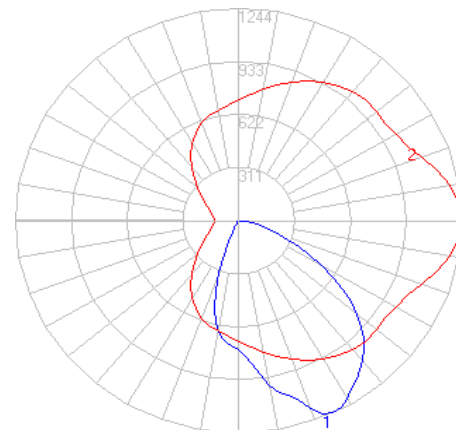


# BEGA

File: 24566K4\_BEGA\_IES.ies

TEST: BE\_24566K4  
TEST LAB: BEGA  
DATE: 6/14/2019  
LUMINAIRE: 24 566K4  
LAMP: 16.8W LED

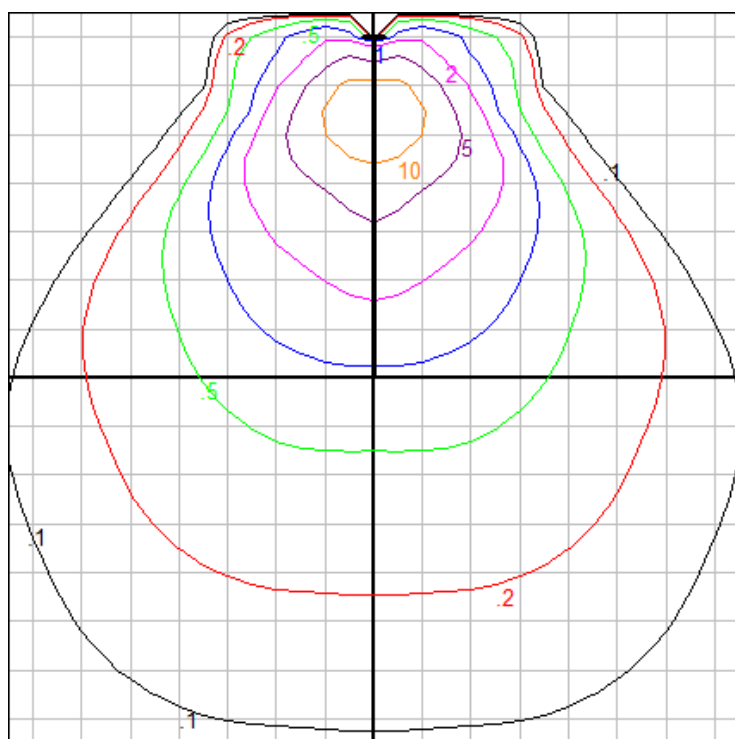


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 1241.832        |
| Maximum Candela Angle        | 0 H 25.5 V      |
| Horizontal Beam Angle (50%)  | 67.5            |
| Vertical Beam Angle (50%)    | 69.5            |
| Horizontal Field Angle (10%) | 106.8           |
| Vertical Field Angle (10%)   | 102.0           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1015            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 1539            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 81              |
| Luminaire Lumens             | 1620            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 20              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

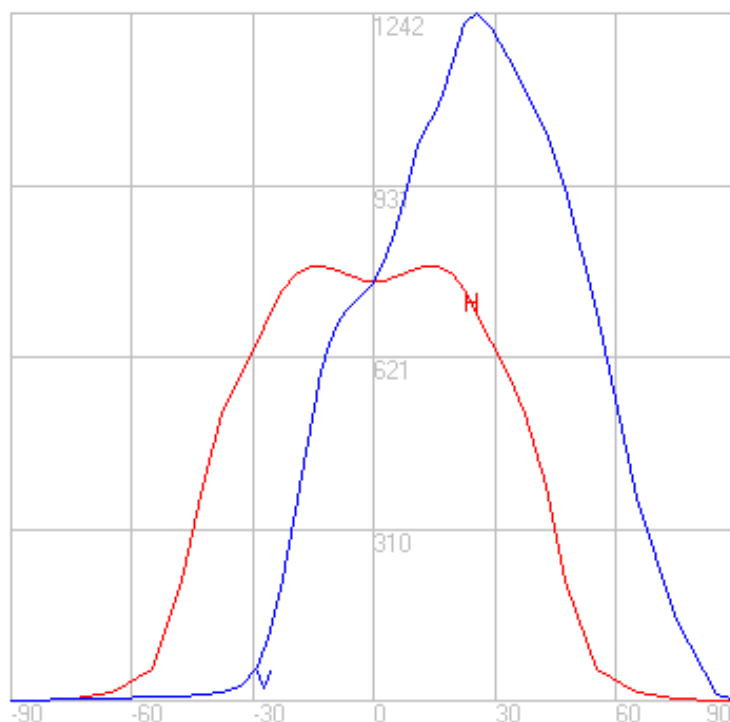
| Zone    | Lumens |
|---------|--------|
| 0-10    | 74.76  |
| 10-20   | 225.98 |
| 20-30   | 311.89 |
| 30-40   | 316.76 |
| 40-50   | 288.98 |
| 50-60   | 206.38 |
| 60-70   | 112.18 |
| 70-80   | 55.23  |
| 80-90   | 22.77  |
| 90-100  | 0.00   |
| 100-110 | 0.00   |
| 110-120 | 0.00   |
| 120-130 | 0.00   |
| 130-140 | 0.00   |
| 140-150 | 0.00   |
| 150-160 | 0.00   |
| 160-170 | 0.00   |
| 170-180 | 0.00   |



