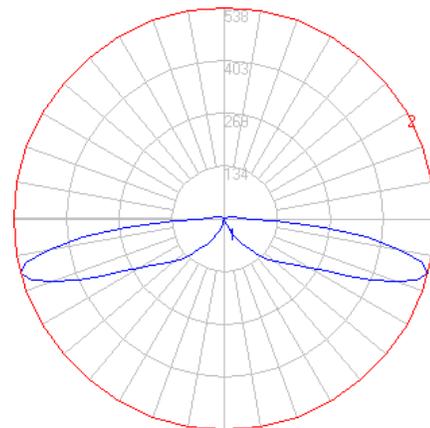


# BEGA

File: 85018K4\_BEGA\_IES.ies

TEST: 85018K4  
 TEST LAB: BEGA  
 DATE: 9/22/2022  
 LUMINAIRE: 85018K4  
 LAMP: 13.2W LED



## Characteristics

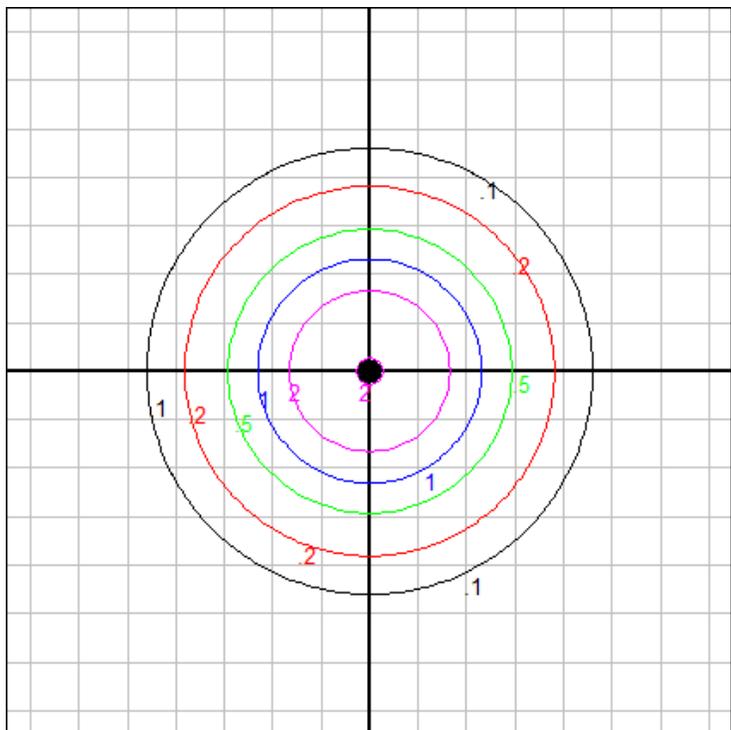
|                                    |                  |
|------------------------------------|------------------|
| IES Classification                 | Type V           |
| Longitudinal Classification        | Medium           |
| Lumens Per Lamp                    | N.A. (absolute)  |
| Total Lamp Lumens                  | N.A. (absolute)  |
| Luminaire Lumens                   | 1598             |
| Downward Total Efficiency          | N.A.             |
| Total Luminaire Efficiency         | N.A.             |
| Luminaire Efficacy Rating (LER)    | 100              |
| Total Luminaire Watts              | 16               |
| Ballast Factor                     | 1.00             |
| Upward Waste Light Ratio           | 0.05             |
| Max. Cd.                           | 537.8 (0H, 75V)  |
| Max. Cd. (<90 Vert.)               | 537.8 (0H, 75V)  |
| Max. Cd. (At 90 Deg. Vert.)        | 64.1 (4.0%Lum)   |
| Max. Cd. (80 to <90 Deg. Vert.)    | 457.6 (28.6%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute)  |

