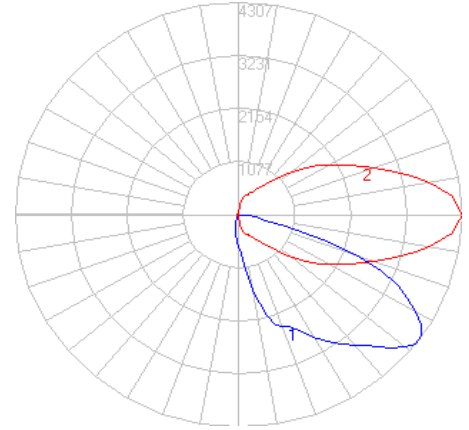


# BEGA

File: 24351K4\_BEGA\_IES.IES

TEST: BE\_24351K4  
TEST LAB: BEGA  
DATE: 02/26/2019  
LUMINAIRE: 24351K4  
LAMP: 21.3W LED



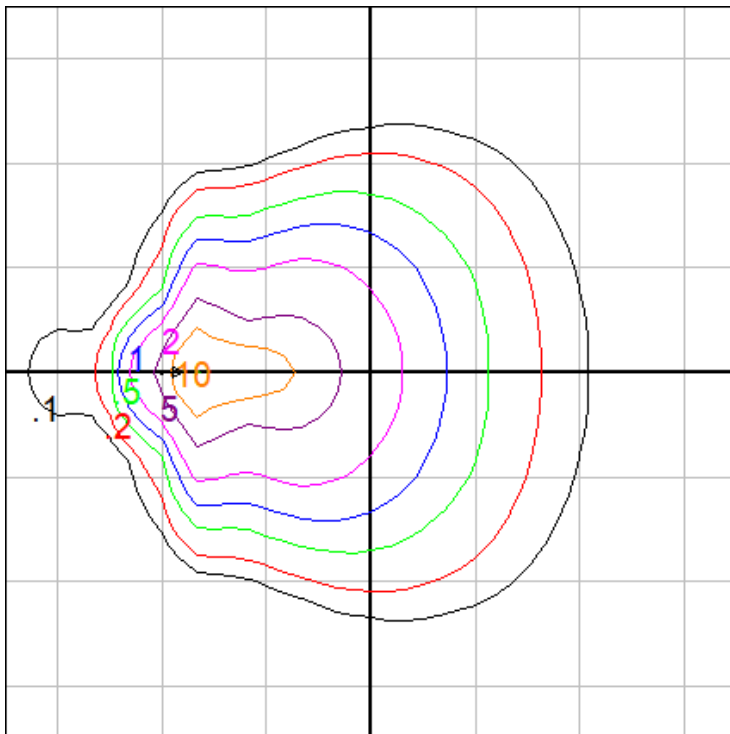
## Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3351
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	26
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	4307.4 (360H, 55V)
Max. Cd. (<90 Vert.)	4307.4 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	316.8 (9.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	573.2	N.A.	17.1
FM (30-60)	1683.0	N.A.	50.2
FH (60-80)	927.9	N.A.	27.7
FVH(80-90)	23.7	N.A.	0.7
BL (0-30)	98.5	N.A.	2.9
BM (30-60)	36.7	N.A.	1.1
BH (60-80)	7.3	N.A.	0.2
BVH(80-90)	0.7	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3351.0	N.A.	100.0

