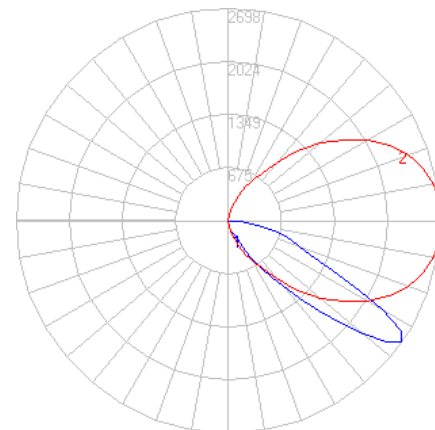


# BEGA

File: 24884K4\_BEGA\_IES.ies

TEST: BE\_24884K4  
TEST LAB: BEGA  
DATE: 07/16/2024  
LUMINAIRE: 24 884K4  
LAMP: 20W LED



## Characteristics

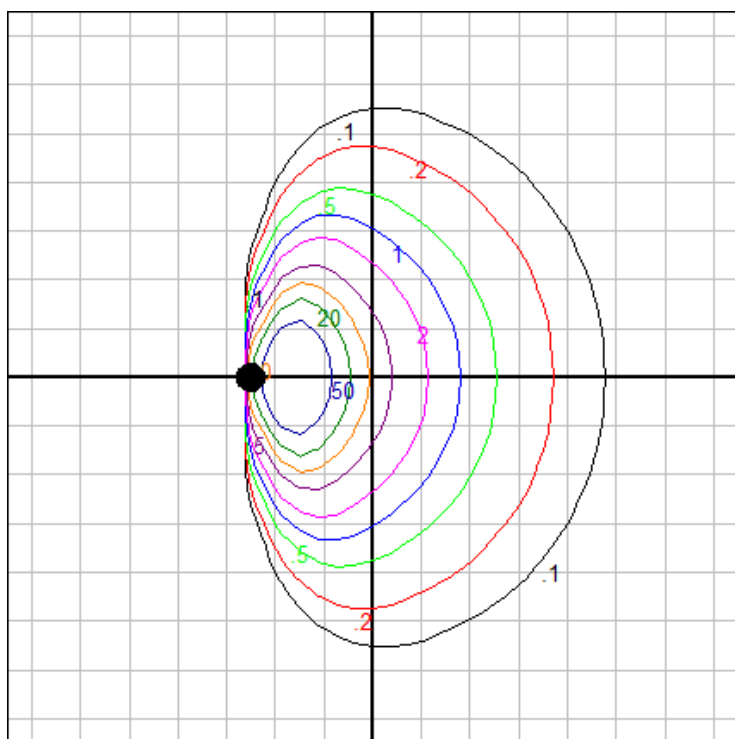
|                                    |                      |
|------------------------------------|----------------------|
| IES Classification                 | Type III             |
| Longitudinal Classification        | Very Short           |
| Lumens Per Lamp                    | N.A. (absolute)      |
| Total Lamp Lumens                  | N.A. (absolute)      |
| Luminaire Lumens                   | 1877                 |
| Downward Total Efficiency          | N.A.                 |
| Total Luminaire Efficiency         | N.A.                 |
| Luminaire Efficacy Rating (LER)    | 78                   |
| Total Luminaire Watts              | 24                   |
| Ballast Factor                     | 1.00                 |
| Upward Waste Light Ratio           | 0.00                 |
| Max. Cd.                           | 2698.207 (360H, 55V) |
| Max. Cd. (<90 Vert.)               | 2698.207 (360H, 55V) |
| Max. Cd. (At 90 Deg. Vert.)        | 10.4 (0.6%Lum)       |
| Max. Cd. (80 to <90 Deg. Vert.)    | 440.822 (23.5%Lum)   |
| Cutoff Classification (deprecated) | N.A. (absolute)      |

