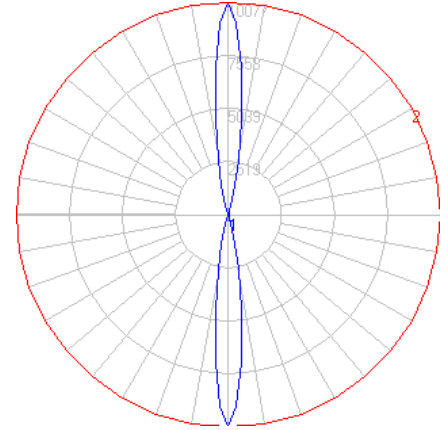


# BEGA

File: 24619K4\_BEGA\_IES.ies

TEST: BE\_24619K4  
TEST LAB: BEGA  
DATE: 2/15/2021  
LUMINAIRE: 24 619K4  
LAMP: 35.4W LED



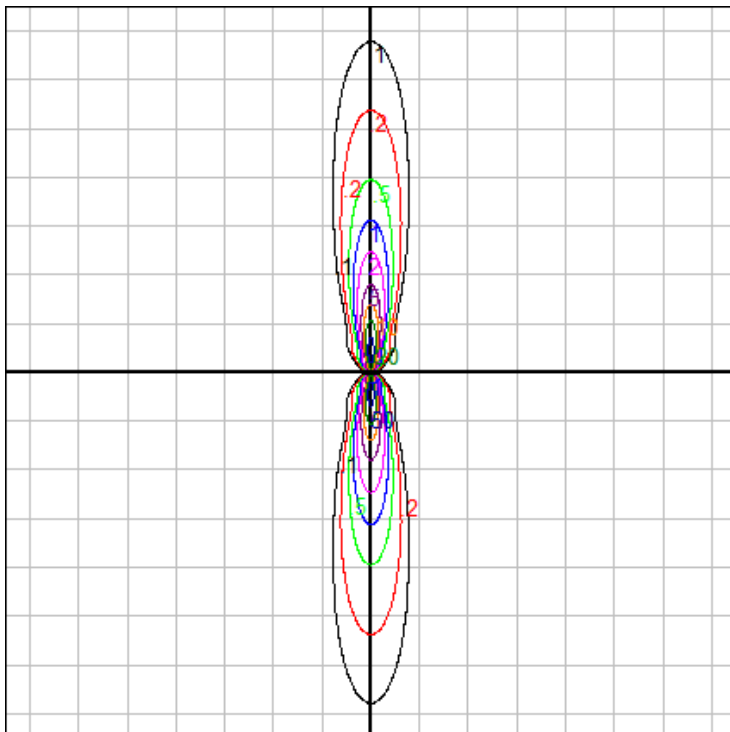
## Characteristics

|                                    |                      |
|------------------------------------|----------------------|
| IES Classification                 | N.A.                 |
| Longitudinal Classification        | N.A.                 |
| Lumens Per Lamp                    | N.A. (absolute)      |
| Total Lamp Lumens                  | N.A. (absolute)      |
| Luminaire Lumens                   | 1682                 |
| Downward Total Efficiency          | N.A.                 |
| Total Luminaire Efficiency         | N.A.                 |
| Luminaire Efficacy Rating (LER)    | 42                   |
| Total Luminaire Watts              | 40                   |
| Ballast Factor                     | 1.00                 |
| Upward Waste Light Ratio           | 0.50                 |
| Max. Cd.                           | 10077.123 (0H, 180V) |
| Max. Cd. (<90 Vert.)               | 10077.123 (0H, 0V)   |
| Max. Cd. (At 90 Deg. Vert.)        | 0 (0.0%Lum)          |
| Max. Cd. (80 to <90 Deg. Vert.)    | 0 (0.0%Lum)          |
| Cutoff Classification (deprecated) | N.A. (absolute)      |