## Zonal Lumen Summary

### Lum. Classification System (LCS)

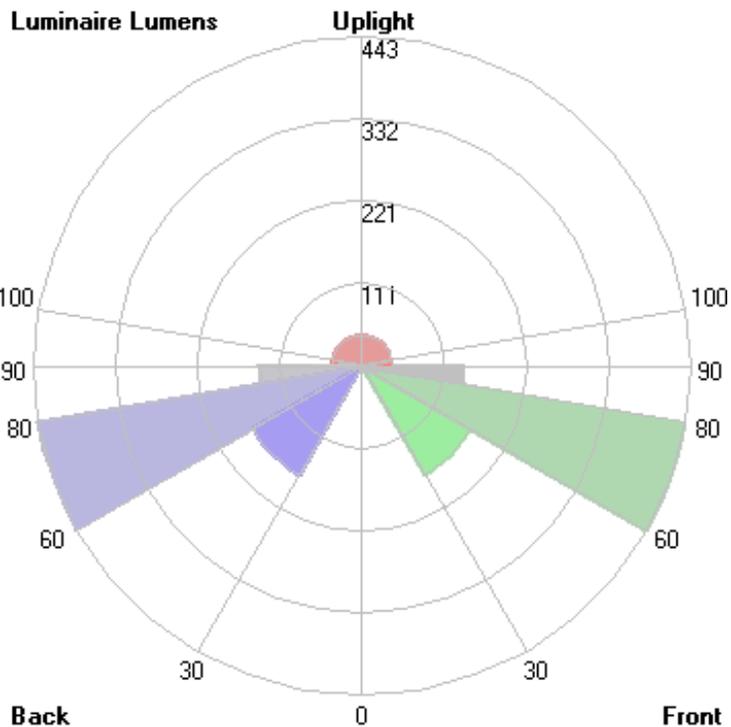
| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 8.9    | N.A.  | 0.6   |
| FM (30-60)   | 169.0  | N.A.  | 10.6  |
| FH (60-80)   | 442.9  | N.A.  | 27.7  |
| FVH (80-90)  | 137.5  | N.A.  | 8.6   |
| BL (0-30)    | 8.9    | N.A.  | 0.6   |
| BM (30-60)   | 169.0  | N.A.  | 10.6  |
| BH (60-80)   | 442.9  | N.A.  | 27.7  |
| BVH (80-90)  | 137.5  | N.A.  | 8.6   |
| UL (90-100)  | 40.6   | N.A.  | 2.5   |
| UH (100-180) | 40.4   | N.A.  | 2.5   |
| Total        | 1597.6 | N.A.  | 100.0 |

BUG Rating B1-U2-G2



Shown on tube 99622

Grid Spacing: 5 ft.



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

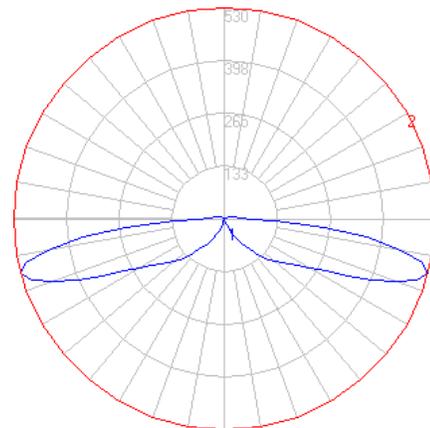
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1/15/2026

