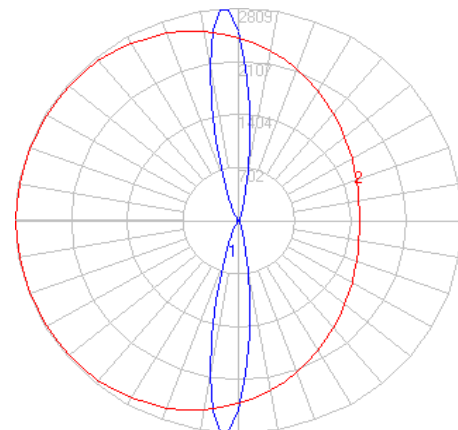


# BEGA

File: 24135K4\_BEGA\_IES.ies

TEST: BE\_24135K4  
 TEST LAB: BEGA  
 DATE: 01/25/2019  
 LUMINAIRE: 24135K4  
 LAMP: 33.6W LED



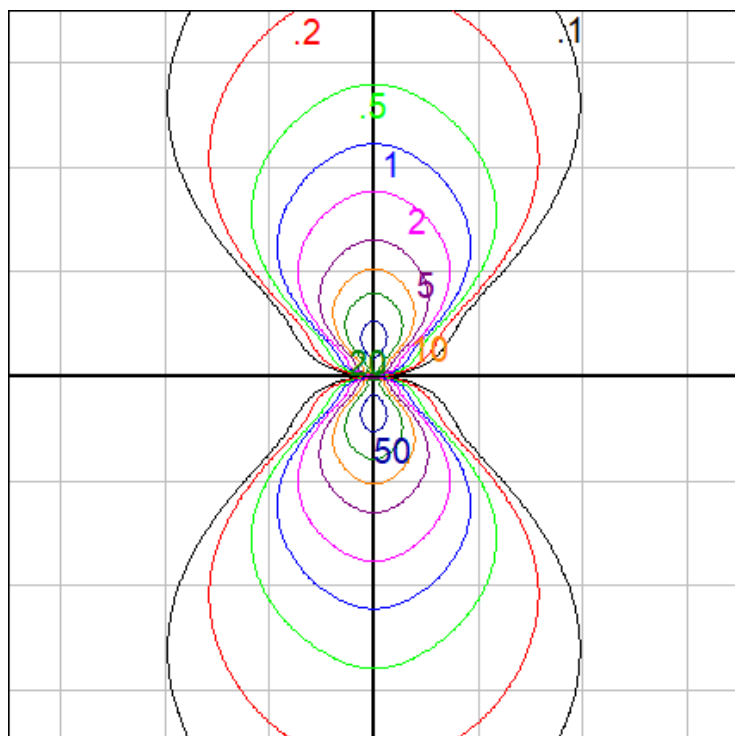
## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2052
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	39
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.49 ft
Luminous Width (90-270)	0.36 ft
Luminous Height	0.00 ft

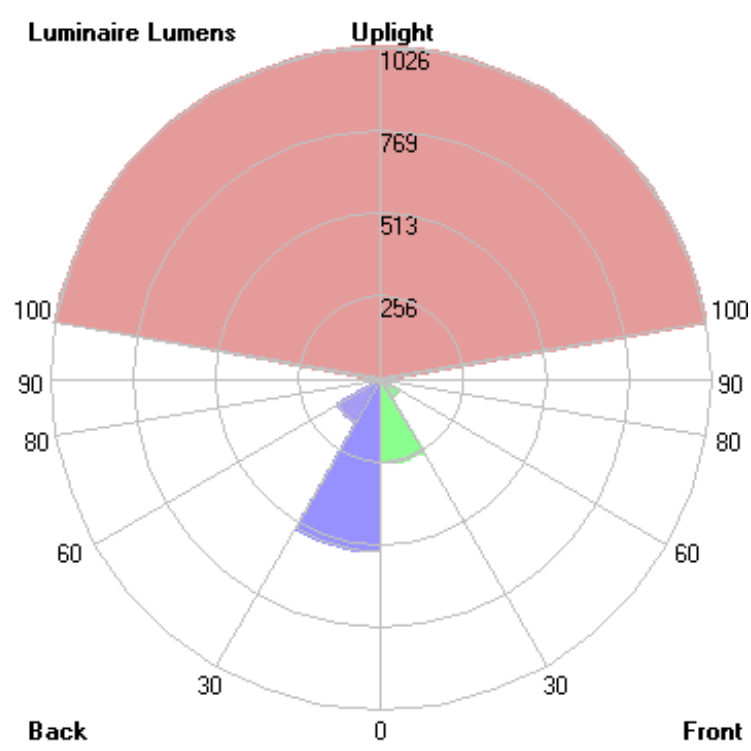
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	259.6	N.A.	12.7
FM (30-60)	64.6	N.A.	3.2
FH (60-80)	3.9	N.A.	0.2
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	534.0	N.A.	26.0
BM (30-60)	155.0	N.A.	7.6
BH (60-80)	8.5	N.A.	0.4
BVH(80-90)	0.2	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	1025.7	N.A.	50.0
<b>Total</b>	<b>2051.9</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B2-U5-G0**



