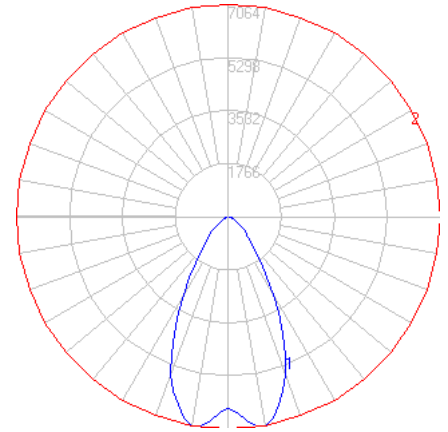


# BEGA

File: 84227K4\_BEGA\_IES.ies

TEST: BE\_84227K4  
TEST LAB: BEGA  
DATE: 8/8/2019  
LUMINAIRE: 84 227K4  
LAMP: 60.3W LED

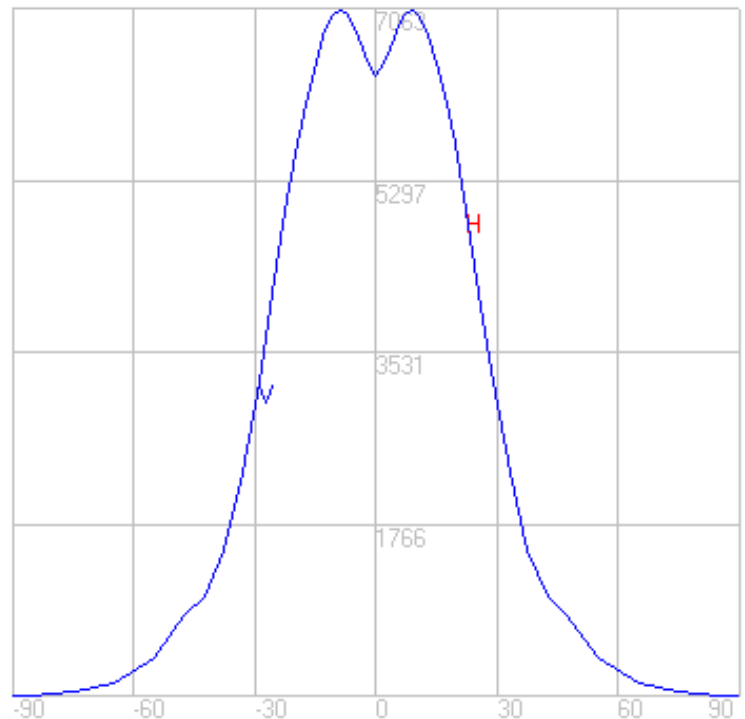
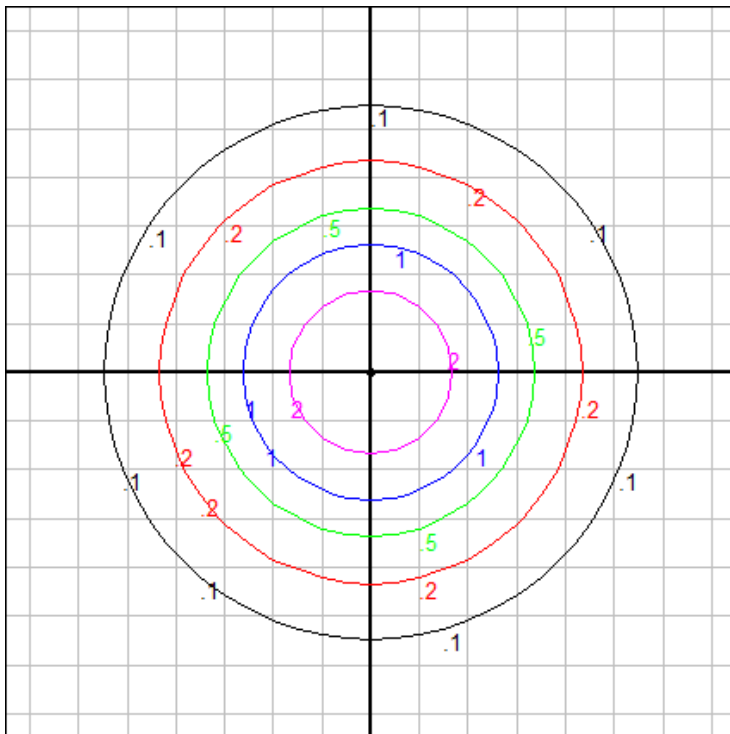