BUG Rating B0-U0-G1

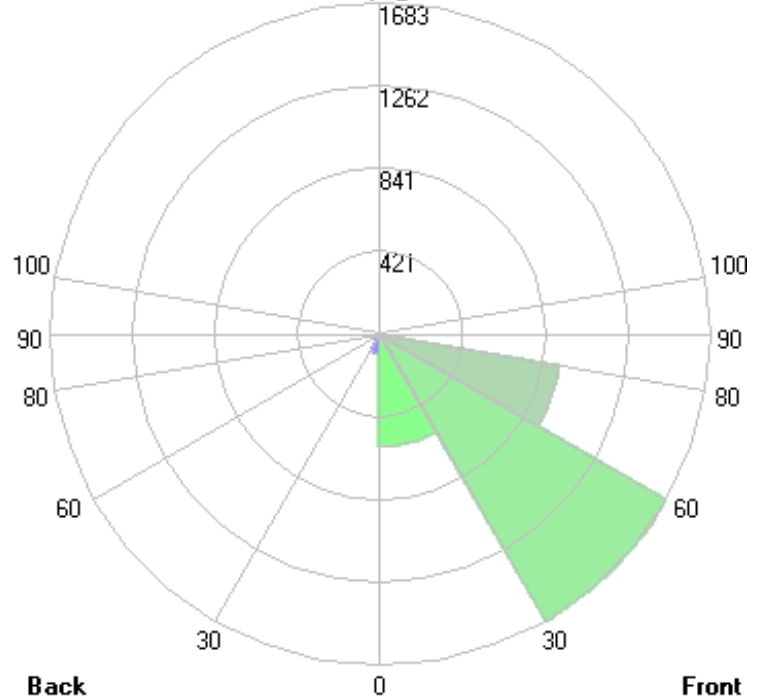


Mounting Height: 10 ft.

Grid Spacing: 10 ft.

Luminaire Lumens

Uplight



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

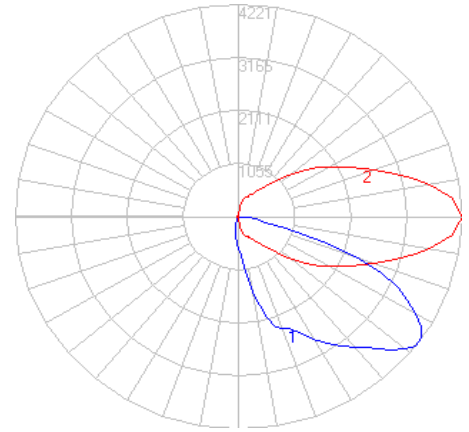
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# BEGA

File: 24351K35\_BEGA\_IES.IES

TEST: BE\_24351K4  
TEST LAB: BEGA  
DATE: 02/26/2019  
LUMINAIRE: 24351K35  
LAMP: 21.3W LED



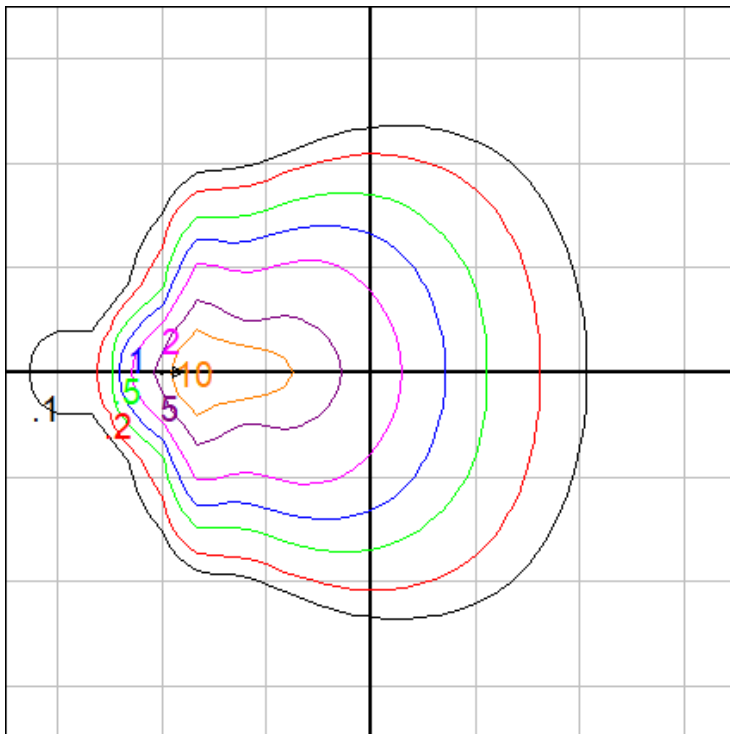
## Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3284
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	26
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	4221.252 (360H, 55V)
Max. Cd. (<90 Vert.)	4221.252 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	310.464 (9.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

