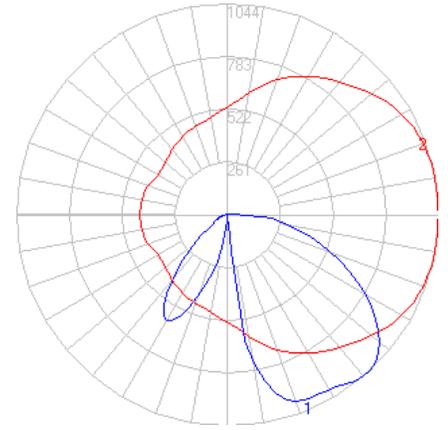


# BEGA

File: 84482K4\_BEGA\_IES.ies

TEST: BE\_84482K4  
 TEST LAB: BEGA  
 DATE: 06/29/2020  
 LUMINAIRE: 84482K4  
 LAMP: 24W LED



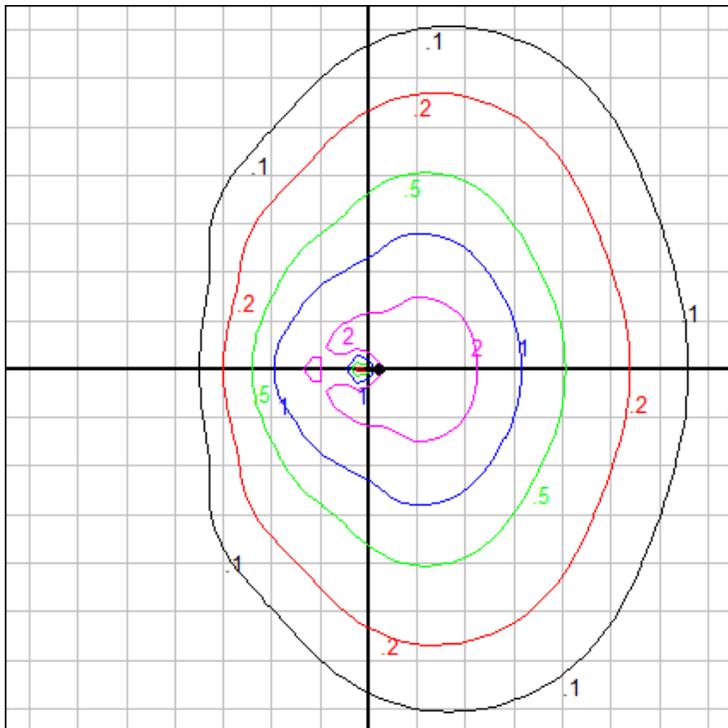
## Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3009
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	28
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	1044.2 (355H, 40V)
Max. Cd. (<90 Vert.)	1044.2 (355H, 40V)
Max. Cd. (At 90 Deg. Vert.)	148.9 (4.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	497.2 (16.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

## Lum. Classification System (LCS)

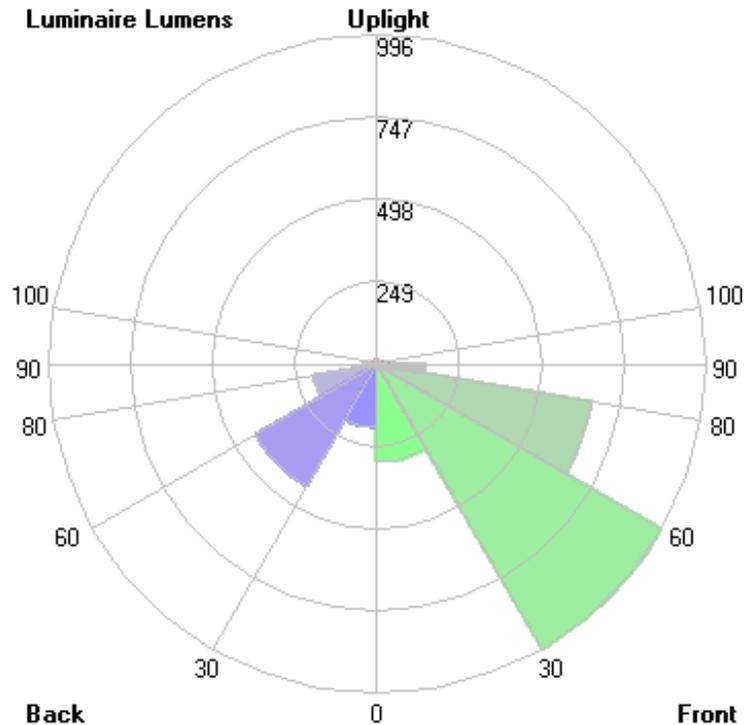
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	296.0	N.A.	9.8
FM (30-60)	996.0	N.A.	33.1
FH (60-80)	660.7	N.A.	22.0
FVH(80-90)	148.5	N.A.	4.9
BL (0-30)	192.8	N.A.	6.4
BM (30-60)	426.4	N.A.	14.2
BH (60-80)	192.8	N.A.	6.4
BVH(80-90)	47.1	N.A.	1.6
UL (90-100)	39.2	N.A.	1.3
UH (100-180)	9.9	N.A.	0.3
Total	3009.4	N.A.	100.0