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 7062.9          |
| Maximum Candela Angle        | -7 H -7 V       |
| Horizontal Beam Angle (50%)  | 54.1            |
| Vertical Beam Angle (50%)    | 54.1            |
| Horizontal Field Angle (10%) | 98.5            |
| Vertical Field Angle (10%)   | 98.5            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 4058            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 6290            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 662             |
| Luminaire Lumens             | 6952            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 69              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 659.33  |
| 10-20   | 1806.64 |
| 20-30   | 1951.14 |
| 30-40   | 1218.69 |
| 40-50   | 708.01  |
| 50-60   | 376.39  |
| 60-70   | 141.18  |
| 70-80   | 55.59   |
| 80-90   | 11.79   |
| 90-100  | 0.00    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |



Mounting Height: 50 ft.

Grid Spacing: 10 ft.

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

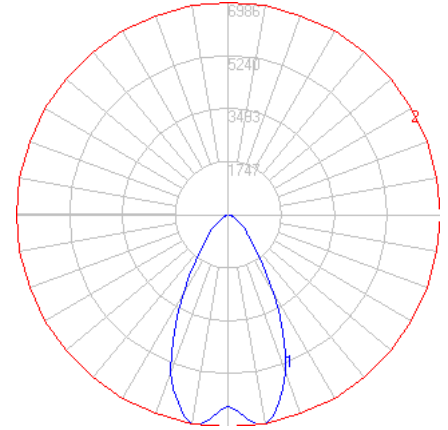
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# BEGA

File: 84227K35\_BEGA\_IES.ies

TEST: BE\_84227K4  
TEST LAB: BEGA  
DATE: 8/8/2019  
LUMINAIRE: 84 227K35  
LAMP: 60.3W LED

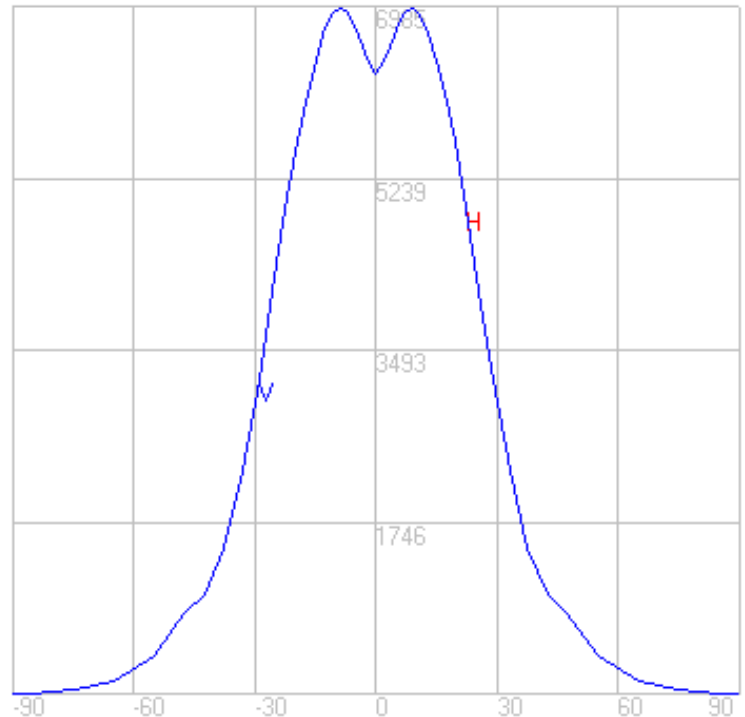
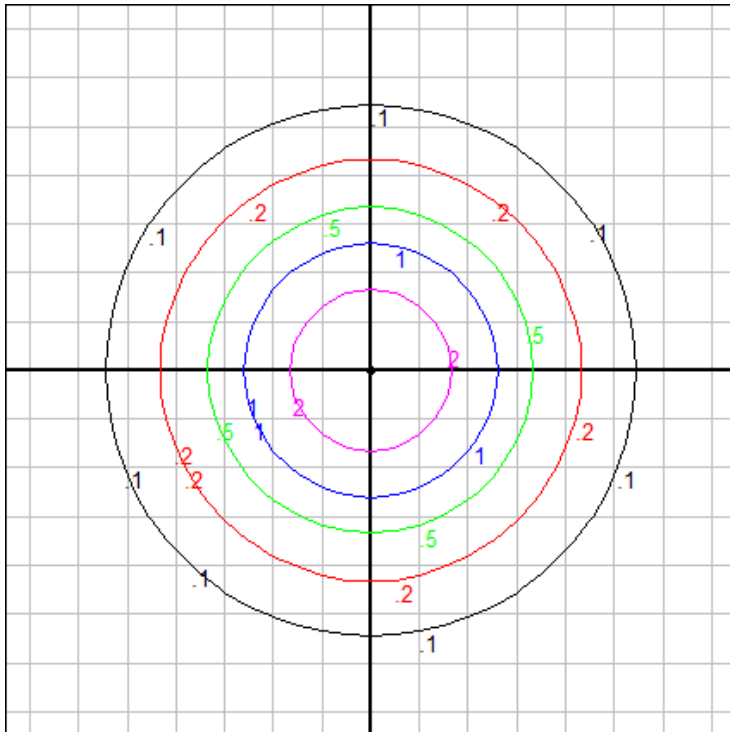