## Lum. Classification System (LCS)

| LCS Zone    | Lumens | %Lamp | %Lum  |
|-------------|--------|-------|-------|
| FL(0-30)    | 41.7   | N.A.  | 2.2   |
| FM(30-60)   | 982.6  | N.A.  | 52.4  |
| FH(60-80)   | 786.2  | N.A.  | 41.9  |
| FVH(80-90)  | 65.7   | N.A.  | 3.5   |
| BL(0-30)    | < 0.05 | N.A.  | 0.0   |
| BM(30-60)   | 0.0    | N.A.  | 0.0   |
| BH(60-80)   | 0.0    | N.A.  | 0.0   |
| BVH(80-90)  | 0.0    | N.A.  | 0.0   |
| UL(90-100)  | 0.6    | N.A.  | 0.0   |
| UH(100-180) | < 0.05 | N.A.  | 0.0   |
| Total       | 1876.8 | N.A.  | 100.0 |

**BUG Rating** B0-U0\*-G1

\*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplift (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.

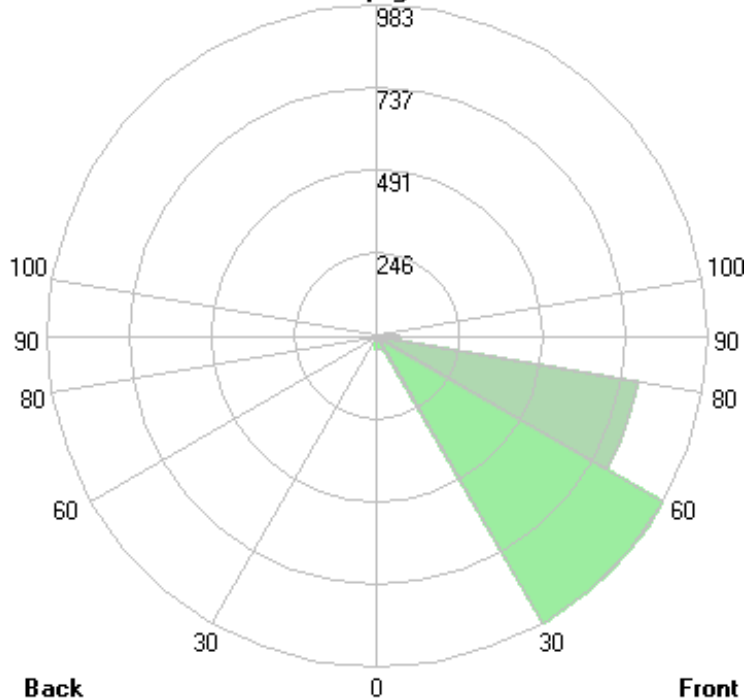


Mounting Height: 1.5 ft.

Grid Spacing: 2 ft.