# BEGA

File: 85018K35\_BEGA\_IES.ies

TEST: 85018K4  
 TEST LAB: BEGA  
 DATE: 9/22/2022  
 LUMINAIRE: 85018K35  
 LAMP: 13.2W LED



## Characteristics

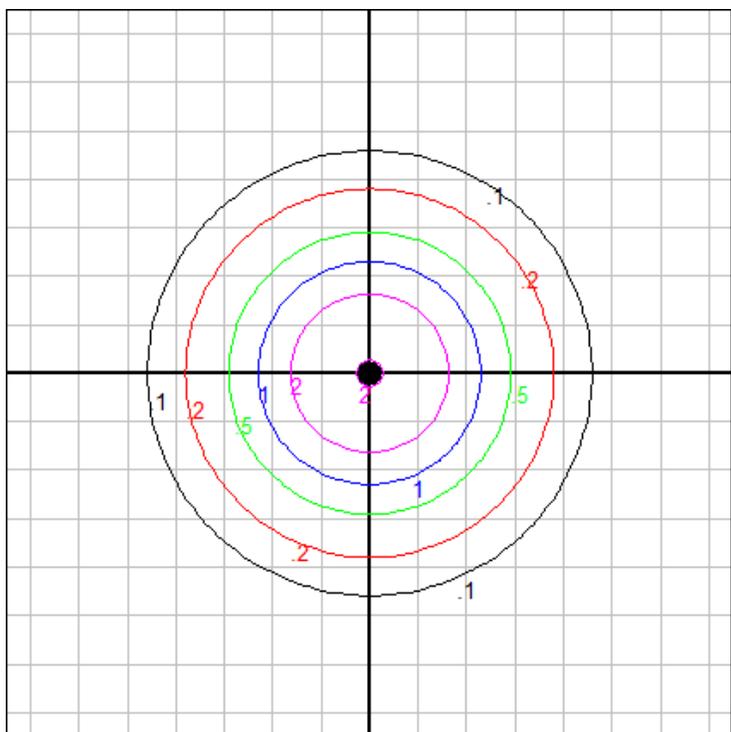
|                                    |                    |
|------------------------------------|--------------------|
| IES Classification                 | Type V             |
| Longitudinal Classification        | Medium             |
| Lumens Per Lamp                    | N.A. (absolute)    |
| Total Lamp Lumens                  | N.A. (absolute)    |
| Luminaire Lumens                   | 1575               |
| Downward Total Efficiency          | N.A.               |
| Total Luminaire Efficiency         | N.A.               |
| Luminaire Efficacy Rating (LER)    | 98                 |
| Total Luminaire Watts              | 16                 |
| Ballast Factor                     | 1.00               |
| Upward Waste Light Ratio           | 0.05               |
| Max. Cd.                           | 530.271 (0H, 75V)  |
| Max. Cd. (<90 Vert.)               | 530.271 (0H, 75V)  |
| Max. Cd. (At 90 Deg. Vert.)        | 63.203 (4.0%Lum)   |
| Max. Cd. (80 to <90 Deg. Vert.)    | 451.194 (28.6%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute)    |

## Zonal Lumen Summary

### Lum. Classification System (LCS)

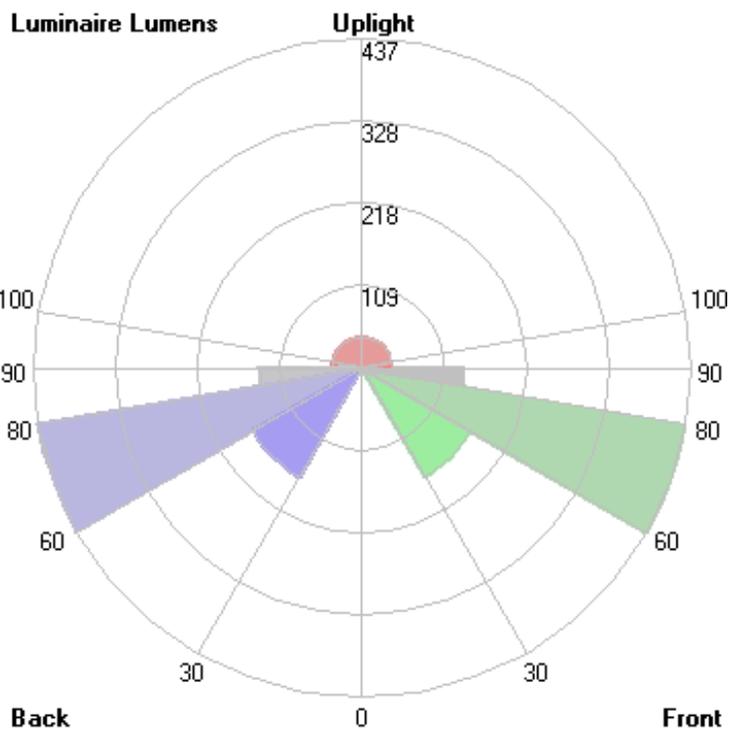
| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 8.8    | N.A.  | 0.6   |
| FM (30-60)   | 166.6  | N.A.  | 10.6  |
| FH (60-80)   | 436.7  | N.A.  | 27.7  |
| FVH (80-90)  | 135.6  | N.A.  | 8.6   |
| BL (0-30)    | 8.8    | N.A.  | 0.6   |
| BM (30-60)   | 166.6  | N.A.  | 10.6  |
| BH (60-80)   | 436.7  | N.A.  | 27.7  |
| BVH (80-90)  | 135.6  | N.A.  | 8.6   |
| UL (90-100)  | 40.0   | N.A.  | 2.5   |
| UH (100-180) | 39.9   | N.A.  | 2.5   |
| Total        | 1575.3 | N.A.  | 100.0 |

**BUG Rating B1-U2-G2**



Shown on tube 99622

Grid Spacing: 5 ft.