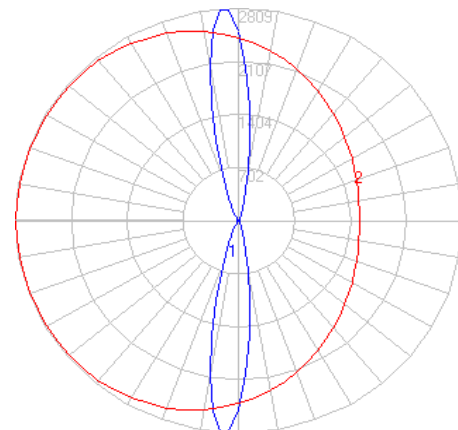
Grid Spacing: 5 ft. Isofootcandle grid on wall



# BEGA

File: 24135K35\_BEGA\_IES.ies

TEST: BE\_24135K4  
 TEST LAB: BEGA  
 DATE: 01/25/2019  
 LUMINAIRE: 24135K35  
 LAMP: 33.6W LED



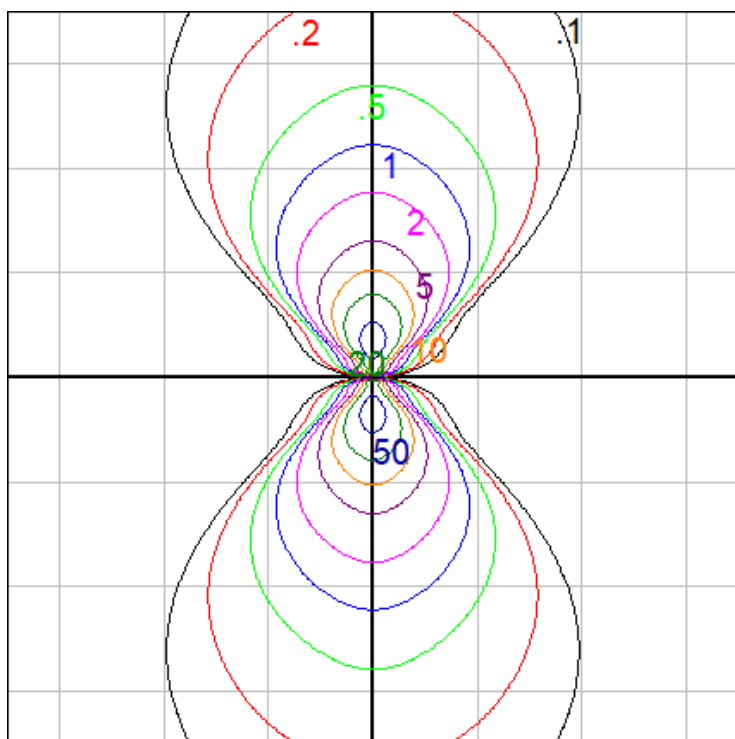
### Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2052
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	39
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.49 ft
Luminous Width (90-270)	0.36 ft
Luminous Height	0.00 ft