**BUG Rating B1-U2-G2**



Mounting Height: 14 ft.

Grid Spacing: 6 ft.



Back

0

Front

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

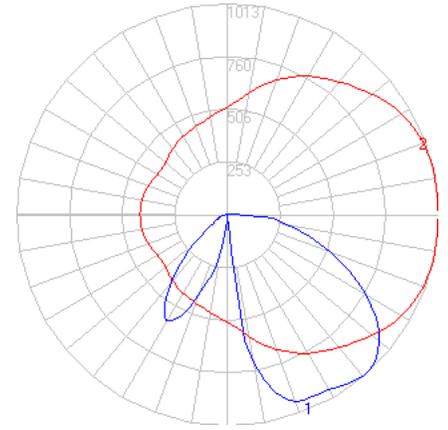
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2022

3/05/2026

# BEGA

File: 84482K35\_BEGA\_IES.ies

TEST: BE\_84482K4  
 TEST LAB: BEGA  
 DATE: 06/29/2020  
 LUMINAIRE: 84482K35  
 LAMP: 24W LED



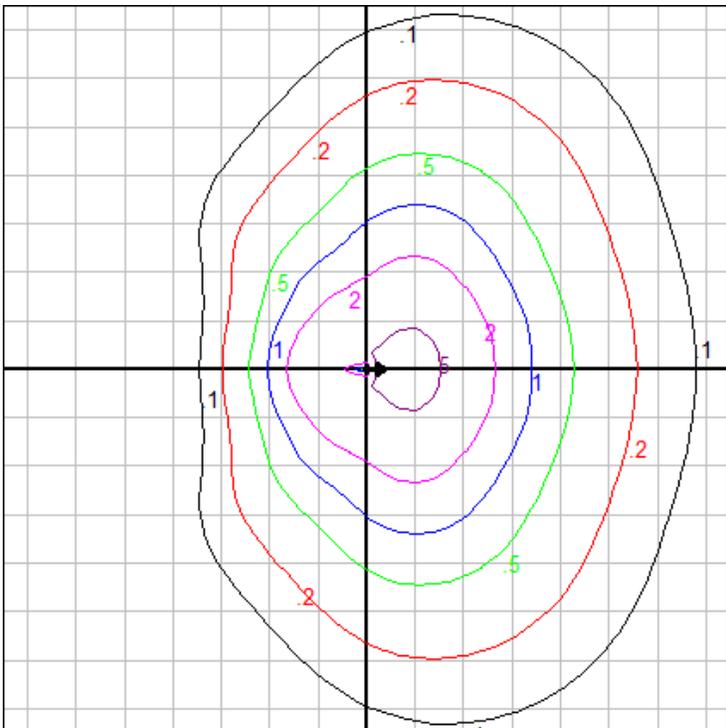
### Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2919
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	28
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	1012.874 (355H, 40V)
Max. Cd. (<90 Vert.)	1012.874 (355H, 40V)
Max. Cd. (At 90 Deg. Vert.)	144.433 (4.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	482.284 (16.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