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

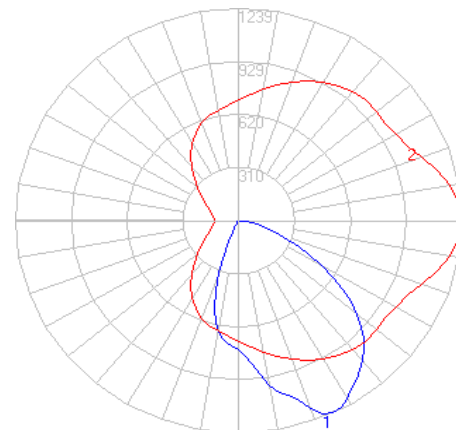
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# BEGA

File: 24566K35\_BEGA\_IES.ies

TEST: BE\_24566K4  
TEST LAB: BEGA  
DATE: 6/14/2019  
LUMINAIRE: 24 566K35  
LAMP: 16.8W LED

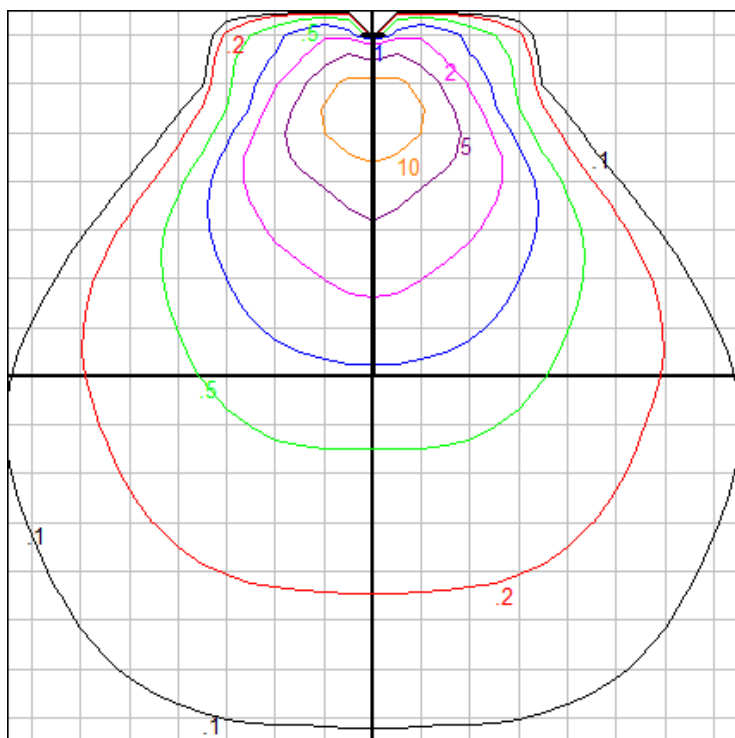


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 1237.444        |
| Maximum Candela Angle        | 0 H 25.5 V      |
| Horizontal Beam Angle (50%)  | 67.5            |
| Vertical Beam Angle (50%)    | 69.5            |
| Horizontal Field Angle (10%) | 106.8           |
| Vertical Field Angle (10%)   | 102.0           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1012            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 1533            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 81              |
| Luminaire Lumens             | 1614            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 20              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