### Lum. Classification System (LCS)

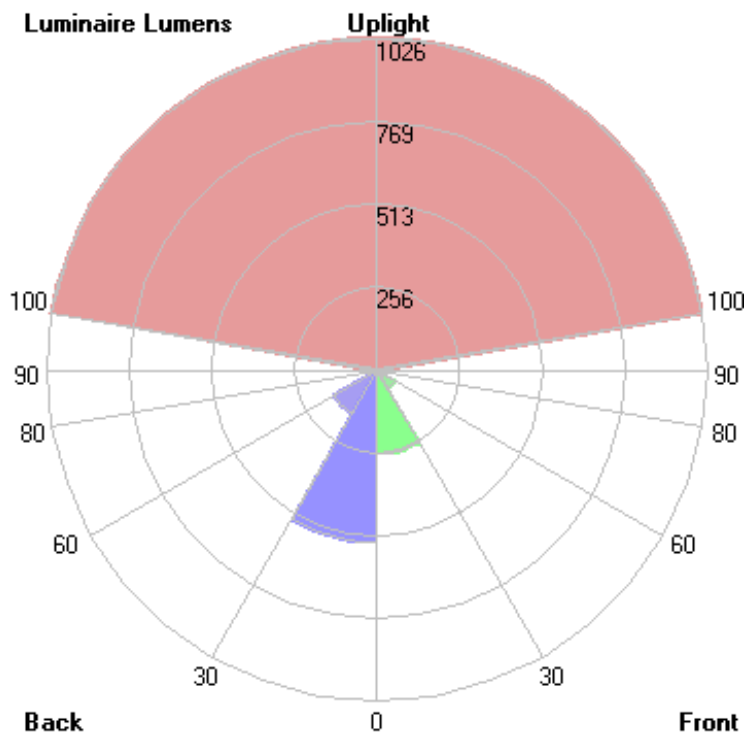
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	259.6	N.A.	12.7
FM (30-60)	64.6	N.A.	3.2
FH (60-80)	3.9	N.A.	0.2
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	534.0	N.A.	26.0
BM (30-60)	155.0	N.A.	7.6
BH (60-80)	8.5	N.A.	0.4
BVH(80-90)	0.2	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	1025.7	N.A.	50.0
<b>Total</b>	<b>2051.9</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B2-U5-G0**



Grid Spacing: 5 ft.