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 6985.242        |
| Maximum Candela Angle        | -7 H -7 V       |
| Horizontal Beam Angle (50%)  | 54.1            |
| Vertical Beam Angle (50%)    | 54.1            |
| Horizontal Field Angle (10%) | 98.5            |
| Vertical Field Angle (10%)   | 98.5            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 4014            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 6221            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 654             |
| Luminaire Lumens             | 6875            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 69              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 652.08  |
| 10-20   | 1786.77 |
| 20-30   | 1929.68 |
| 30-40   | 1205.29 |
| 40-50   | 700.22  |
| 50-60   | 372.25  |
| 60-70   | 139.63  |
| 70-80   | 54.98   |
| 80-90   | 11.66   |
| 90-100  | 0.00    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |



Mounting Height: 50 ft.

Grid Spacing: 10 ft.

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

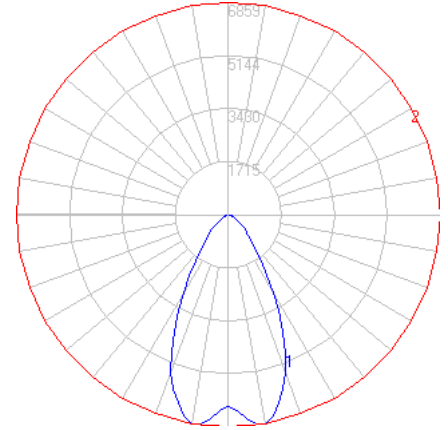
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# BEGA

