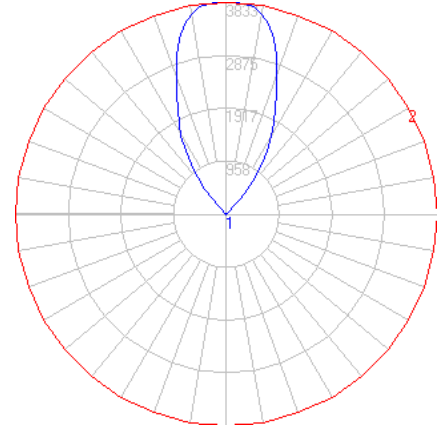


# BEGA

File: 84309K4\_BEGA\_IES.ies

TEST: 84309K4  
TEST LAB: BEGA  
DATE: 08/19/20  
LUMINAIRE: 84309K4  
LAMP: 27.4W LED

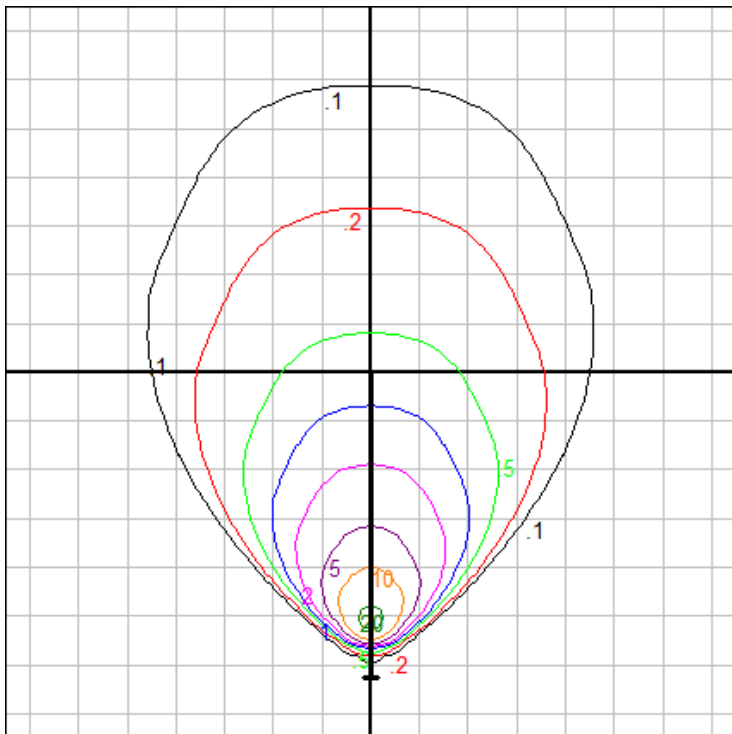


### Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 3832.8          |
| Maximum Candela Angle        | -3 H 0 V        |
| Horizontal Beam Angle (50%)  | 53.6            |
| Vertical Beam Angle (50%)    | 53.9            |
| Horizontal Field Angle (10%) | 85.0            |
| Vertical Field Angle (10%)   | 85.0            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1913            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 3009            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 118             |
| Luminaire Lumens             | 3127            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 32              |
| Ballast Factor               | 1.00            |

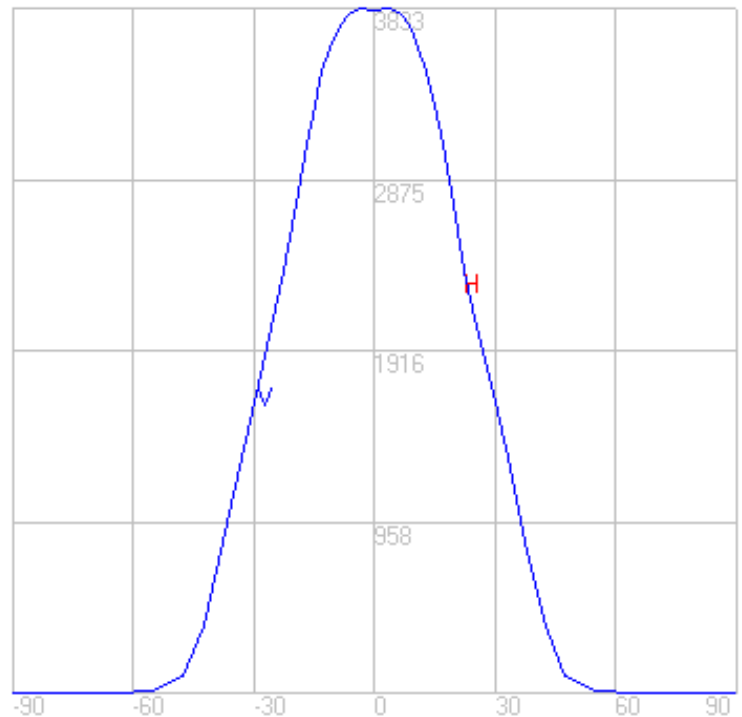
### Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 360.74 |
| 10-20   | 907.53 |
| 20-30   | 966.92 |
| 30-40   | 685.60 |
| 40-50   | 186.74 |
| 50-60   | 8.16   |
| 60-70   | 1.36   |
| 70-80   | 0.80   |
| 80-90   | 0.11   |
| 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   |