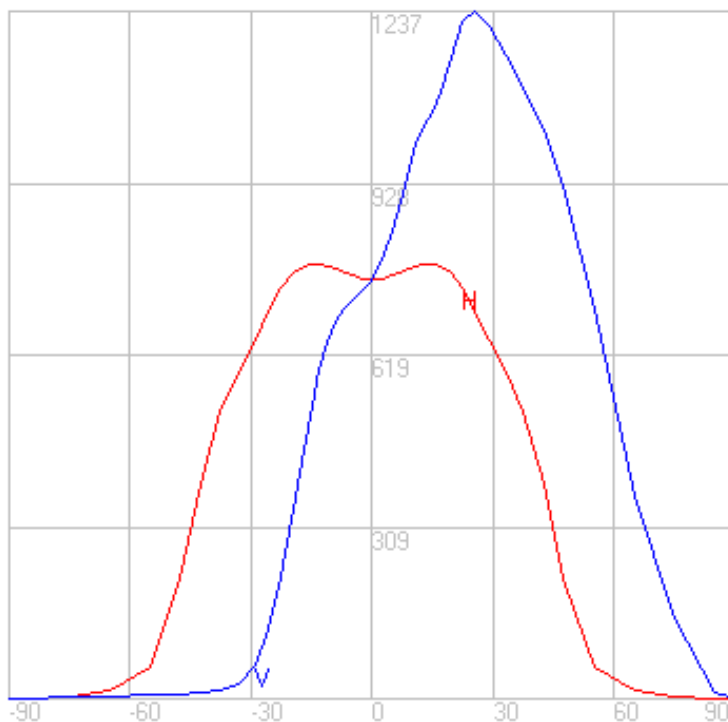
| Zone    | Lumens |
|---------|--------|
| 0-10    | 74.49  |
| 10-20   | 225.18 |
| 20-30   | 310.79 |
| 30-40   | 315.64 |
| 40-50   | 287.96 |
| 50-60   | 205.65 |
| 60-70   | 111.78 |
| 70-80   | 55.03  |
| 80-90   | 22.69  |
| 90-100  | 0.00   |
| 100-110 | 0.00   |
| 110-120 | 0.00   |
| 120-130 | 0.00   |
| 130-140 | 0.00   |
| 140-150 | 0.00   |
| 150-160 | 0.00   |
| 160-170 | 0.00   |
| 170-180 | 0.00   |



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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

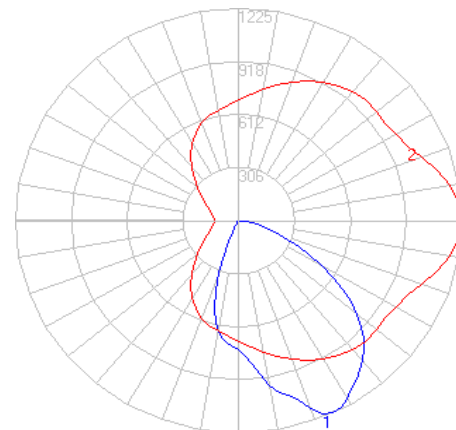
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# BEGA