## Luminaire Lumens

## Uplight



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 2026

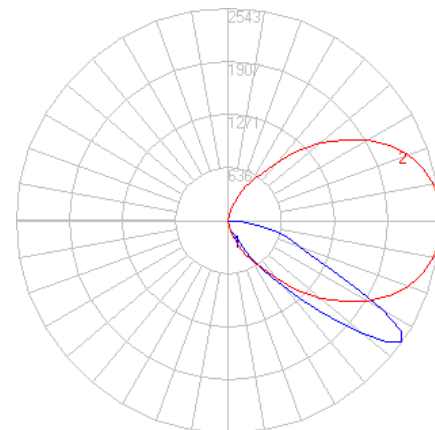
07/15/2026



# BEGA

File: 24884K3\_BEGA\_IES.ies

TEST: BE\_24884K4  
TEST LAB: BEGA  
DATE: 07/16/2024  
LUMINAIRE: 24 884K3  
LAMP: 20W LED



## Characteristics

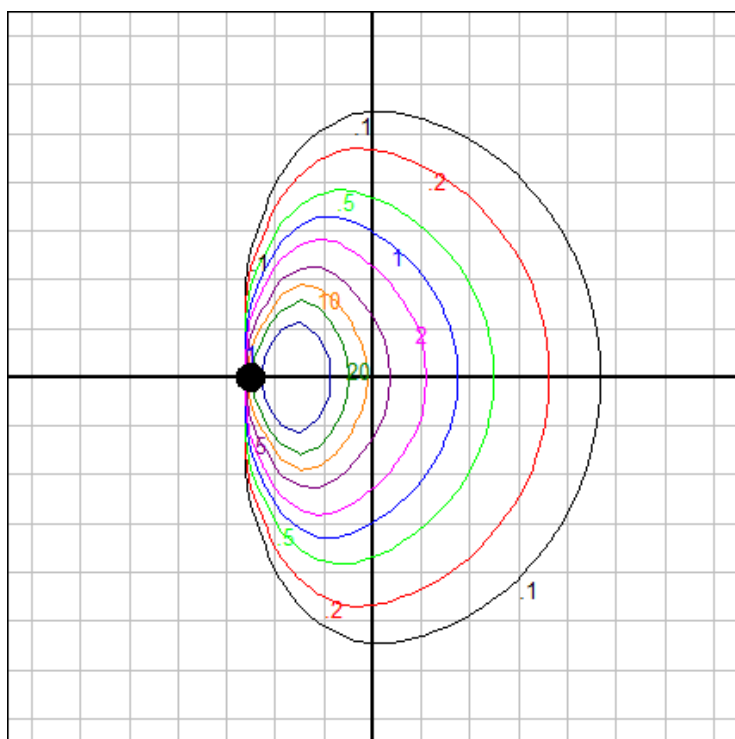
|                                    |                    |
|------------------------------------|--------------------|
| IES Classification                 | Type III           |
| Longitudinal Classification        | Very Short         |
| Lumens Per Lamp                    | N.A. (absolute)    |
| Total Lamp Lumens                  | N.A. (absolute)    |
| Luminaire Lumens                   | 1769               |
| Downward Total Efficiency          | N.A.               |
| Total Luminaire Efficiency         | N.A.               |
| Luminaire Efficacy Rating (LER)    | 74                 |
| Total Luminaire Watts              | 24                 |
| Ballast Factor                     | 1.00               |
| Upward Waste Light Ratio           | 0.00               |
| Max. Cd.                           | 2542.6 (360H, 55V) |
| Max. Cd. (<90 Vert.)               | 2542.6 (360H, 55V) |
| Max. Cd. (At 90 Deg. Vert.)        | 9.8 (0.6%Lum)      |
| Max. Cd. (80 to <90 Deg. Vert.)    | 415.4 (23.5%Lum)   |
| Cutoff Classification (deprecated) | N.A. (absolute)    |

## Lum. Classification System (LCS)

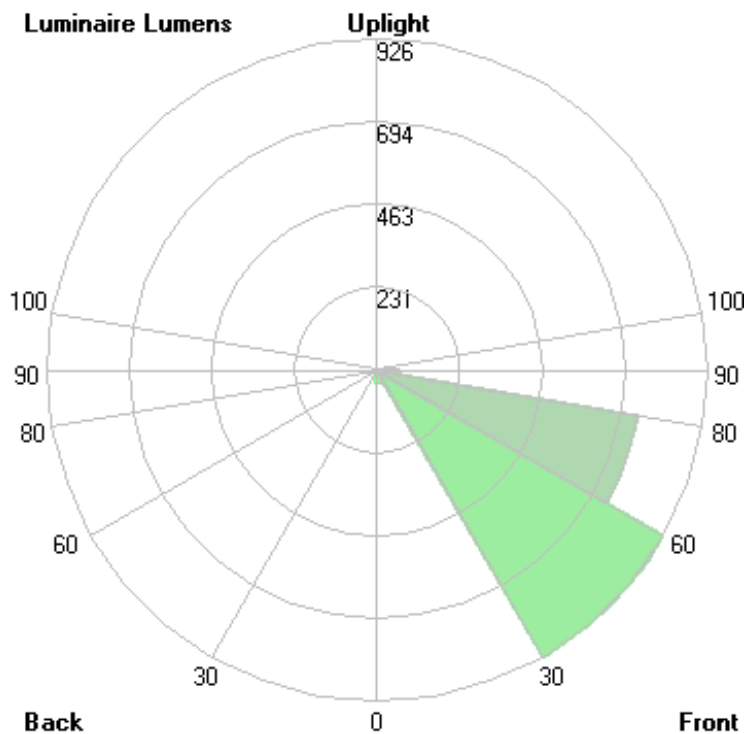
| LCS Zone    | Lumens | %Lamp | %Lum  |
|-------------|--------|-------|-------|
| FL(0-30)    | 39.3   | N.A.  | 2.2   |
| FM(30-60)   | 925.9  | N.A.  | 52.4  |
| FH(60-80)   | 740.9  | N.A.  | 41.9  |
| FVH(80-90)  | 62.0   | N.A.  | 3.5   |
| BL(0-30)    | < 0.05 | N.A.  | 0.0   |
| BM(30-60)   | 0.0    | N.A.  | 0.0   |
| BH(60-80)   | 0.0    | N.A.  | 0.0   |
| BVH(80-90)  | 0.0    | N.A.  | 0.0   |
| UL(90-100)  | 0.5    | N.A.  | 0.0   |
| UH(100-180) | < 0.05 | N.A.  | 0.0   |
| Total       | 1768.6 | N.A.  | 100.0 |