File: 84227K3\_BEGA\_IES.ies

TEST: BE\_84227K4  
TEST LAB: BEGA  
DATE: 8/8/2019  
LUMINAIRE: 84 227K3  
LAMP: 60.3W LED

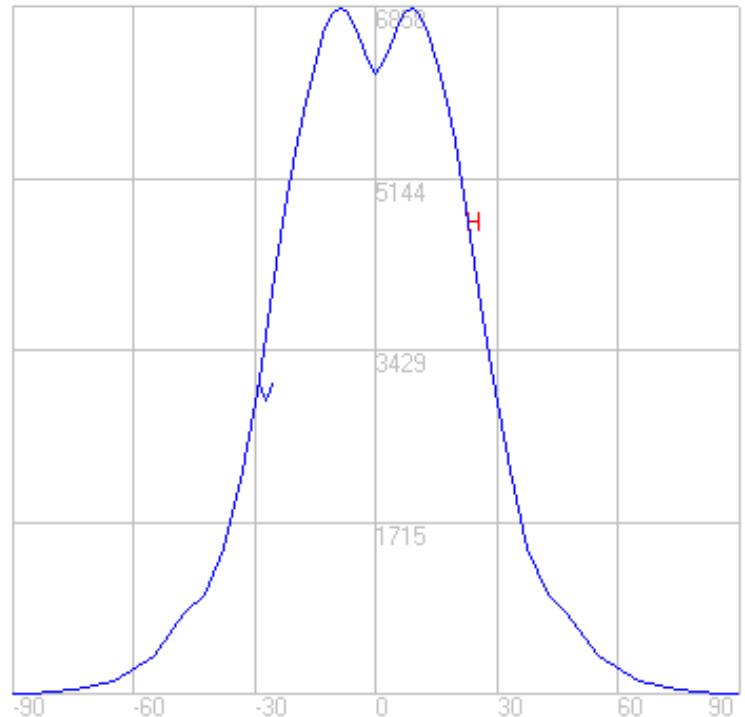
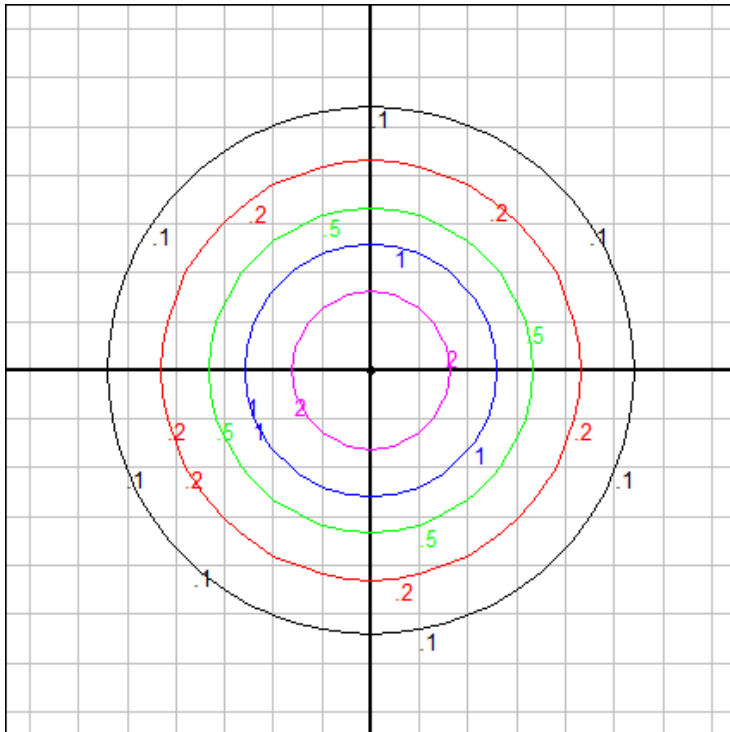


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 6858.11         |
| Maximum Candela Angle        | -7 H -7 V       |
| Horizontal Beam Angle (50%)  | 54.1            |
| Vertical Beam Angle (50%)    | 54.1            |
| Horizontal Field Angle (10%) | 98.5            |
| Vertical Field Angle (10%)   | 98.5            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 3941            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 6108            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 643             |
| Luminaire Lumens             | 6750            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 69              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 640.21  |
| 10-20   | 1754.25 |
| 20-30   | 1894.56 |
| 30-40   | 1183.35 |
| 40-50   | 687.48  |
| 50-60   | 365.47  |
| 60-70   | 137.09  |
| 70-80   | 53.98   |
| 80-90   | 11.44   |
| 90-100  | 0.00    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |



Mounting Height: 50 ft.

Grid Spacing: 10 ft.

