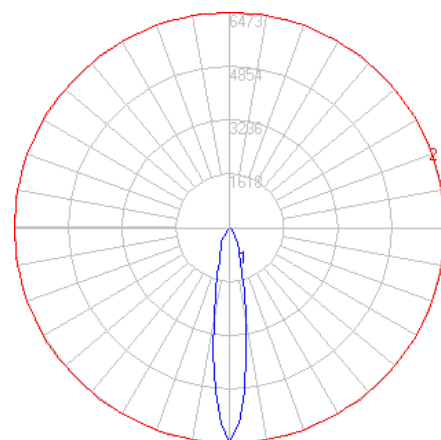
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# BEGA

Photometric Filename: 66698K27.IES

TEST: BE\_66698K4  
TEST LAB: BEGA  
DATE: 11/07/2016  
LUMINAIRE: 66 698K27  
LAMP: 12.3W LED



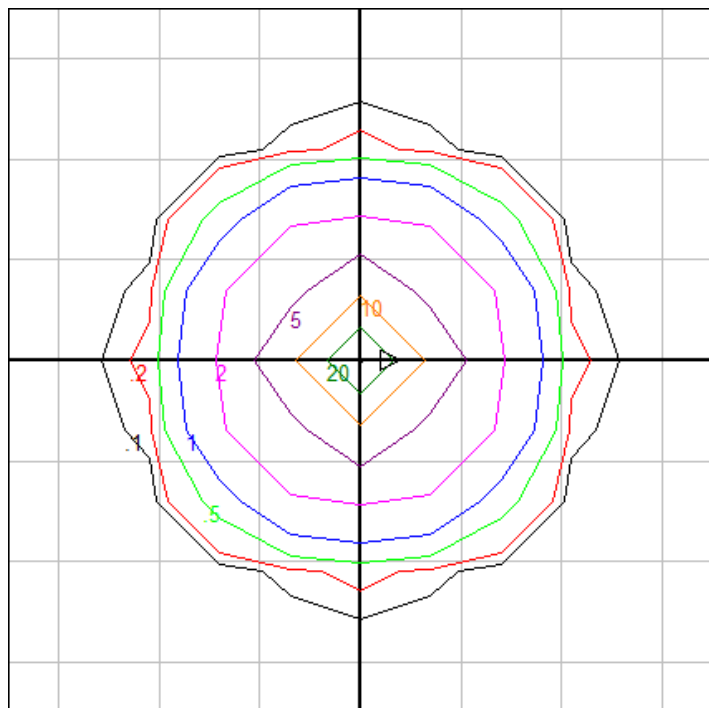
## Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1213
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	14.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	6472.501 (360H, 0V)
Max. Cd. (<90 Vert.)	6472.501 (360H, 0V)
Max. Cd. (At 90 Deg. Vert.)	.653 (0.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.746 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

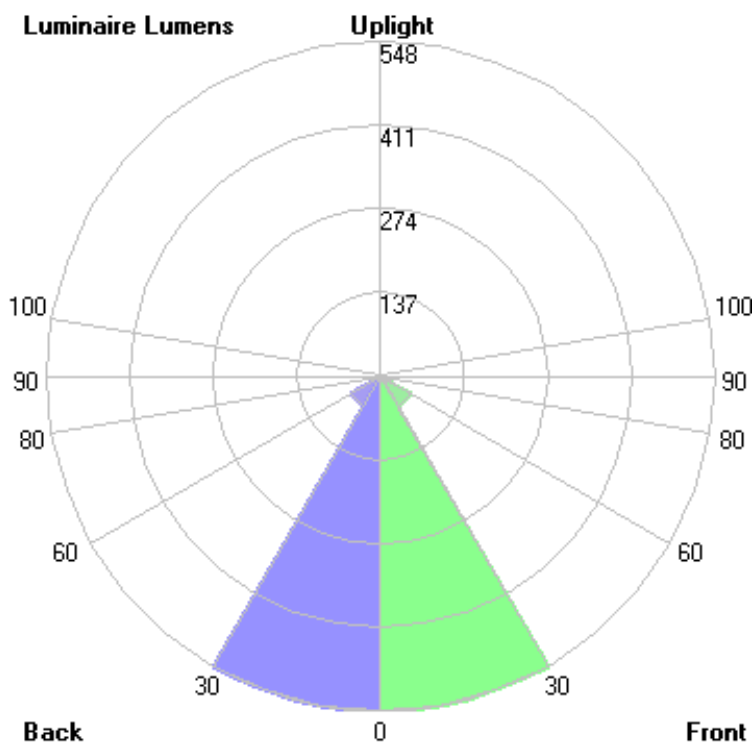
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	548.5	N.A.	45.2
FM (30-60)	56.3	N.A.	4.6
FH (60-80)	1.1	N.A.	0.1
FVH(80-90)	0.4	N.A.	0.0
BL (0-30)	548.5	N.A.	45.2
BM (30-60)	56.3	N.A.	4.6
BH (60-80)	1.1	N.A.	0.1
BVH(80-90)	0.4	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1212.7	N.A.	100.0

BUG Rating B2-U1-G0



Mounting Height = 15 ft. Grid Spacing = 5 ft.



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