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

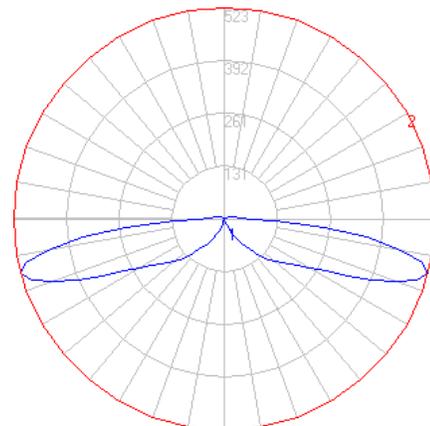
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# BEGA

File: 85018K3\_BEGA\_IES.ies

TEST: 85018K4  
 TEST LAB: BEGA  
 DATE: 9/22/2022  
 LUMINAIRE: 85018K3  
 LAMP: 13.2W LED



## Characteristics

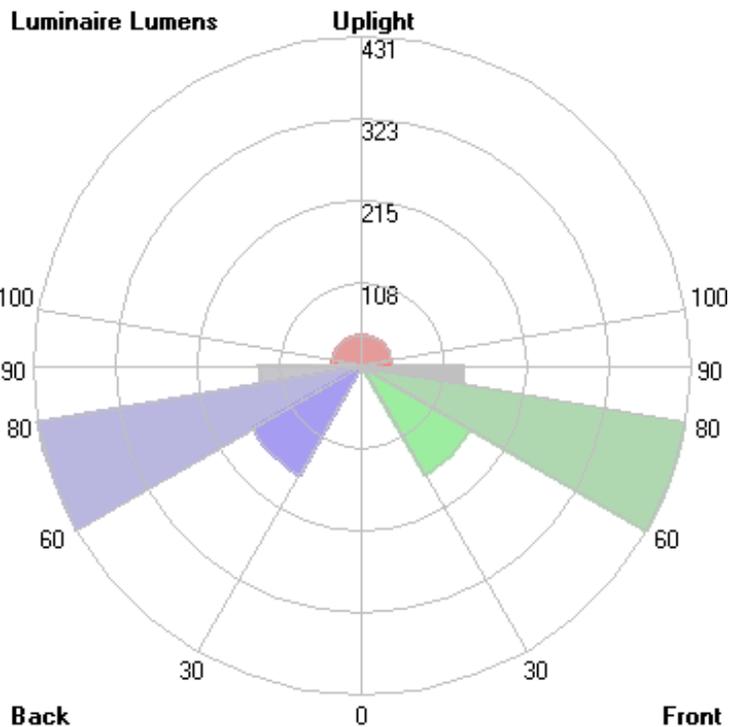
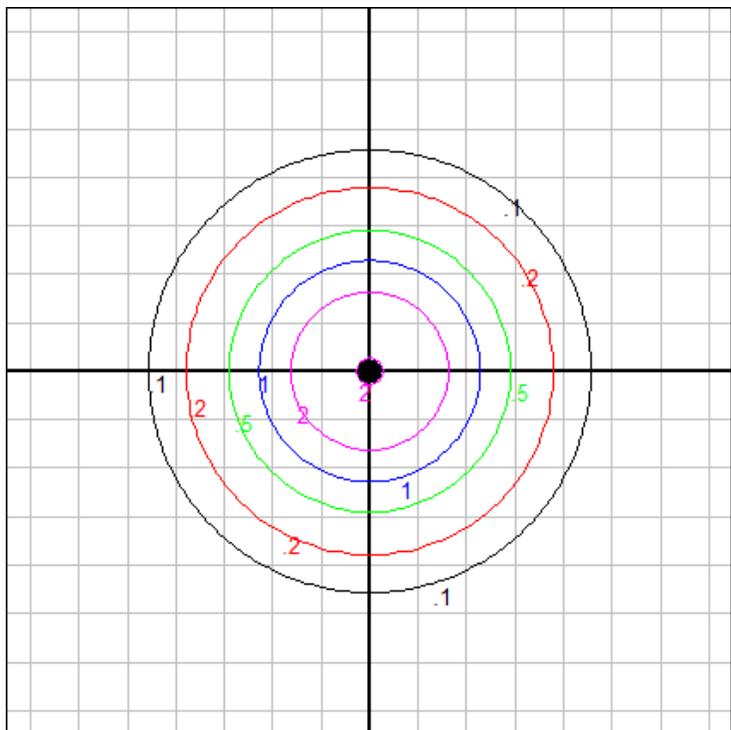
|                                    |                    |
|------------------------------------|--------------------|
| IES Classification                 | Type V             |
| Longitudinal Classification        | Medium             |
| Lumens Per Lamp                    | N.A. (absolute)    |
| Total Lamp Lumens                  | N.A. (absolute)    |
| Luminaire Lumens                   | 1553               |
| Downward Total Efficiency          | N.A.               |
| Total Luminaire Efficiency         | N.A.               |
| Luminaire Efficacy Rating (LER)    | 97                 |
| Total Luminaire Watts              | 16                 |
| Ballast Factor                     | 1.00               |
| Upward Waste Light Ratio           | 0.05               |
| Max. Cd.                           | 522.742 (0H, 75V)  |
| Max. Cd. (<90 Vert.)               | 522.742 (0H, 75V)  |
| Max. Cd. (At 90 Deg. Vert.)        | 62.305 (4.0%Lum)   |
| Max. Cd. (80 to <90 Deg. Vert.)    | 444.787 (28.6%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute)    |