## Lum. Classification System (LCS)

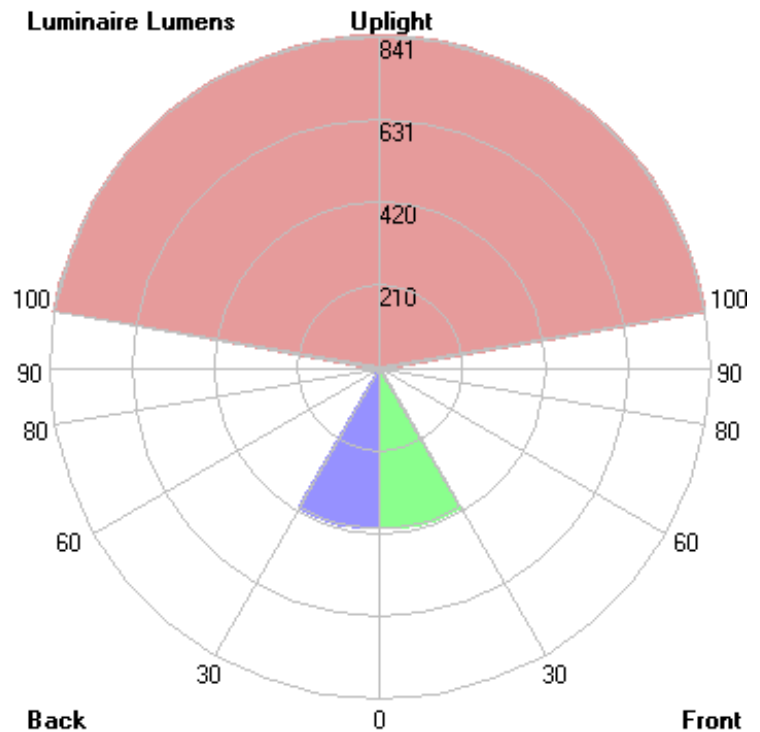
| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 408.0  | N.A.  | 24.3  |
| FM (30-60)   | 11.9   | N.A.  | 0.7   |
| FH (60-80)   | 0.5    | N.A.  | 0.0   |
| FVH(80-90)   | 0.0    | N.A.  | 0.0   |
| BL (0-30)    | 408.0  | N.A.  | 24.3  |
| BM (30-60)   | 11.9   | N.A.  | 0.7   |
| BH (60-80)   | 0.5    | N.A.  | 0.0   |
| BVH(80-90)   | 0.0    | N.A.  | 0.0   |
| UL (90-100)  | 0.0    | N.A.  | 0.0   |
| UH (100-180) | 840.9  | N.A.  | 50.0  |
| Total        | 1681.7 | N.A.  | 100.0 |

BUG Rating B1-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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

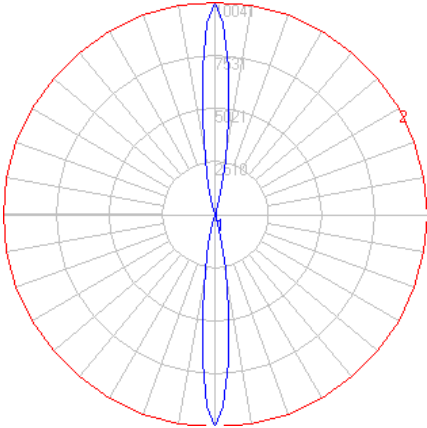
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7/2/2024