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

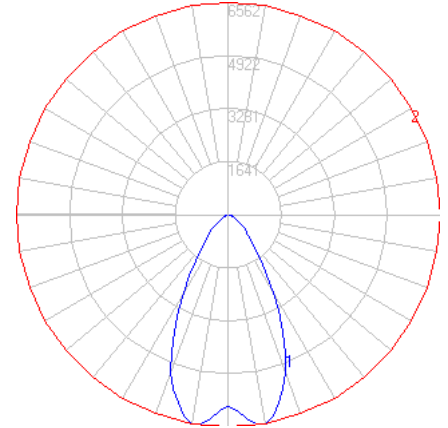
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# BEGA

File: 84227K27\_BEGA\_IES.ies

TEST: BE\_84227K4  
TEST LAB: BEGA  
DATE: 8/8/2019  
LUMINAIRE: 84 227K27  
LAMP: 60.3W LED

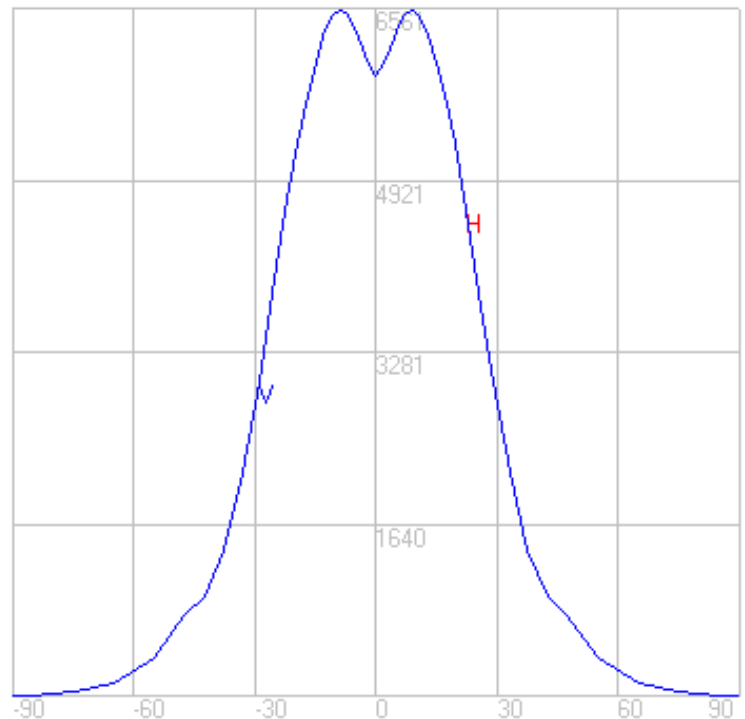
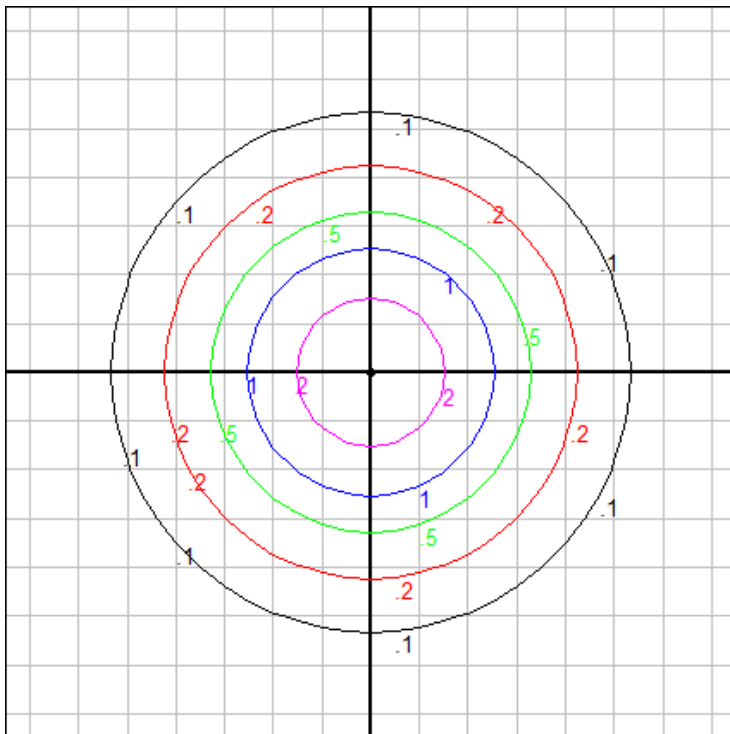