Isofootcandle grid on wall

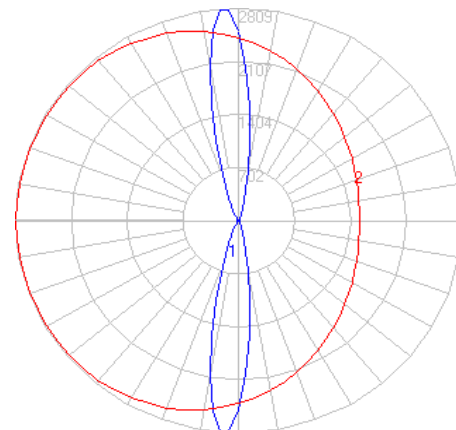


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 24135K3\_BEGA\_IES.ies

TEST: BE\_24135K4  
 TEST LAB: BEGA  
 DATE: 01/25/2019  
 LUMINAIRE: 24135K3  
 LAMP: 33.6W LED



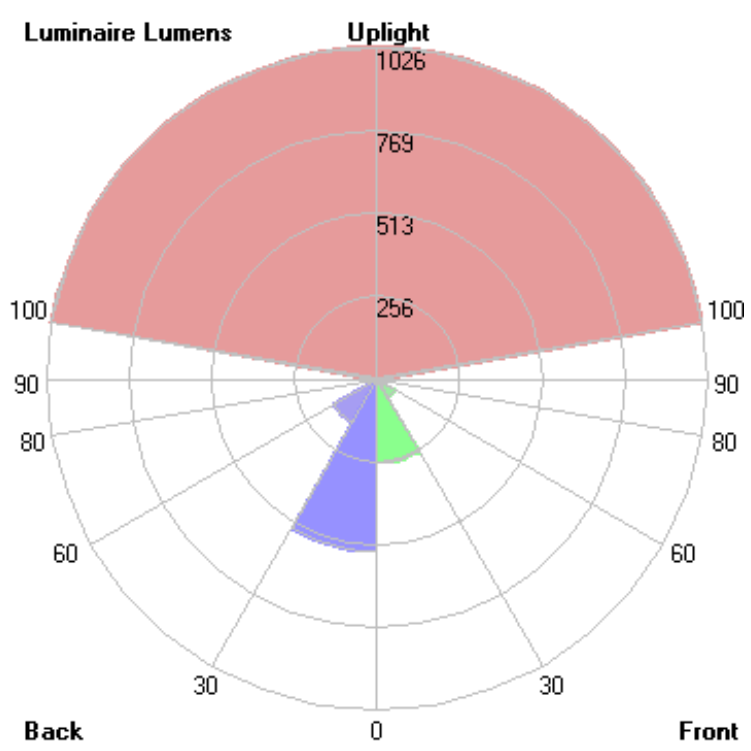
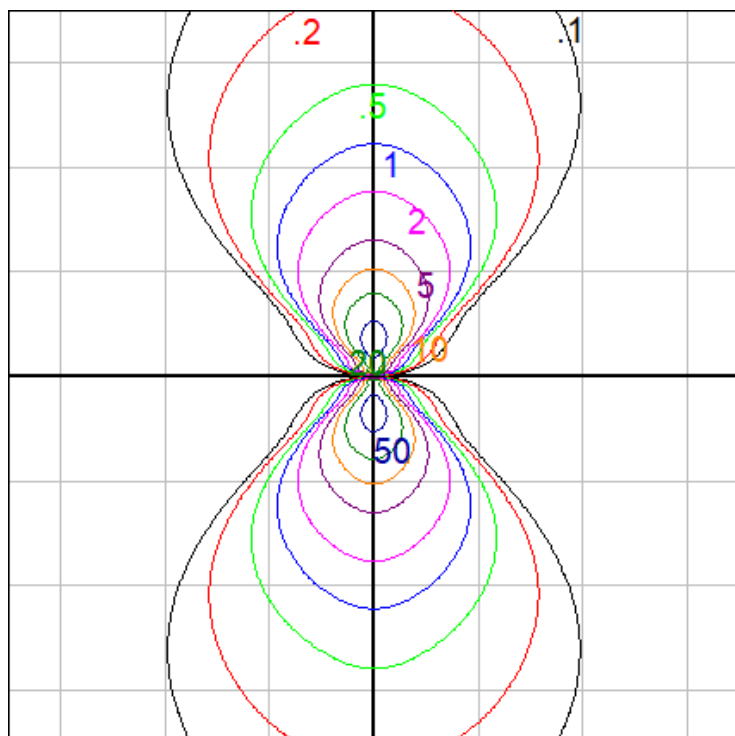
## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2052
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	39
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.49 ft
Luminous Width (90-270)	0.36 ft
Luminous Height	0.00 ft

## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	259.6	N.A.	12.7
FM (30-60)	64.6	N.A.	3.2
FH (60-80)	3.9	N.A.	0.2
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	534.0	N.A.	26.0
BM (30-60)	155.0	N.A.	7.6
BH (60-80)	8.5	N.A.	0.4
BVH(80-90)	0.2	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	1025.7	N.A.	50.0
<b>Total</b>	<b>2051.9</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B2-U5-G0**



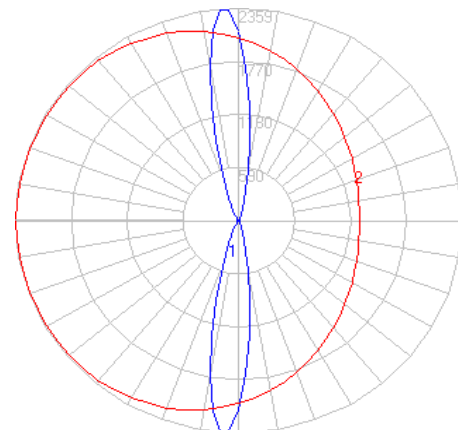
Grid Spacing: 5 ft. Isofootcandle grid on wall