Setback Distance: 3 ft.

Grid Spacing: 4 ft.

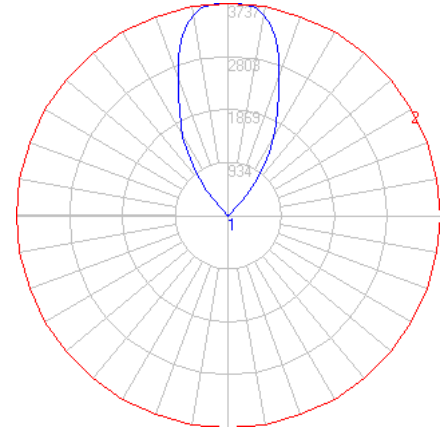


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# BEGA

File: 84309K35\_BEGA\_IES.ies

TEST: 84309K4  
TEST LAB: BEGA  
DATE: 08/19/20  
LUMINAIRE: 84309K35  
LAMP: 27.4W LED

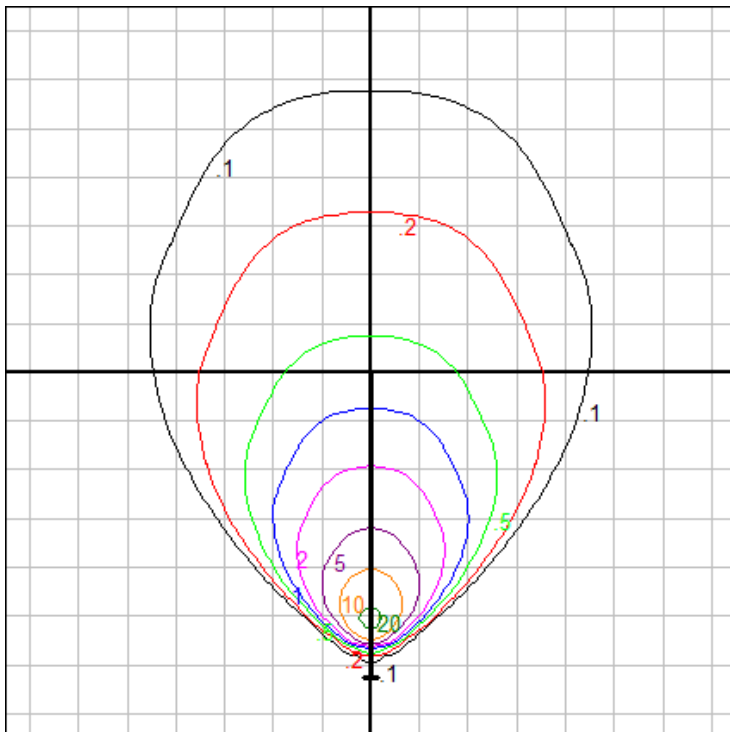


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 3736.941        |
| Maximum Candela Angle        | -3 H 0 V        |
| Horizontal Beam Angle (50%)  | 53.6            |
| Vertical Beam Angle (50%)    | 53.9            |
| Horizontal Field Angle (10%) | 85.0            |
| Vertical Field Angle (10%)   | 85.0            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1865            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 2934            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 115             |
| Luminaire Lumens             | 3048            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 32              |
| Ballast Factor               | 1.00            |