## Lum. Classification System (LCS)

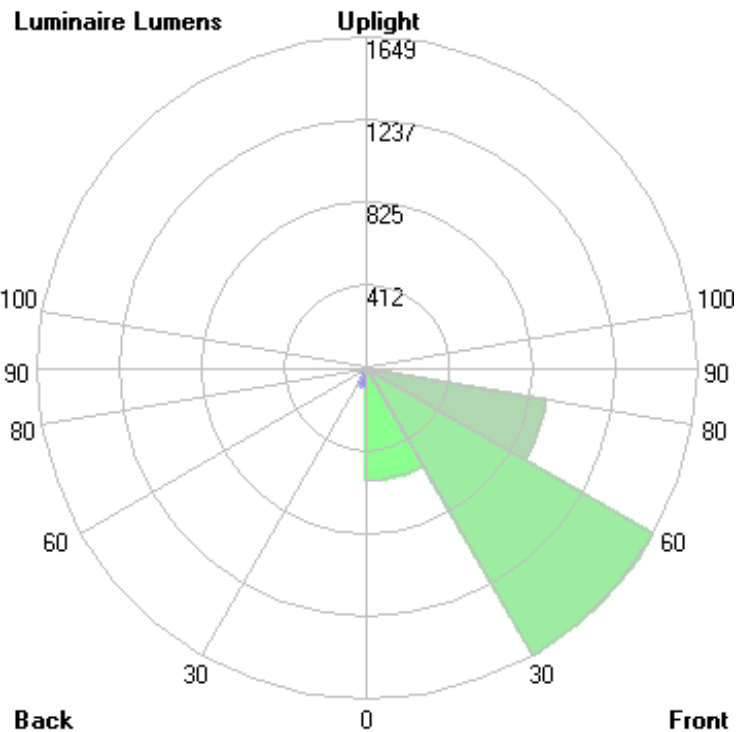
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	561.7	N.A.	17.1
FM (30-60)	1649.3	N.A.	50.2
FH (60-80)	909.4	N.A.	27.7
FVH(80-90)	23.3	N.A.	0.7
BL (0-30)	96.5	N.A.	2.9
BM (30-60)	36.0	N.A.	1.1
BH (60-80)	7.1	N.A.	0.2
BVH(80-90)	0.7	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3284.0	N.A.	100.0

BUG Rating B0-U0-G1



Mounting Height: 10 ft.

Grid Spacing: 10 ft.



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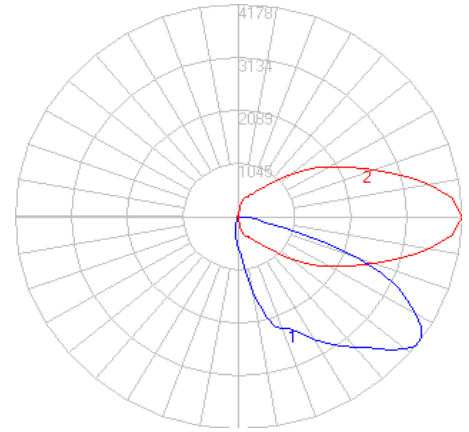
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# BEGA