### Lum. Classification System (LCS)

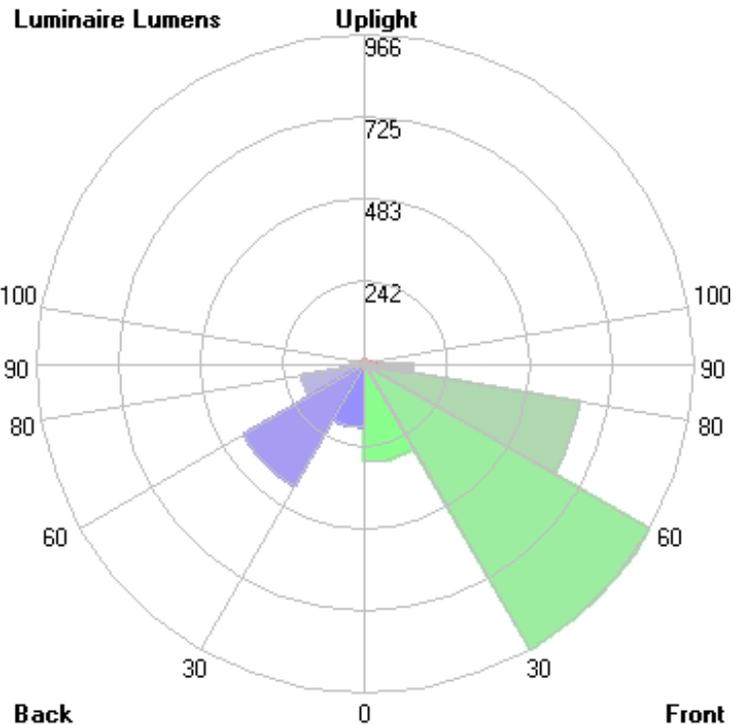
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	287.1	N.A.	9.8
FM (30-60)	966.1	N.A.	33.1
FH (60-80)	640.9	N.A.	22.0
FVH(80-90)	144.1	N.A.	4.9
BL (0-30)	187.0	N.A.	6.4
BM (30-60)	413.6	N.A.	14.2
BH (60-80)	187.0	N.A.	6.4
BVH(80-90)	45.6	N.A.	1.6
UL (90-100)	38.0	N.A.	1.3
UH (100-180)	9.6	N.A.	0.3
Total	2919.0	N.A.	100.0

**BUG Rating B1-U2-G2**



Mounting Height: 14 ft.

Grid Spacing: 6 ft.

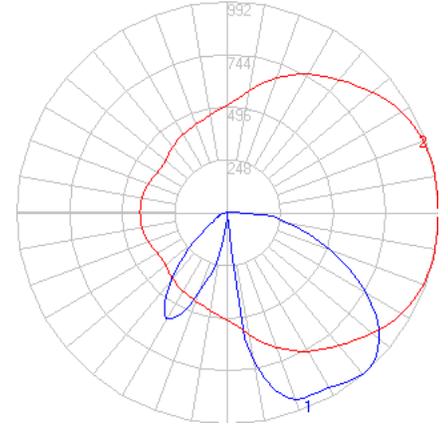
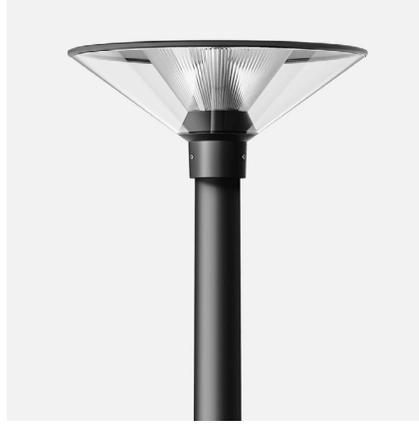