File: 24566K3\_BEGA\_IES.ies

TEST: BE\_24566K4  
TEST LAB: BEGA  
DATE: 6/14/2019  
LUMINAIRE: 24 566K3  
LAMP: 16.8W LED

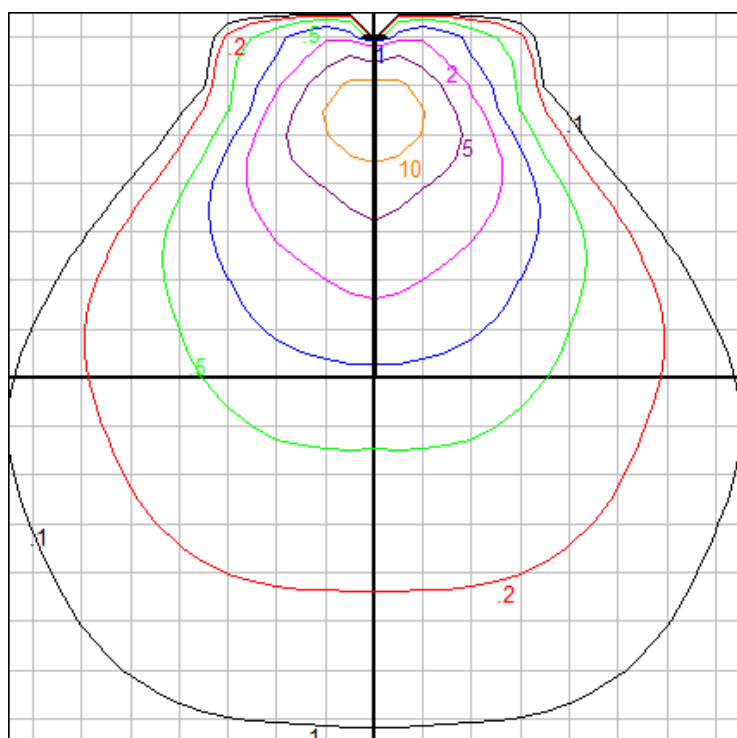


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 1222.817        |
| Maximum Candela Angle        | 0 H 25.5 V      |
| Horizontal Beam Angle (50%)  | 67.5            |
| Vertical Beam Angle (50%)    | 69.5            |
| Horizontal Field Angle (10%) | 106.8           |
| Vertical Field Angle (10%)   | 102.0           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1000            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 1515            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 80              |
| Luminaire Lumens             | 1595            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 20              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

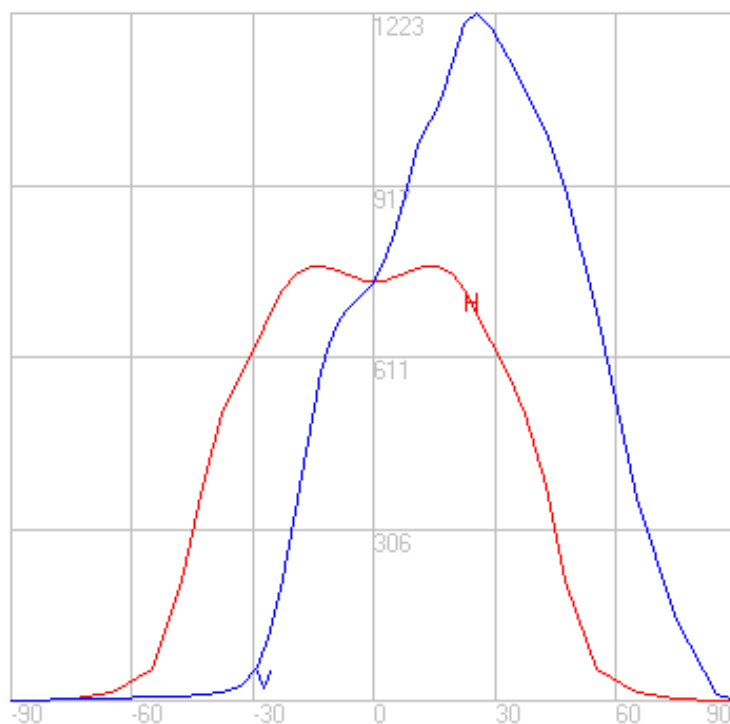
| Zone    | Lumens |
|---------|--------|
| 0-10    | 73.61  |
| 10-20   | 222.52 |
| 20-30   | 307.11 |
| 30-40   | 311.91 |
| 40-50   | 284.56 |
| 50-60   | 203.22 |
| 60-70   | 110.46 |
| 70-80   | 54.38  |
| 80-90   | 22.42  |
| 90-100  | 0.00   |
| 100-110 | 0.00   |
| 110-120 | 0.00   |
| 120-130 | 0.00   |
| 130-140 | 0.00   |
| 140-150 | 0.00   |
| 150-160 | 0.00   |
| 160-170 | 0.00   |
| 170-180 | 0.00   |



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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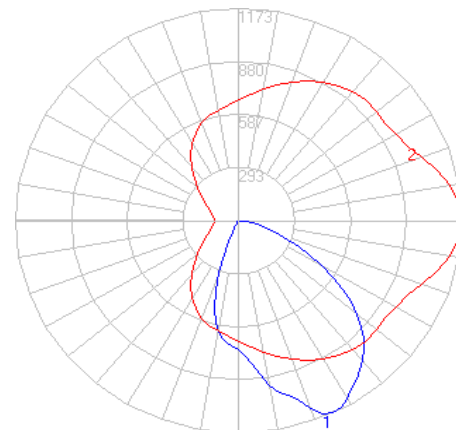
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# BEGA