**BUG Rating B0-U0\*-G1**

\*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplift (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



## Luminaire Lumens



Mounting Height: 1.5 ft.

Grid Spacing: 2 ft.

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

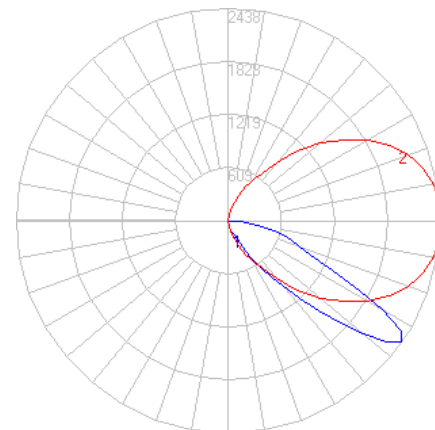
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2026

07/15/2026

# BEGA

File: 24884K27\_BEGA\_IES.ies

TEST: BE\_24884K4  
TEST LAB: BEGA  
DATE: 07/16/2024  
LUMINAIRE: 24 884K27  
LAMP: 20W LED



## Characteristics

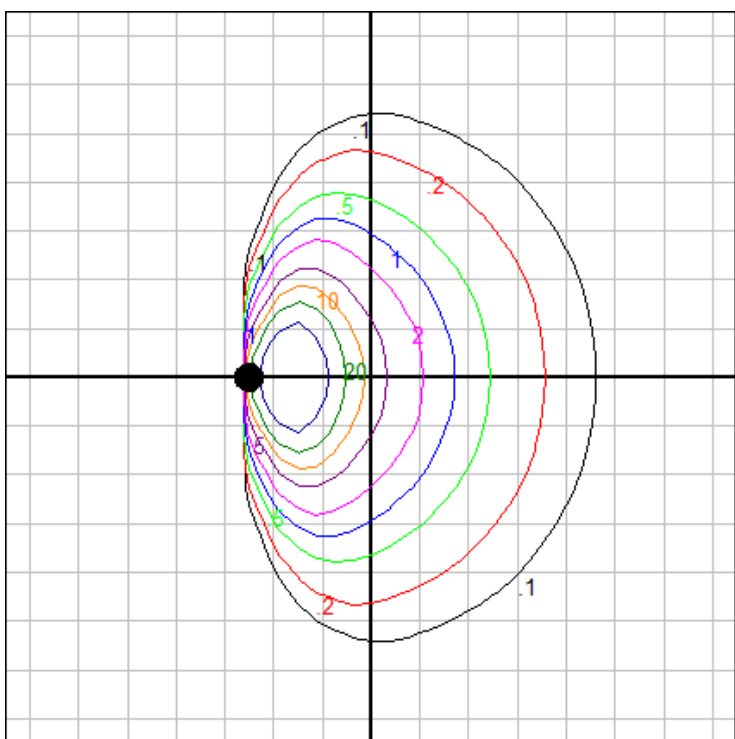
|                                    |                      |
|------------------------------------|----------------------|
| IES Classification                 | Type III             |
| Longitudinal Classification        | Very Short           |
| Lumens Per Lamp                    | N.A. (absolute)      |
| Total Lamp Lumens                  | N.A. (absolute)      |
| Luminaire Lumens                   | 1696                 |
| Downward Total Efficiency          | N.A.                 |
| Total Luminaire Efficiency         | N.A.                 |
| Luminaire Efficacy Rating (LER)    | 71                   |
| Total Luminaire Watts              | 24                   |
| Ballast Factor                     | 1.00                 |
| Upward Waste Light Ratio           | 0.00                 |
| Max. Cd.                           | 2437.591 (360H, 55V) |
| Max. Cd. (<90 Vert.)               | 2437.591 (360H, 55V) |
| Max. Cd. (At 90 Deg. Vert.)        | 9.395 (0.6%Lum)      |
| Max. Cd. (80 to <90 Deg. Vert.)    | 398.244 (23.5%Lum)   |
| Cutoff Classification (deprecated) | N.A. (absolute)      |