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

# BEGA

File: 24135K27\_BEGA\_IES.ies

TEST: BE\_24135K4  
 TEST LAB: BEGA  
 DATE: 01/25/2019  
 LUMINAIRE: 24135K27  
 LAMP: 33.6W LED



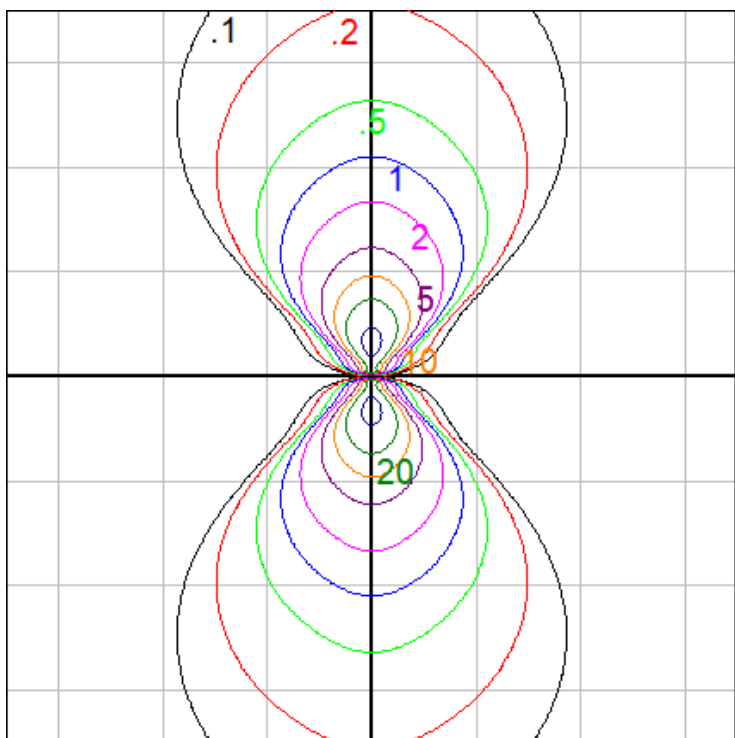
## Characteristics

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1724
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	44
Total Luminaire Watts	39
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.49 ft
Luminous Width (90-270)	0.36 ft
Luminous Height	0.00 ft

## Lum. Classification System (LCS)

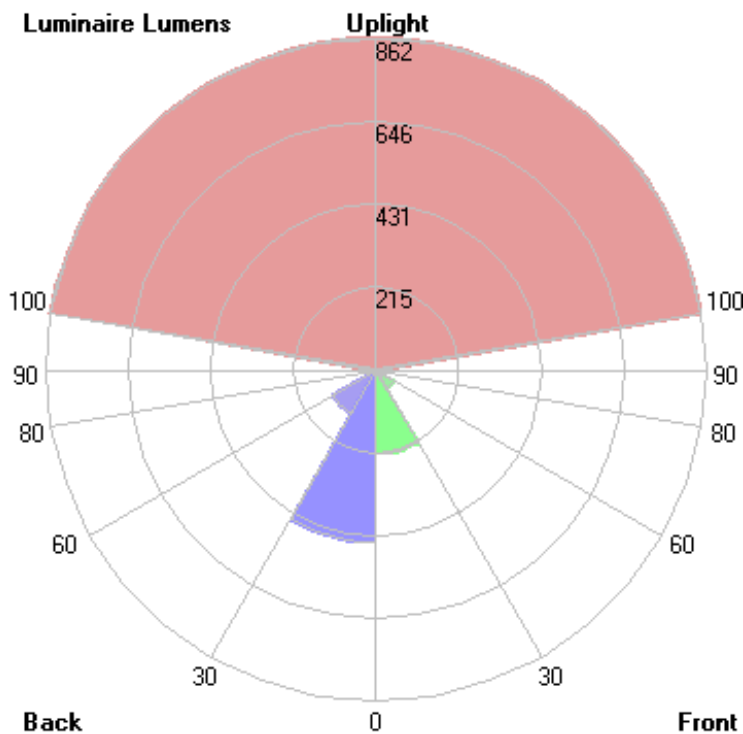
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	218.1	N.A.	12.7
FM (30-60)	54.3	N.A.	3.2
FH (60-80)	3.3	N.A.	0.2
FVH(80-90)	0.1	N.A.	0.0
BL (0-30)	448.6	N.A.	26.0
BM (30-60)	130.2	N.A.	7.6
BH (60-80)	7.2	N.A.	0.4
BVH(80-90)	0.1	N.A.	0.0
UL (90-100)	0.3	N.A.	0.0
UH (100-180)	861.6	N.A.	50.0
<b>Total</b>	<b>1723.8</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B1-U4-G0**



Grid Spacing: 5 ft.

Isofootcandle grid on wall



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