# BEGA

File: 24619K35\_BEGA\_IES.ies

TEST: BE\_24619K4  
TEST LAB: BEGA  
DATE: 2/15/2021  
LUMINAIRE: 24 619K35  
LAMP: 35.4W LED



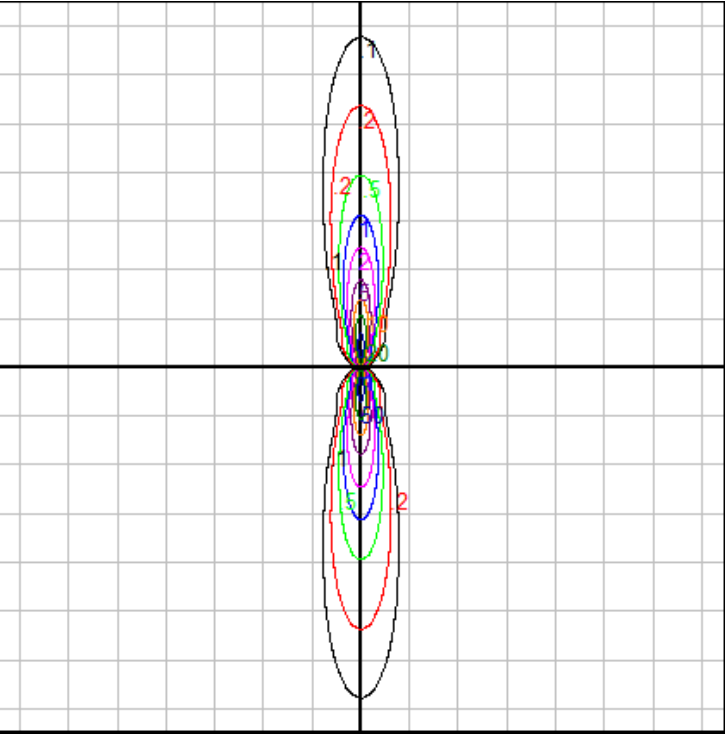
### Characteristics

|                                    |                      |
|------------------------------------|----------------------|
| IES Classification                 | N.A.                 |
| Longitudinal Classification        | N.A.                 |
| Lumens Per Lamp                    | N.A. (absolute)      |
| Total Lamp Lumens                  | N.A. (absolute)      |
| Luminaire Lumens                   | 1676                 |
| Downward Total Efficiency          | N.A.                 |
| Total Luminaire Efficiency         | N.A.                 |
| Luminaire Efficacy Rating (LER)    | 42                   |
| Total Luminaire Watts              | 40                   |
| Ballast Factor                     | 1.00                 |
| Upward Waste Light Ratio           | 0.50                 |
| Max. Cd.                           | 10041.473 (0H, 180V) |
| Max. Cd. (<90 Vert.)               | 10041.473 (0H, 0V)   |
| Max. Cd. (At 90 Deg. Vert.)        | 0 (0.0%Lum)          |
| Max. Cd. (80 to <90 Deg. Vert.)    | 0 (0.0%Lum)          |
| Cutoff Classification (deprecated) | N.A. (absolute)      |

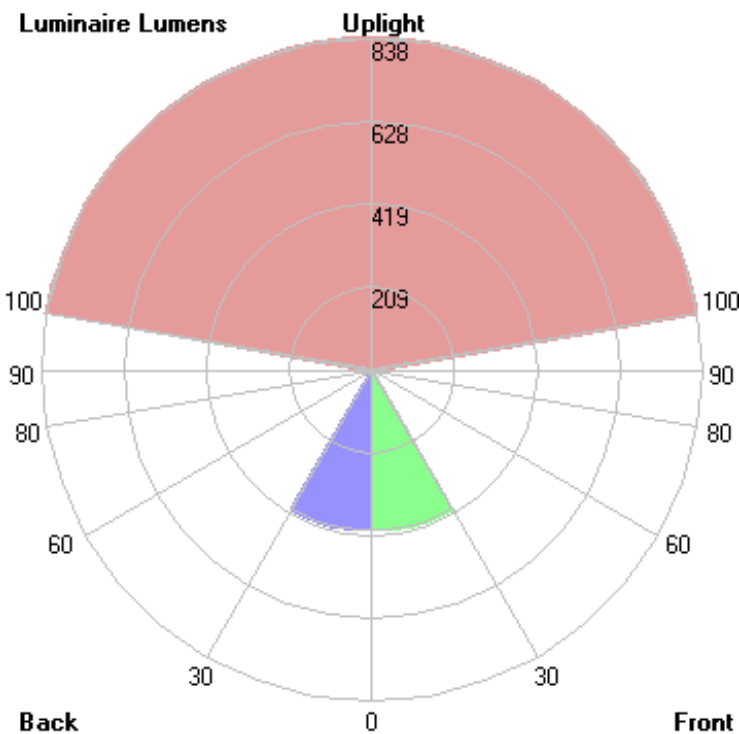
### Lum. Classification System (LCS)

| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 406.6  | N.A.  | 24.3  |
| FM (30-60)   | 11.9   | N.A.  | 0.7   |
| FH (60-80)   | 0.5    | N.A.  | 0.0   |
| FVH(80-90)   | 0.0    | N.A.  | 0.0   |
| BL (0-30)    | 406.6  | N.A.  | 24.3  |
| BM (30-60)   | 11.9   | N.A.  | 0.7   |
| BH (60-80)   | 0.5    | N.A.  | 0.0   |
| BVH(80-90)   | 0.0    | N.A.  | 0.0   |
| UL (90-100)  | 0.0    | N.A.  | 0.0   |
| UH (100-180) | 837.9  | N.A.  | 50.0  |
| Total        | 1675.9 | N.A.  | 100.0 |

BUG Rating B1-U4-G0



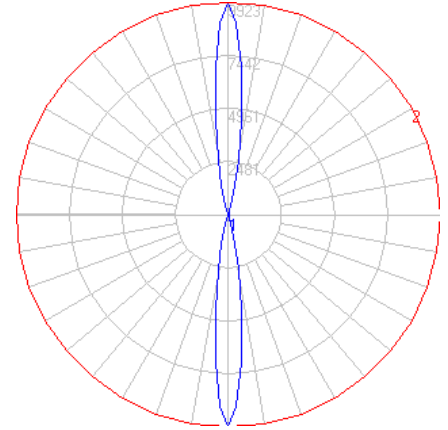
Isofootcandle grid on wall      Grid Spacing: 5 ft.