File: 24566K27\_BEGA\_IES.ies

TEST: BE\_24566K4  
TEST LAB: BEGA  
DATE: 6/14/2019  
LUMINAIRE: 24 566K27  
LAMP: 16.8W LED

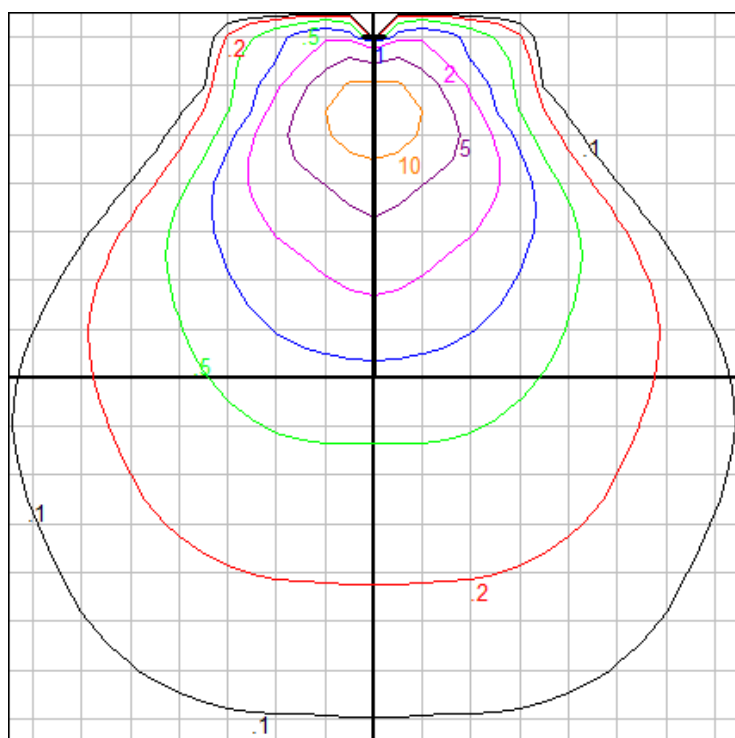


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 1171.623        |
| Maximum Candela Angle        | 0 H 25.5 V      |
| Horizontal Beam Angle (50%)  | 67.5            |
| Vertical Beam Angle (50%)    | 69.5            |
| Horizontal Field Angle (10%) | 106.8           |
| Vertical Field Angle (10%)   | 102.0           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 958             |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 1452            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 77              |
| Luminaire Lumens             | 1528            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 20              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

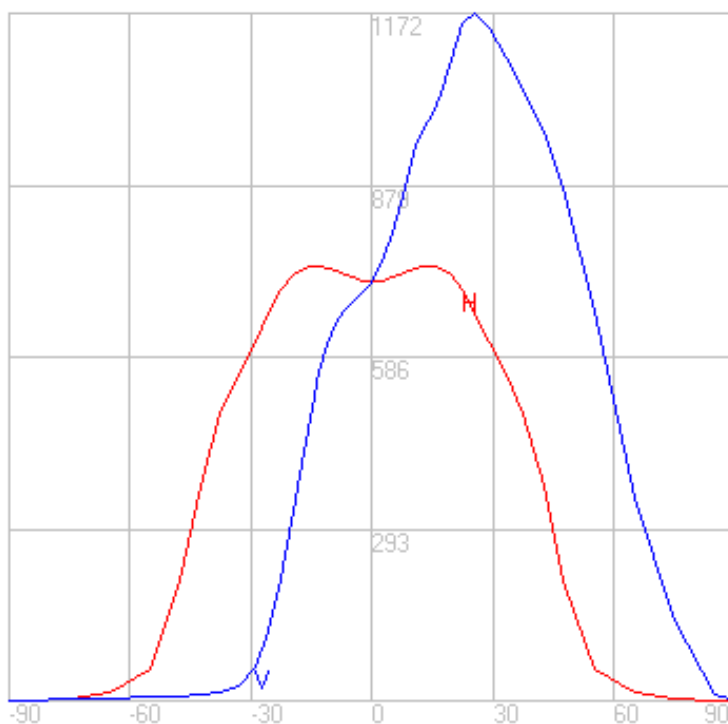
| Zone    | Lumens |
|---------|--------|
| 0-10    | 70.53  |
| 10-20   | 213.20 |
| 20-30   | 294.25 |
| 30-40   | 298.85 |
| 40-50   | 272.65 |
| 50-60   | 194.71 |
| 60-70   | 105.84 |
| 70-80   | 52.11  |
| 80-90   | 21.48  |
| 90-100  | 0.00   |
| 100-110 | 0.00   |
| 110-120 | 0.00   |
| 120-130 | 0.00   |
| 130-140 | 0.00   |
| 140-150 | 0.00   |
| 150-160 | 0.00   |
| 160-170 | 0.00   |
| 170-180 | 0.00   |



Isofootcandle grid on wall

Setback: 5 ft.

Grid Spacing: 2.5 ft.



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