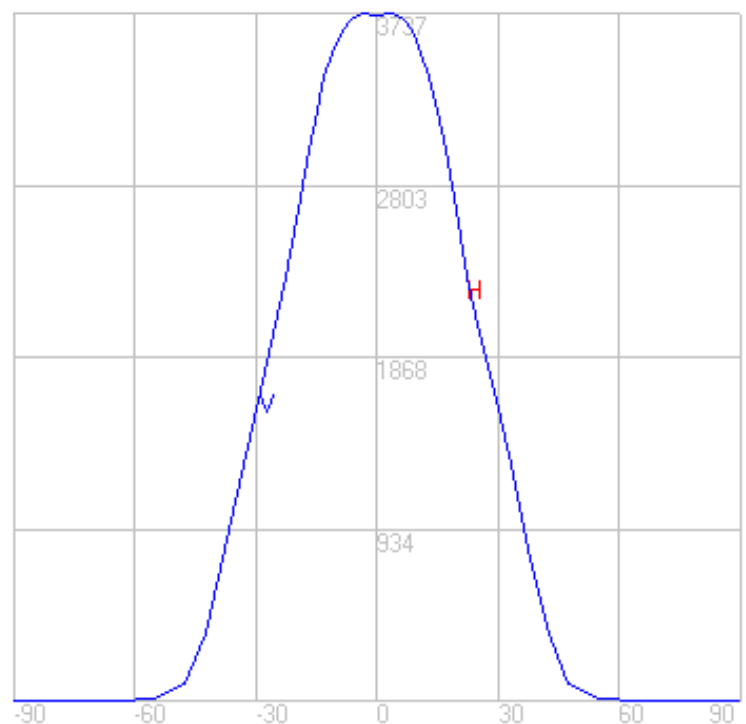
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 351.72 |
| 10-20   | 884.85 |
| 20-30   | 942.75 |
| 30-40   | 668.46 |
| 40-50   | 182.07 |
| 50-60   | 7.96   |
| 60-70   | 1.33   |
| 70-80   | 0.78   |
| 80-90   | 0.11   |
| 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   |



Setback Distance: 2 ft.

Grid Spacing: 3 ft.



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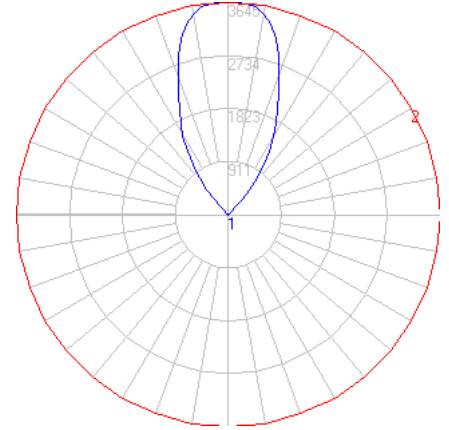
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# BEGA

File: 84309K3\_BEGA\_IES.ies

TEST: 84309K4  
TEST LAB: BEGA  
DATE: 08/19/20  
LUMINAIRE: 84309K3  
LAMP: 27.4W LED

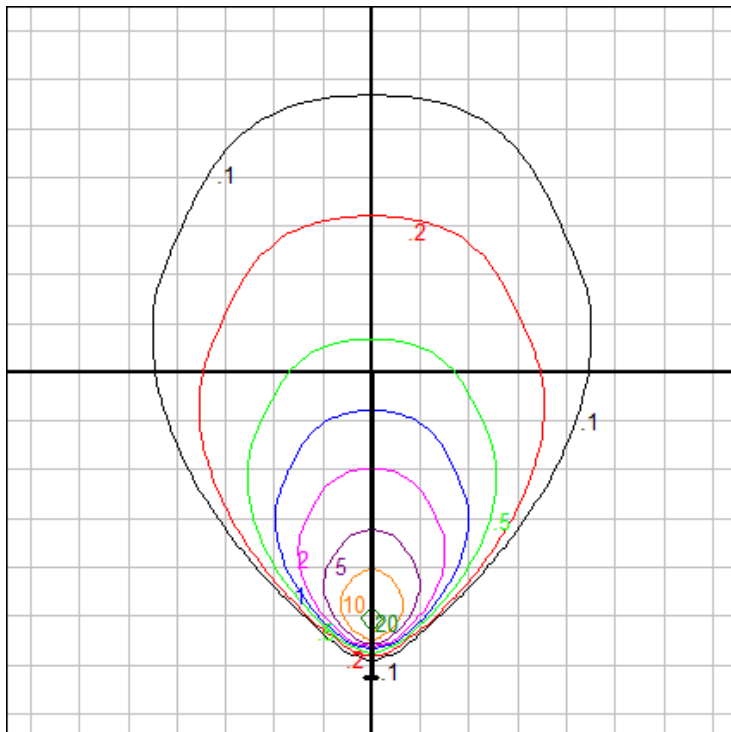


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 3644.955        |
| Maximum Candela Angle        | -3 H 0 V        |
| Horizontal Beam Angle (50%)  | 53.6            |
| Vertical Beam Angle (50%)    | 53.9            |
| Horizontal Field Angle (10%) | 85.0            |
| Vertical Field Angle (10%)   | 85.0            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1819            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 2862            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 112             |
| Luminaire Lumens             | 2973            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 32              |
| Ballast Factor               | 1.00            |