# BEGA

File: 24619K3\_BEGA\_IES.ies

TEST: BE\_24619K4  
TEST LAB: BEGA  
DATE: 2/15/2021  
LUMINAIRE: 24 619K3  
LAMP: 35.4W LED



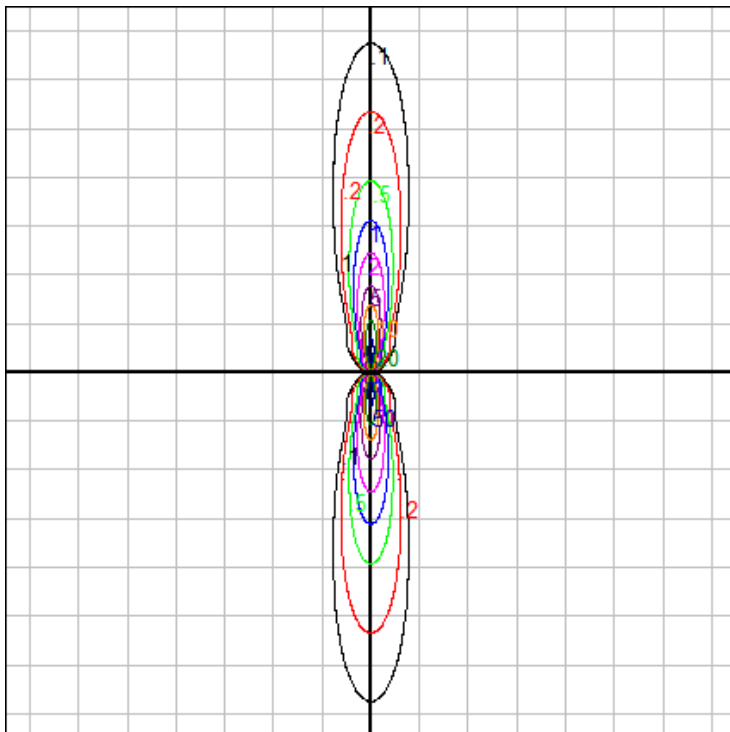
## Characteristics

|                                    |                     |
|------------------------------------|---------------------|
| IES Classification                 | N.A.                |
| Longitudinal Classification        | N.A.                |
| Lumens Per Lamp                    | N.A. (absolute)     |
| Total Lamp Lumens                  | N.A. (absolute)     |
| Luminaire Lumens                   | 1656                |
| Downward Total Efficiency          | N.A.                |
| Total Luminaire Efficiency         | N.A.                |
| Luminaire Efficacy Rating (LER)    | 41                  |
| Total Luminaire Watts              | 40                  |
| Ballast Factor                     | 1.00                |
| Upward Waste Light Ratio           | 0.50                |
| Max. Cd.                           | 9922.639 (0H, 180V) |
| Max. Cd. (<90 Vert.)               | 9922.639 (0H, 0V)   |
| Max. Cd. (At 90 Deg. Vert.)        | 0 (0.0%Lum)         |
| Max. Cd. (80 to <90 Deg. Vert.)    | 0 (0.0%Lum)         |
| Cutoff Classification (deprecated) | N.A. (absolute)     |