## Zonal Lumen Summary

### Lum. Classification System (LCS)

| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 8.6    | N.A.  | 0.6   |
| FM (30-60)   | 164.3  | N.A.  | 10.6  |
| FH (60-80)   | 430.5  | N.A.  | 27.7  |
| FVH (80-90)  | 133.7  | N.A.  | 8.6   |
| BL (0-30)    | 8.6    | N.A.  | 0.6   |
| BM (30-60)   | 164.3  | N.A.  | 10.6  |
| BH (60-80)   | 430.5  | N.A.  | 27.7  |
| BVH (80-90)  | 133.7  | N.A.  | 8.6   |
| UL (90-100)  | 39.5   | N.A.  | 2.5   |
| UH (100-180) | 39.3   | N.A.  | 2.5   |
| Total        | 1553.0 | N.A.  | 100.0 |

BUG Rating B1-U2-G2



Shown on tube 99622

Grid Spacing: 5 ft.

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

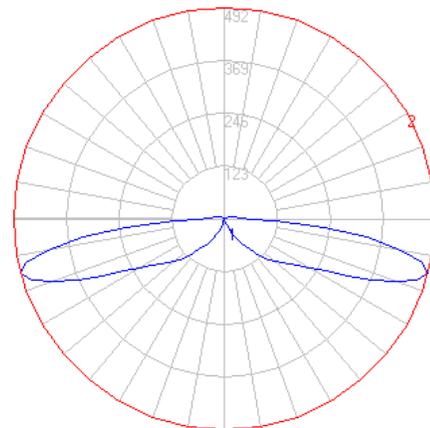
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# BEGA