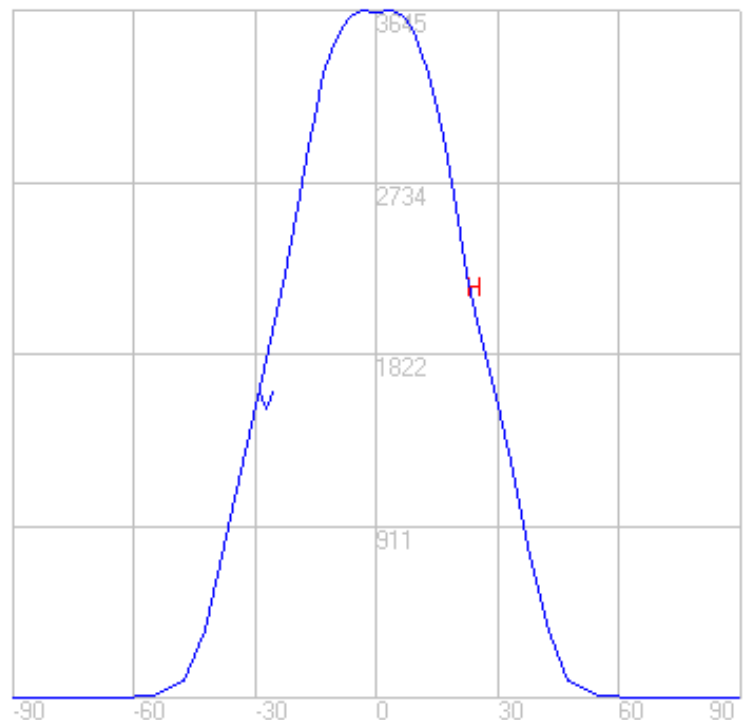
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 343.06 |
| 10-20   | 863.06 |
| 20-30   | 919.54 |
| 30-40   | 652.00 |
| 40-50   | 177.59 |
| 50-60   | 7.76   |
| 60-70   | 1.29   |
| 70-80   | 0.76   |
| 80-90   | 0.10   |
| 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   |



Setback Distance: 3 ft.

Grid Spacing: 4 ft.



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

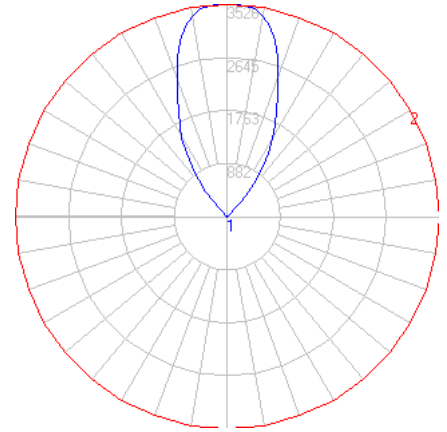
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# BEGA