## Lum. Classification System (LCS)

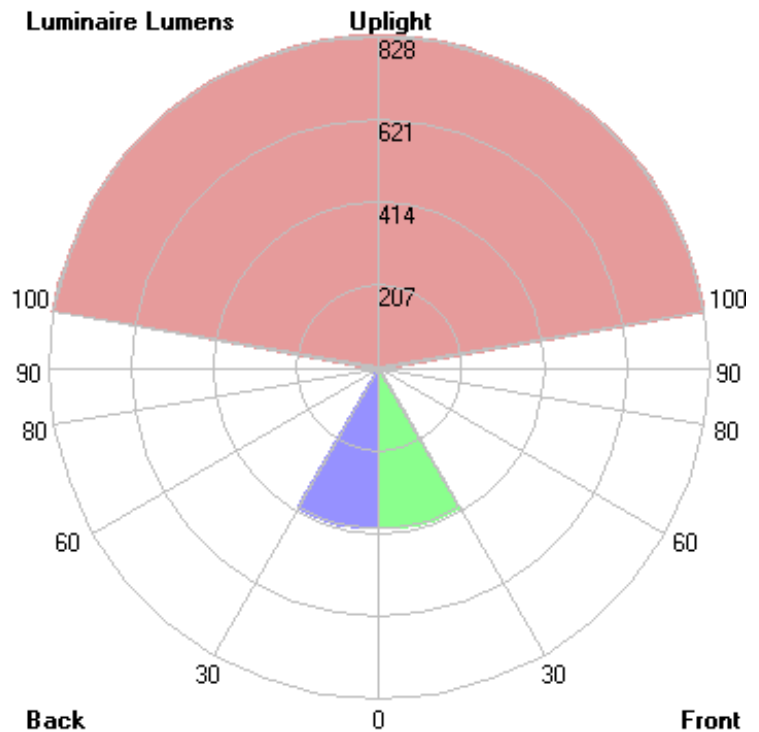
| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 401.8  | N.A.  | 24.3  |
| FM (30-60)   | 11.8   | N.A.  | 0.7   |
| FH (60-80)   | 0.5    | N.A.  | 0.0   |
| FVH(80-90)   | 0.0    | N.A.  | 0.0   |
| BL (0-30)    | 401.8  | N.A.  | 24.3  |
| BM (30-60)   | 11.8   | N.A.  | 0.7   |
| BH (60-80)   | 0.5    | N.A.  | 0.0   |
| BVH(80-90)   | 0.0    | N.A.  | 0.0   |
| UL (90-100)  | 0.0    | N.A.  | 0.0   |
| UH (100-180) | 828.0  | N.A.  | 50.0  |
| Total        | 1656.2 | N.A.  | 100.0 |

BUG Rating B1-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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

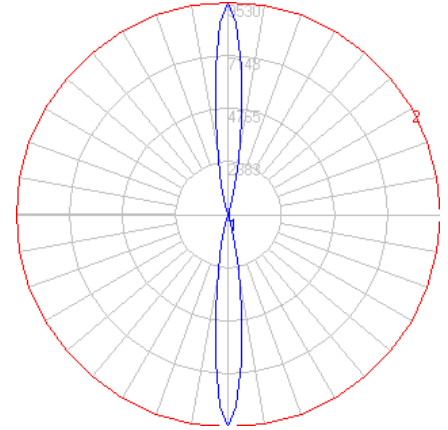
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7/2/2024