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 6561.466        |
| Maximum Candela Angle        | -7 H -7 V       |
| Horizontal Beam Angle (50%)  | 54.1            |
| Vertical Beam Angle (50%)    | 54.1            |
| Horizontal Field Angle (10%) | 98.5            |
| Vertical Field Angle (10%)   | 98.5            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 3770            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 5843            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 615             |
| Luminaire Lumens             | 6458            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 69              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 612.52  |
| 10-20   | 1678.37 |
| 20-30   | 1812.61 |
| 30-40   | 1132.16 |
| 40-50   | 657.74  |
| 50-60   | 349.66  |
| 60-70   | 131.16  |
| 70-80   | 51.64   |
| 80-90   | 10.95   |
| 90-100  | 0.00    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |



Mounting Height: 50 ft.

Grid Spacing: 10 ft.

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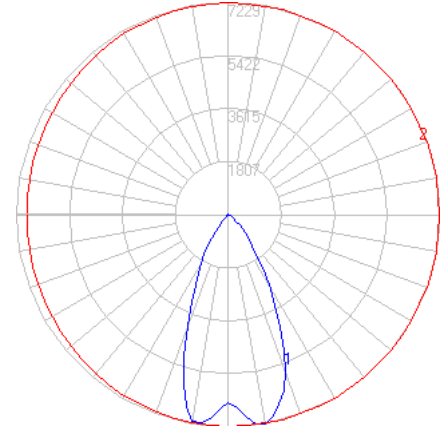
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# BEGA