File: 84309K27\_BEGA\_IES.ies

TEST: 84309K4  
TEST LAB: BEGA  
DATE: 08/19/20  
LUMINAIRE: 84309K27  
LAMP: 27.4W LED

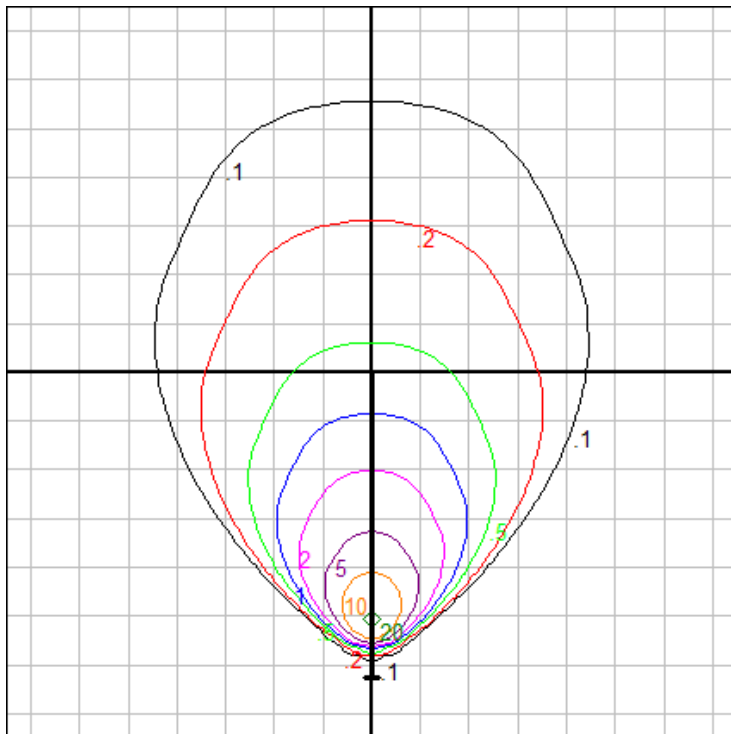


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 3526.139        |
| Maximum Candela Angle        | -3 H 0 V        |
| Horizontal Beam Angle (50%)  | 53.6            |
| Vertical Beam Angle (50%)    | 53.9            |
| Horizontal Field Angle (10%) | 85.0            |
| Vertical Field Angle (10%)   | 85.0            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1760            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 2768            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 108             |
| Luminaire Lumens             | 2876            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 32              |
| Ballast Factor               | 1.00            |

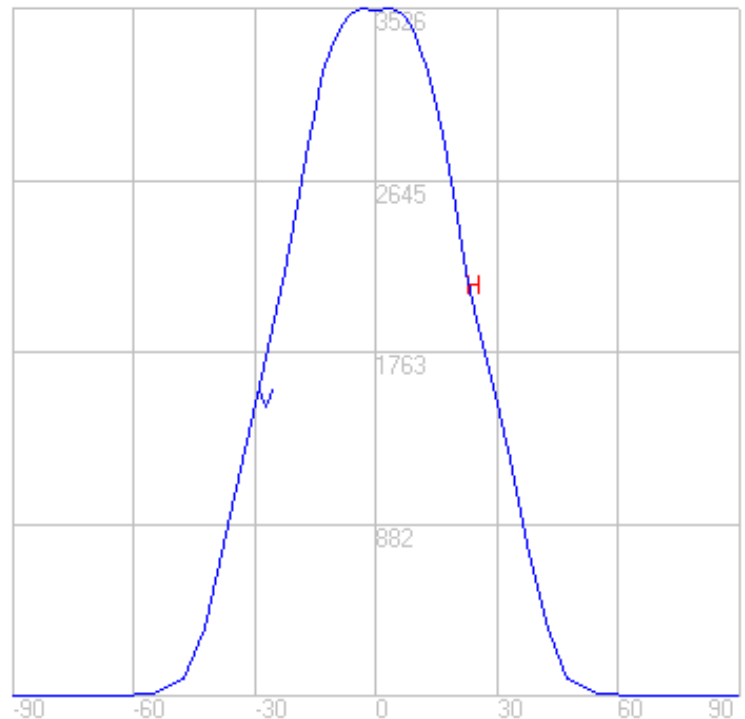
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 331.88 |
| 10-20   | 834.93 |
| 20-30   | 889.57 |
| 30-40   | 630.75 |
| 40-50   | 171.80 |
| 50-60   | 7.51   |
| 60-70   | 1.25   |
| 70-80   | 0.74   |
| 80-90   | 0.10   |
| 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   |



Setback Distance: 3 ft.

Grid Spacing: 4 ft.



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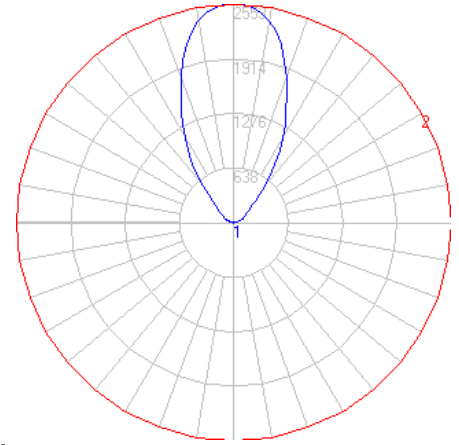
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# BEGA