# BEGA

File: 24619K27\_BEGA\_IES.ies

TEST: BE\_24619K4  
TEST LAB: BEGA  
DATE: 2/15/2021  
LUMINAIRE: 24 619K27  
LAMP: 35.4W LED



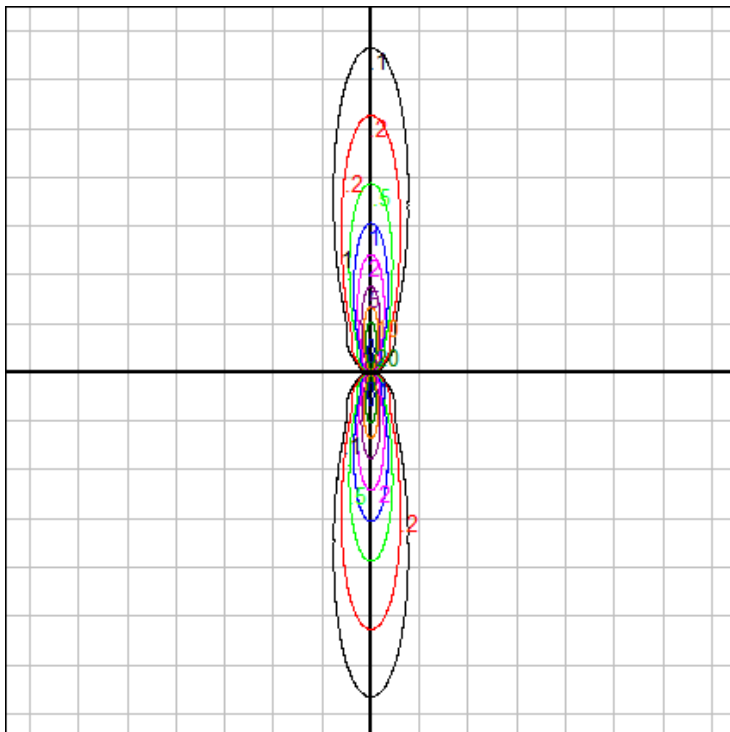
## Characteristics

|                                    |                     |
|------------------------------------|---------------------|
| IES Classification                 | N.A.                |
| Longitudinal Classification        | N.A.                |
| Lumens Per Lamp                    | N.A. (absolute)     |
| Total Lamp Lumens                  | N.A. (absolute)     |
| Luminaire Lumens                   | 1591                |
| Downward Total Efficiency          | N.A.                |
| Total Luminaire Efficiency         | N.A.                |
| Luminaire Efficacy Rating (LER)    | 40                  |
| Total Luminaire Watts              | 40                  |
| Ballast Factor                     | 1.00                |
| Upward Waste Light Ratio           | 0.50                |
| Max. Cd.                           | 9530.487 (0H, 180V) |
| Max. Cd. (<90 Vert.)               | 9530.487 (0H, 0V)   |
| Max. Cd. (At 90 Deg. Vert.)        | 0 (0.0%Lum)         |
| Max. Cd. (80 to <90 Deg. Vert.)    | 0 (0.0%Lum)         |
| Cutoff Classification (deprecated) | N.A. (absolute)     |

## Lum. Classification System (LCS)

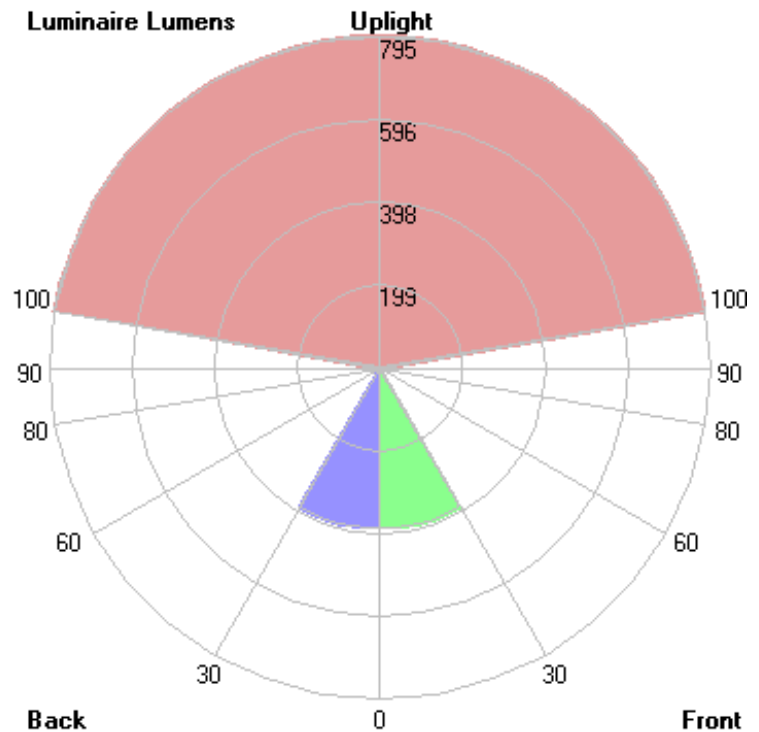
| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 385.9  | N.A.  | 24.3  |
| FM (30-60)   | 11.3   | N.A.  | 0.7   |
| FH (60-80)   | 0.5    | N.A.  | 0.0   |
| FVH(80-90)   | 0.0    | N.A.  | 0.0   |
| BL (0-30)    | 385.9  | N.A.  | 24.3  |
| BM (30-60)   | 11.3   | N.A.  | 0.7   |
| BH (60-80)   | 0.5    | N.A.  | 0.0   |
| BVH(80-90)   | 0.0    | N.A.  | 0.0   |
| UL (90-100)  | 0.0    | N.A.  | 0.0   |
| UH (100-180) | 795.3  | N.A.  | 50.0  |
| Total        | 1590.7 | N.A.  | 100.0 |

BUG Rating B1-U4-G0



Isofootcandle grid on wall

Grid Spacing: 5 ft.



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