File: 84227K4\_71121\_BEGA\_IES.ies

TEST: BE\_84227K4\_71121  
TEST LAB: BEGA  
DATE: 8/8/2019  
LUMINAIRE: 84 227K4 + 71121  
LAMP: 60.3W LED

\*For additional CCTs, please consult factory

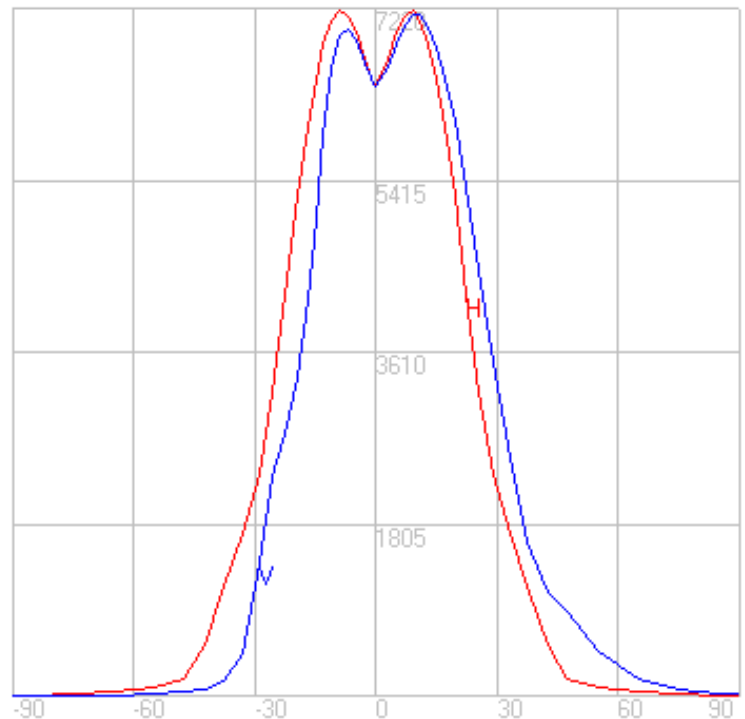
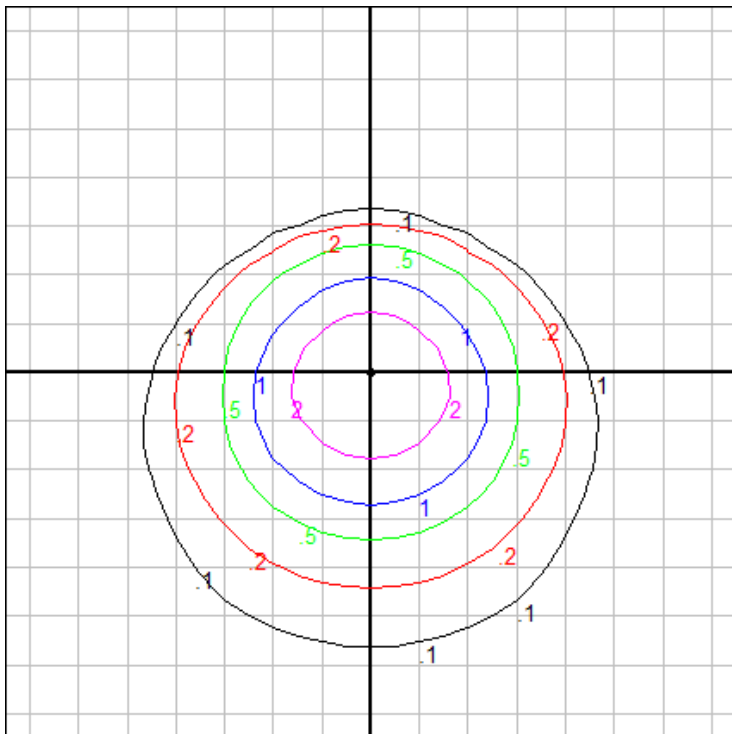


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 7220.2          |
| Maximum Candela Angle        | -7 H 7 V        |
| Horizontal Beam Angle (50%)  | 50.1            |
| Vertical Beam Angle (50%)    | 45.5            |
| Horizontal Field Angle (10%) | 83.5            |
| Vertical Field Angle (10%)   | 81.5            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 3203            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 4947            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 456             |
| Luminaire Lumens             | 5403            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 69              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 667.59  |
| 10-20   | 1687.3  |
| 20-30   | 1577.89 |
| 30-40   | 826.38  |
| 40-50   | 358.34  |
| 50-60   | 163.78  |
| 60-70   | 66.79   |
| 70-80   | 29.30   |
| 80-90   | 10.73   |
| 90-100  | 1.08    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |



Mounting Height: 50 ft.

Grid Spacing: 10 ft.

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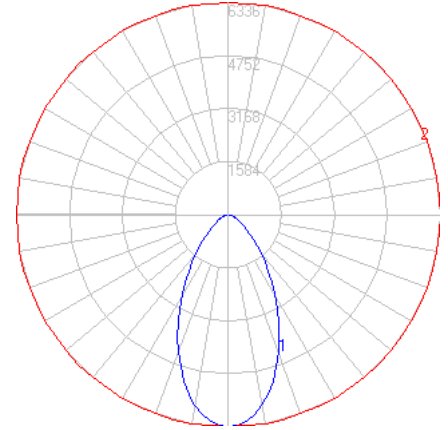
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# BEGA