File: 84309K4\_NSL\_BEGA\_IES.ies

TEST: 84309RK4  
TEST LAB: BEGA  
DATE: 08/19/20  
LUMINAIRE: 84309K4 + Non Skid Lens  
LAMP: 27.4W LED

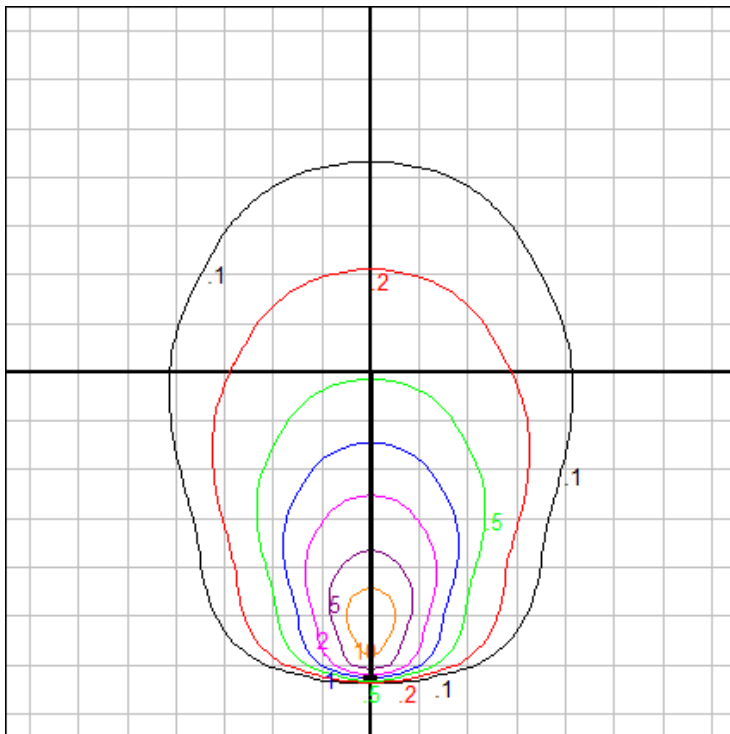


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 5 H x 5 V       |
| Maximum Candela              | 3526.139        |
| Maximum Candela Angle        | -3 H 0 V        |
| Horizontal Beam Angle (50%)  | 53.6            |
| Vertical Beam Angle (50%)    | 53.9            |
| Horizontal Field Angle (10%) | 85.0            |
| Vertical Field Angle (10%)   | 85.0            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1760            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 2768            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 108             |
| Luminaire Lumens             | 2876            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 32              |
| Ballast Factor               | 1.00            |

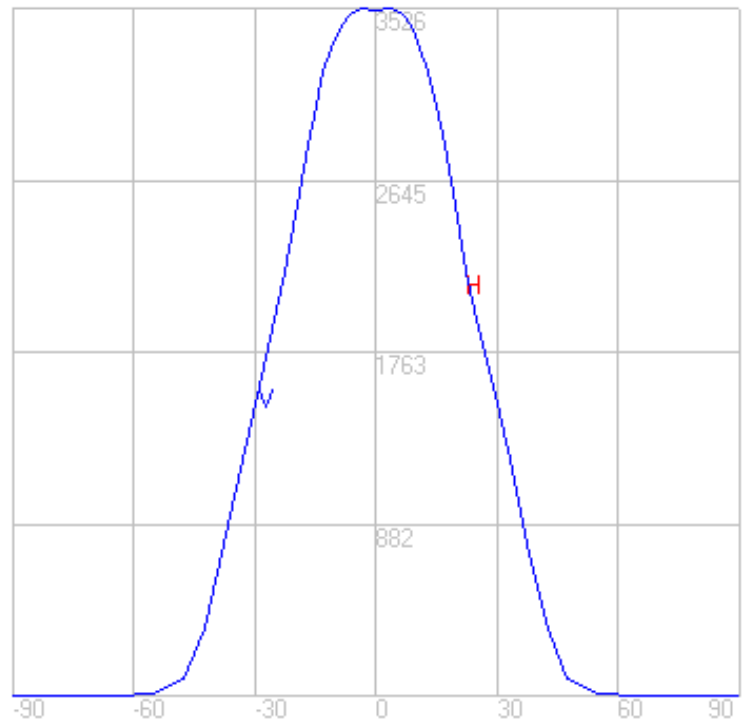
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 331.88 |
| 10-20   | 834.93 |
| 20-30   | 889.57 |
| 30-40   | 630.75 |
| 40-50   | 171.80 |
| 50-60   | 7.51   |
| 60-70   | 1.25   |
| 70-80   | 0.74   |
| 80-90   | 0.10   |
| 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   |



Setback Distance: 2 ft.

Grid Spacing: 3 ft.



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