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

File: 84482K3\_BEGA\_IES.ies

TEST: BE\_84482K4  
 TEST LAB: BEGA  
 DATE: 06/29/2020  
 LUMINAIRE: 84482K3  
 LAMP: 24W LED



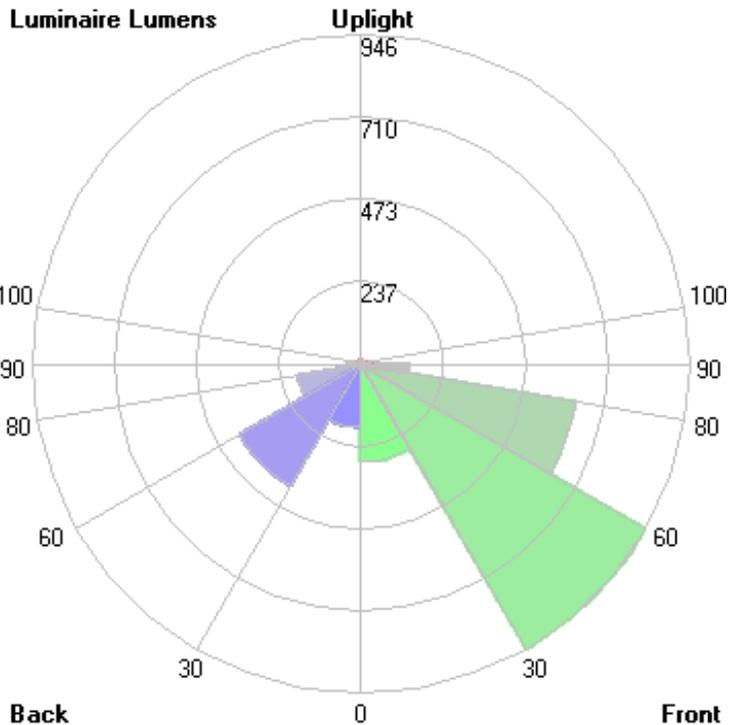
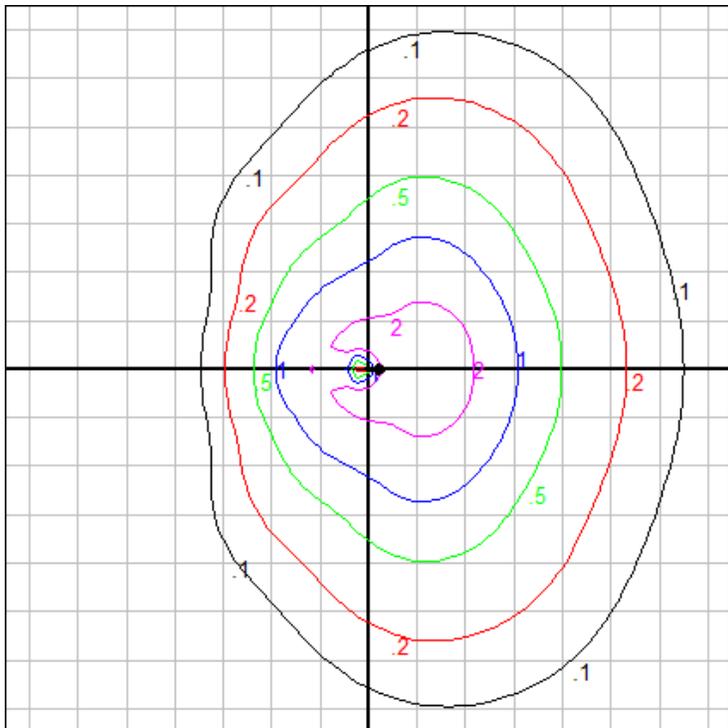
### Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2859
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	28
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	991.99 (355H, 40V)
Max. Cd. (<90 Vert.)	991.99 (355H, 40V)
Max. Cd. (At 90 Deg. Vert.)	141.455 (4.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	472.34 (16.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	281.1	N.A.	9.8
FM (30-60)	946.2	N.A.	33.1
FH (60-80)	627.7	N.A.	22.0
FVH(80-90)	141.1	N.A.	4.9
BL (0-30)	183.2	N.A.	6.4
BM (30-60)	405.1	N.A.	14.2
BH (60-80)	183.1	N.A.	6.4
BVH(80-90)	44.7	N.A.	1.6
UL (90-100)	37.3	N.A.	1.3
UH (100-180)	9.4	N.A.	0.3
Total	2858.9	N.A.	100.0

**BUG Rating B1-U2-G2**



Mounting Height: 14 ft.

Grid Spacing: 6 ft.

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

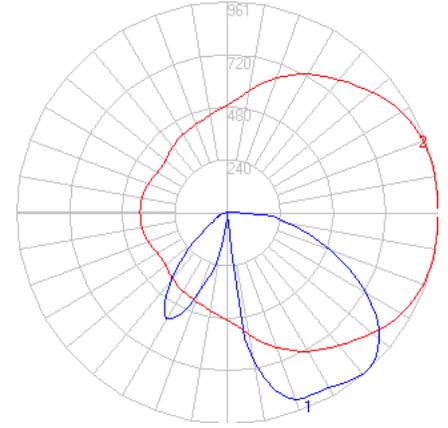
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3/05/2026