File: 84227K4\_71123\_BEGA\_IES.ies

TEST: BE\_84227K4\_71123  
TEST LAB: BEGA  
DATE: 8/8/2019  
LUMINAIRE: 84 227K4 + 71123  
LAMP: 60.3W LED

\*For additional CCTs, please consult factory

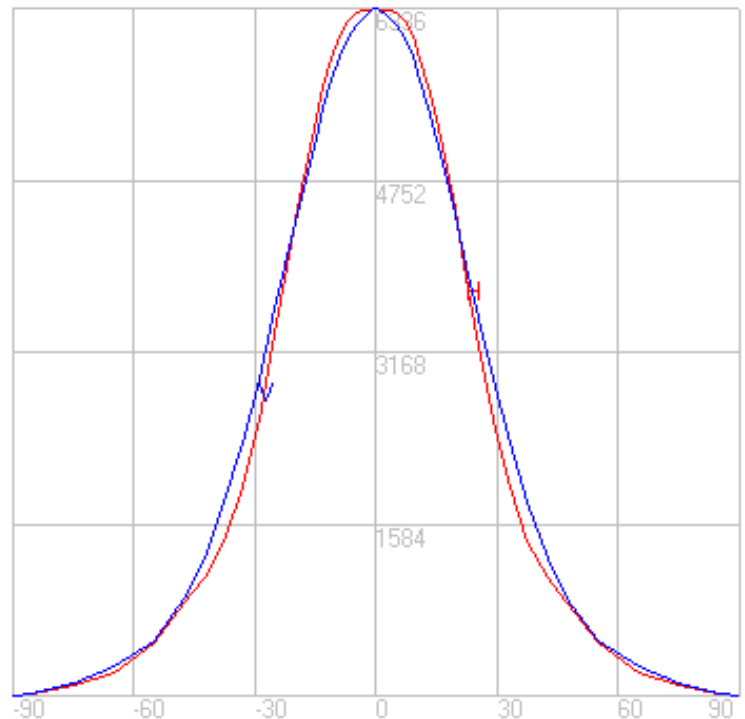
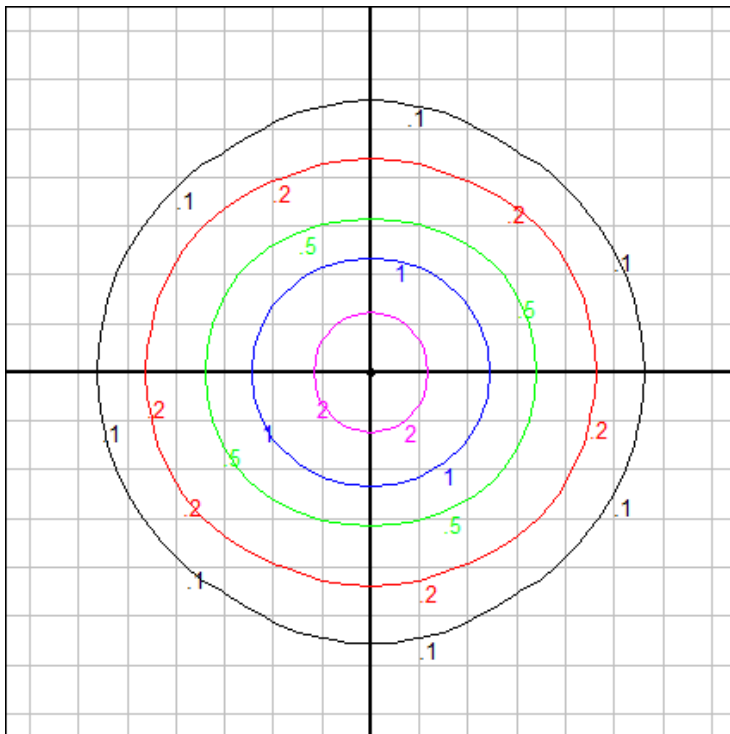


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 6336            |
| Maximum Candela Angle        | 0 H 0 V         |
| Horizontal Beam Angle (50%)  | 51.6            |
| Vertical Beam Angle (50%)    | 55.0            |
| Horizontal Field Angle (10%) | 104.2           |
| Vertical Field Angle (10%)   | 105.1           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 3195            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 5776            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 709             |
| Luminaire Lumens             | 6485            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 69              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 586.45  |
| 10-20   | 1461.56 |
| 20-30   | 1605.97 |
| 30-40   | 1217.6  |
| 40-50   | 785.53  |
| 50-60   | 450.81  |
| 60-70   | 234.81  |
| 70-80   | 105.52  |
| 80-90   | 19.27   |
| 90-100  | 0.02    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |



Mounting Height: 50 ft.

Grid Spacing: 10 ft.

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