File: 85018K27\_BEGA\_IES.ies

TEST: 85018K4  
 TEST LAB: BEGA  
 DATE: 9/22/2022  
 LUMINAIRE: 85018K27  
 LAMP: 13.2W LED



## Characteristics

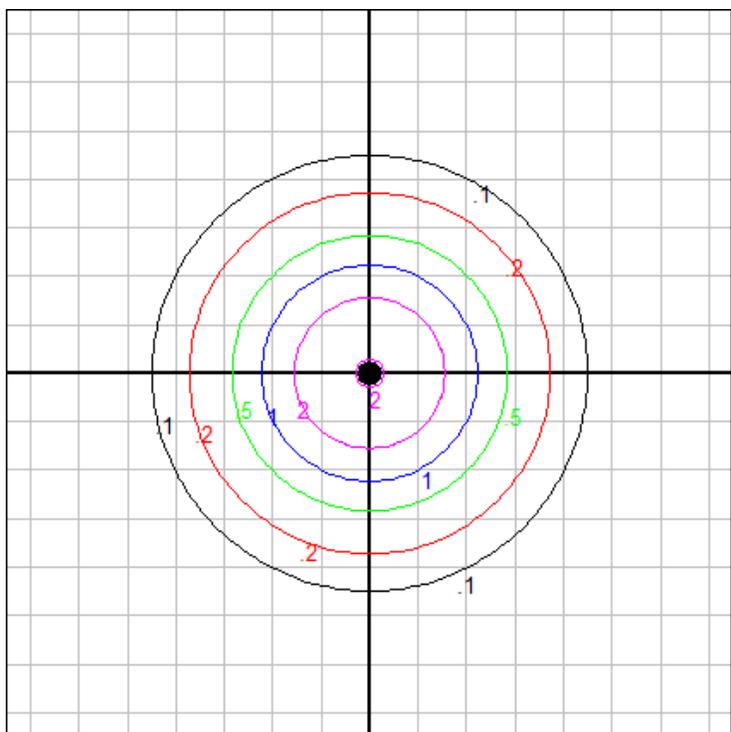
|                                    |                    |
|------------------------------------|--------------------|
| IES Classification                 | Type V             |
| Longitudinal Classification        | Medium             |
| Lumens Per Lamp                    | N.A. (absolute)    |
| Total Lamp Lumens                  | N.A. (absolute)    |
| Luminaire Lumens                   | 1460               |
| Downward Total Efficiency          | N.A.               |
| Total Luminaire Efficiency         | N.A.               |
| Luminaire Efficacy Rating (LER)    | 91                 |
| Total Luminaire Watts              | 16                 |
| Ballast Factor                     | 1.00               |
| Upward Waste Light Ratio           | 0.05               |
| Max. Cd.                           | 491.549 (0H, 75V)  |
| Max. Cd. (<90 Vert.)               | 491.549 (0H, 75V)  |
| Max. Cd. (At 90 Deg. Vert.)        | 58.587 (4.0%Lum)   |
| Max. Cd. (80 to <90 Deg. Vert.)    | 418.246 (28.6%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute)    |

## Zonal Lumen Summary

### Lum. Classification System (LCS)

| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 8.1    | N.A.  | 0.6   |
| FM (30-60)   | 154.5  | N.A.  | 10.6  |
| FH (60-80)   | 404.8  | N.A.  | 27.7  |
| FVH (80-90)  | 125.7  | N.A.  | 8.6   |
| BL (0-30)    | 8.1    | N.A.  | 0.6   |
| BM (30-60)   | 154.5  | N.A.  | 10.6  |
| BH (60-80)   | 404.8  | N.A.  | 27.7  |
| BVH (80-90)  | 125.7  | N.A.  | 8.6   |
| UL (90-100)  | 37.1   | N.A.  | 2.5   |
| UH (100-180) | 36.9   | N.A.  | 2.5   |
| Total        | 1460.2 | N.A.  | 100.0 |

**BUG Rating B1-U2-G2**

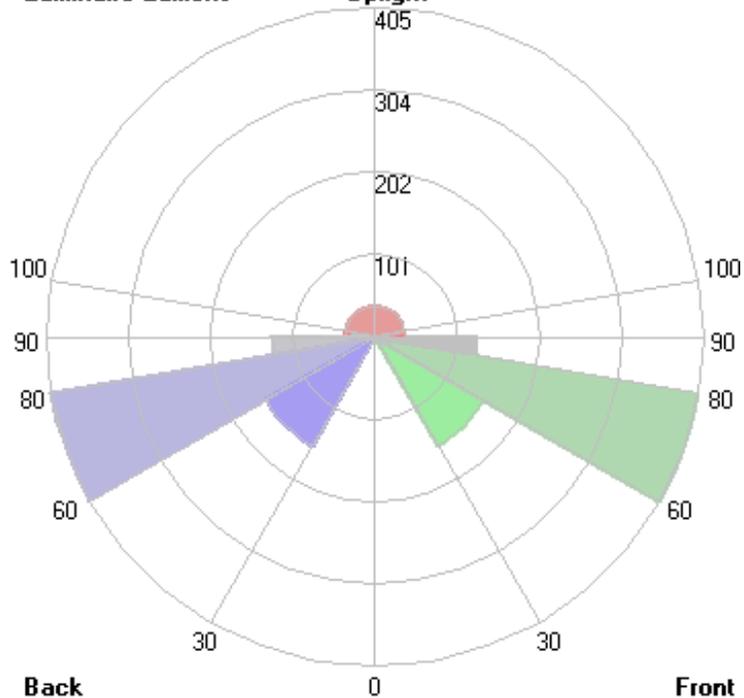


Shown on tube 99622

Grid Spacing: 5 ft.

## Luminaire Lumens

## Uplight



Back

0

Front

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