File: 24351K3\_BEGA\_IES.IES

TEST: BE\_24351K4  
TEST LAB: BEGA  
DATE: 02/26/2019  
LUMINAIRE: 24351K3  
LAMP: 21.3W LED



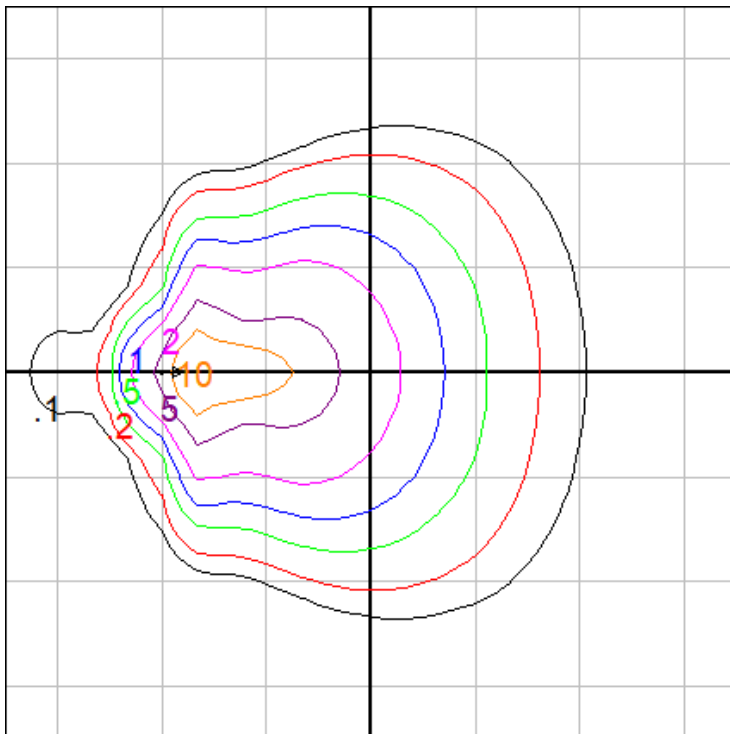
## Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3250
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	26
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	4178.178 (360H, 55V)
Max. Cd. (<90 Vert.)	4178.178 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	307.296 (9.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	556.0	N.A.	17.1
FM (30-60)	1632.5	N.A.	50.2
FH (60-80)	900.1	N.A.	27.7
FVH(80-90)	23.0	N.A.	0.7
BL (0-30)	95.5	N.A.	2.9
BM (30-60)	35.6	N.A.	1.1
BH (60-80)	7.0	N.A.	0.2
BVH(80-90)	0.7	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3250.4	N.A.	100.0

BUG Rating B0-U0-G1

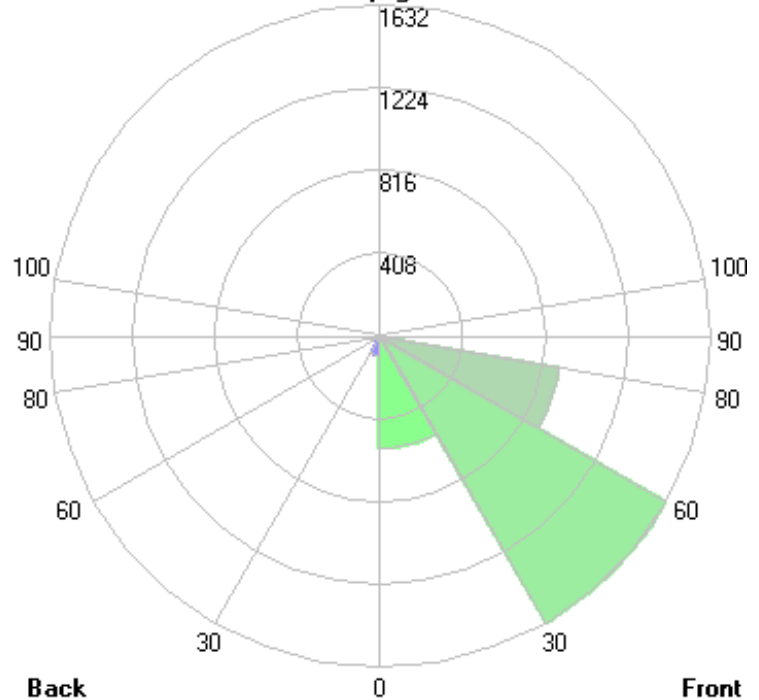


Mounting Height: 10 ft.

Grid Spacing: 10 ft.

## Luminaire Lumens

## Uplight



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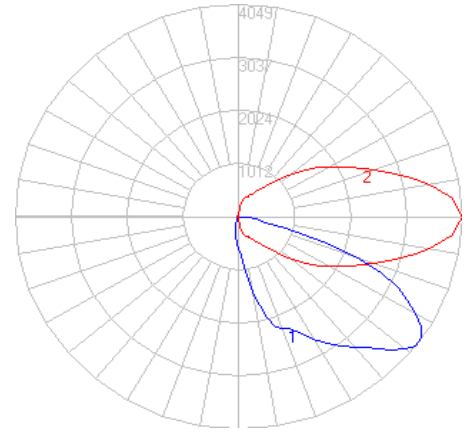
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# BEGA