## Lum. Classification System (LCS)

| LCS Zone    | Lumens | %Lamp | %Lum  |
|-------------|--------|-------|-------|
| FL(0-30)    | 37.7   | N.A.  | 2.2   |
| FM(30-60)   | 887.7  | N.A.  | 52.4  |
| FH(60-80)   | 710.3  | N.A.  | 41.9  |
| FVH(80-90)  | 59.4   | N.A.  | 3.5   |
| BL(0-30)    | < 0.05 | N.A.  | 0.0   |
| BM(30-60)   | 0.0    | N.A.  | 0.0   |
| BH(60-80)   | 0.0    | N.A.  | 0.0   |
| BVH(80-90)  | 0.0    | N.A.  | 0.0   |
| UL(90-100)  | 0.5    | N.A.  | 0.0   |
| UH(100-180) | < 0.05 | N.A.  | 0.0   |
| Total       | 1695.6 | N.A.  | 100.0 |

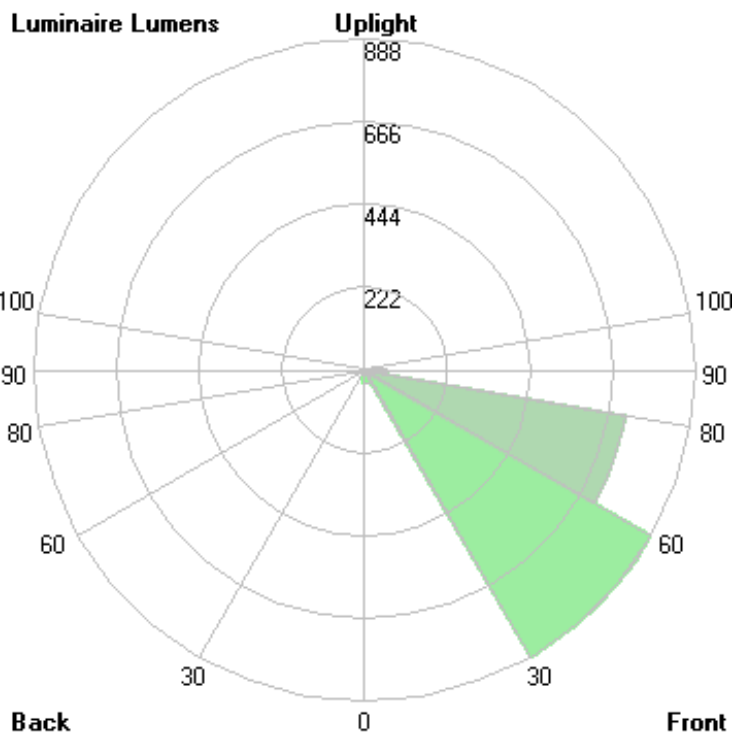
**BUG Rating** B0-U0\*-G1

\*Fixture has measured rating of U1 due to testing above 90 degrees and stray light from reflection off of the fixture body. Upon visual inspection of luminaire, it has a flat lens and opaque sides, there is no significant uplift (<0.5%), and it has therefore been assigned a value of U0. Consult factory for more information.



Mounting Height: 1.5 ft.

Grid Spacing: 2 ft.



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 2026

07/15/2026