# BEGA

File: 84482K27\_BEGA\_IES.ies

TEST: BE\_84482K4  
 TEST LAB: BEGA  
 DATE: 06/29/2020  
 LUMINAIRE: 84482K27  
 LAMP: 24W LED



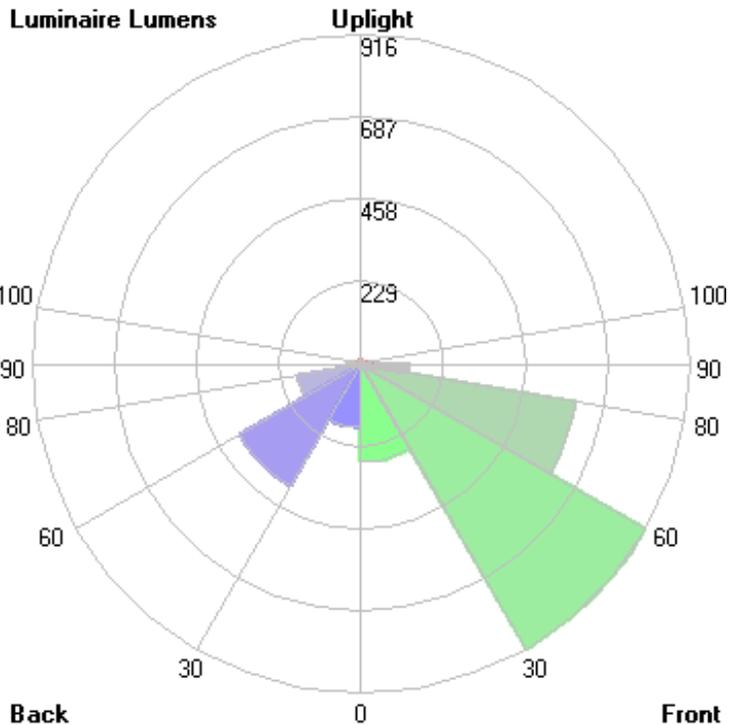
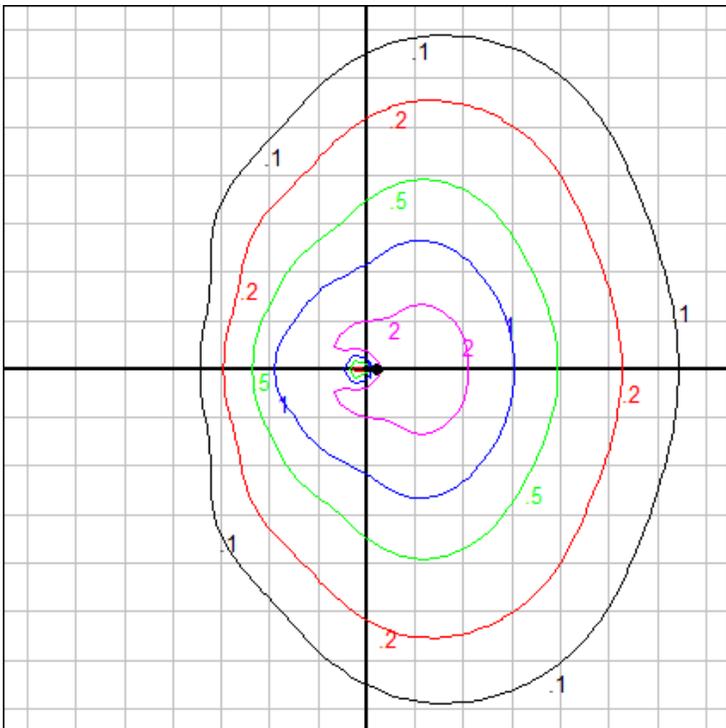
### Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2769
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	28
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	960.664 (355H, 40V)
Max. Cd. (<90 Vert.)	960.664 (355H, 40V)
Max. Cd. (At 90 Deg. Vert.)	136.988 (4.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	457.424 (16.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	272.3	N.A.	9.8
FM (30-60)	916.3	N.A.	33.1
FH (60-80)	607.8	N.A.	22.0
FVH(80-90)	136.7	N.A.	4.9
BL (0-30)	177.4	N.A.	6.4
BM (30-60)	392.3	N.A.	14.2
BH (60-80)	177.3	N.A.	6.4
BVH(80-90)	43.3	N.A.	1.6
UL (90-100)	36.1	N.A.	1.3
UH (100-180)	9.1	N.A.	0.3
Total	2768.6	N.A.	100.0

**BUG Rating B1-U2-G2**



Mounting Height: 14 ft.

Grid Spacing: 6 ft.

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