File: 24351K27\_BEGA\_IES.IES

TEST: BE\_24351K4  
TEST LAB: BEGA  
DATE: 02/26/2019  
LUMINAIRE: 24351K27  
LAMP: 21.3W LED



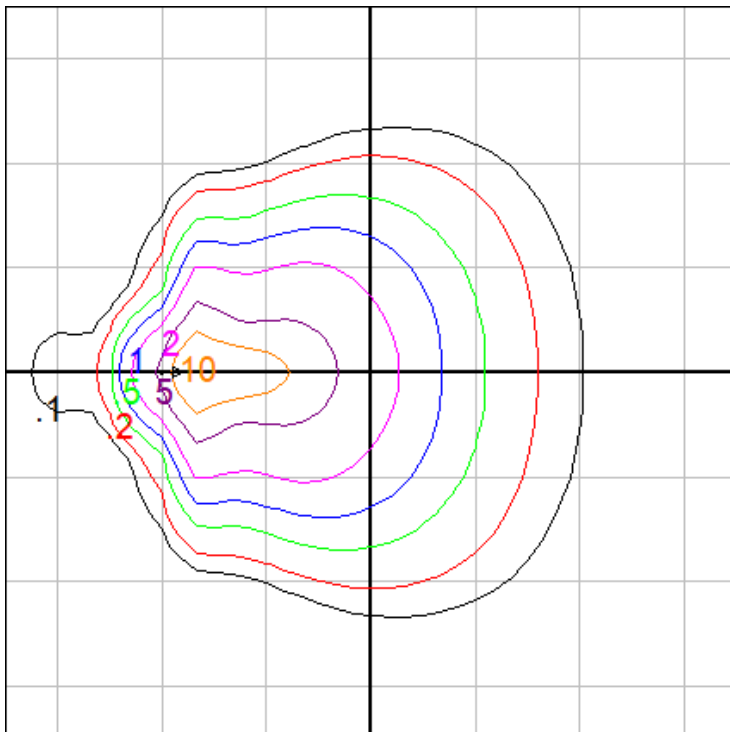
## Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3150
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	26
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	4048.956 (360H, 55V)
Max. Cd. (<90 Vert.)	4048.956 (360H, 55V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	97.792 (9.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	538.8	N.A.	17.1
FM (30-60)	1582.0	N.A.	50.2
FH (60-80)	872.2	N.A.	27.7
FVH(80-90)	22.3	N.A.	0.7
BL (0-30)	92.6	N.A.	2.9
BM (30-60)	34.5	N.A.	1.1
BH (60-80)	6.8	N.A.	0.2
BVH(80-90)	0.7	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3149.9	N.A.	100.0

BUG Rating B0-U0-G1

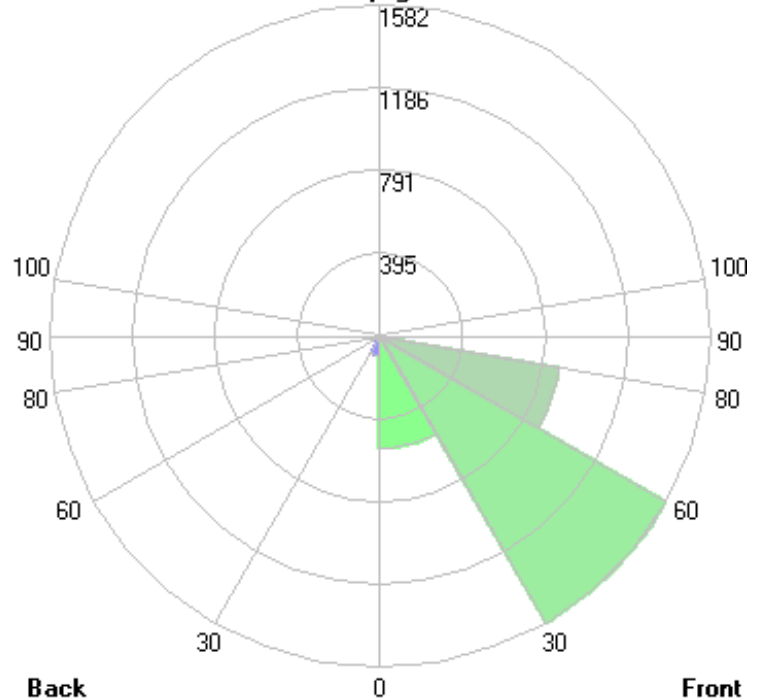


Mounting Height: 10 ft.

Grid Spacing: 10 ft.

## Luminaire Lumens

## Uplight



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