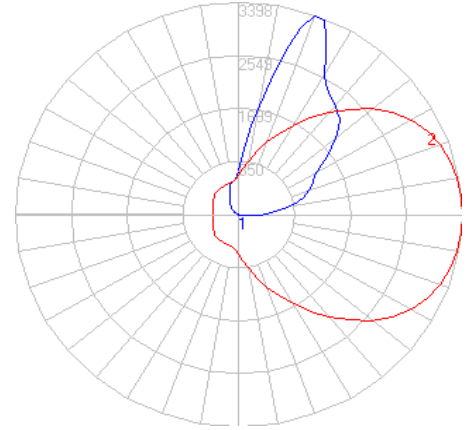


# BEGA

File: 84174K4\_BEGA\_IES.ies

TEST: BE\_84174K4  
TEST LAB: BEGA  
DATE: 11/30/2018  
LUMINAIRE: 84 174K4  
LAMP: 29.1W LED

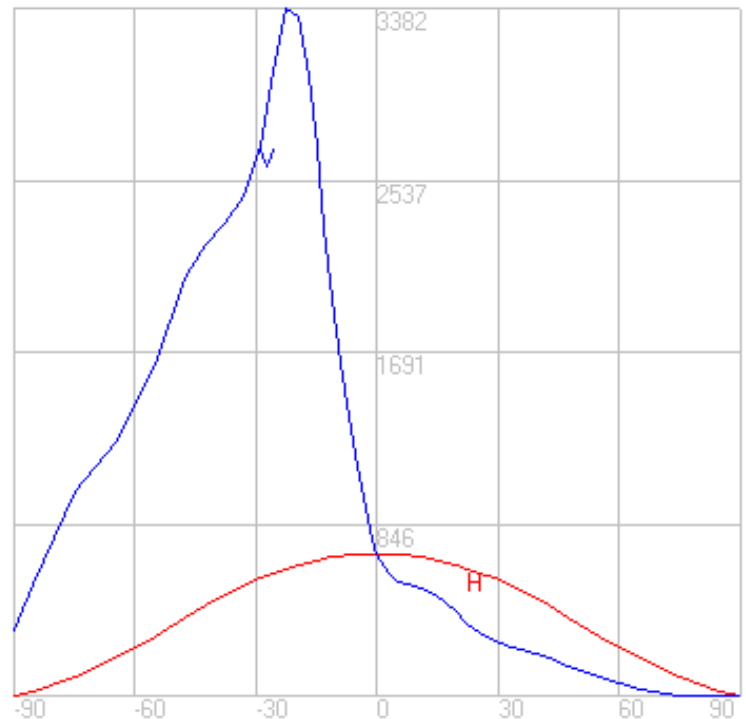
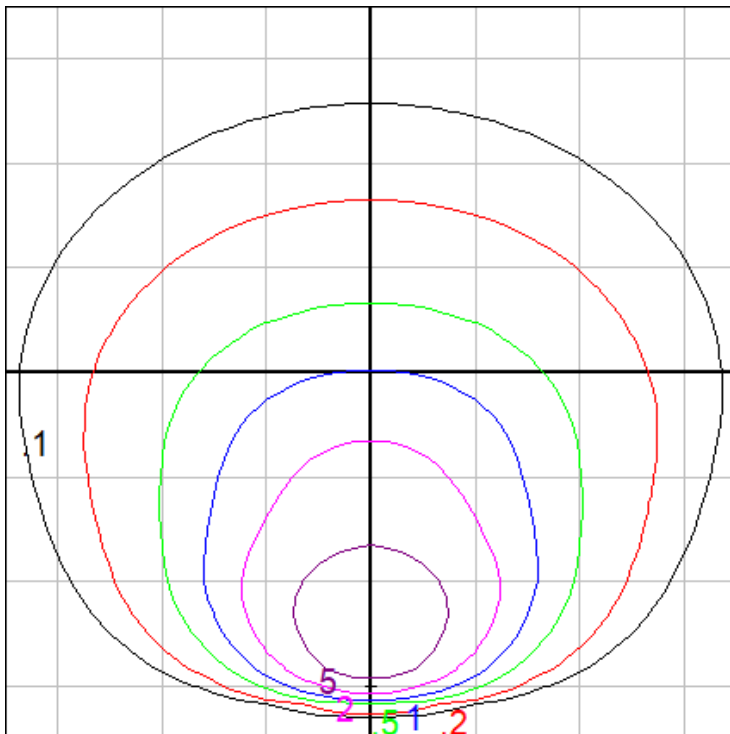


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 3382.4          |
| Maximum Candela Angle        | 0 H -22.5 V     |
| Horizontal Beam Angle (50%)  | 74.9            |
| Vertical Beam Angle (50%)    | 44.6            |
| Horizontal Field Angle (10%) | 125.6           |
| Vertical Field Angle (10%)   | 113.4           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1888            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 3814            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 346             |
| Luminaire Lumens             | 4160            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 34              |
| Ballast Factor               | 1.00            |

## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 0.00   |
| 10-20   | 0.00   |
| 20-30   | 0.00   |
| 30-40   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 1.19   |
| 80-90   | 39.47  |
| 90-100  | 167.19 |
| 100-110 | 342.28 |
| 110-120 | 500.97 |
| 120-130 | 647.76 |
| 130-140 | 731.69 |
| 140-150 | 726.01 |
| 150-160 | 631.44 |
| 160-170 | 334.25 |
| 170-180 | 79.17  |



Setback from wall: 10 ft.

Grid Spacing: 10 ft.

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

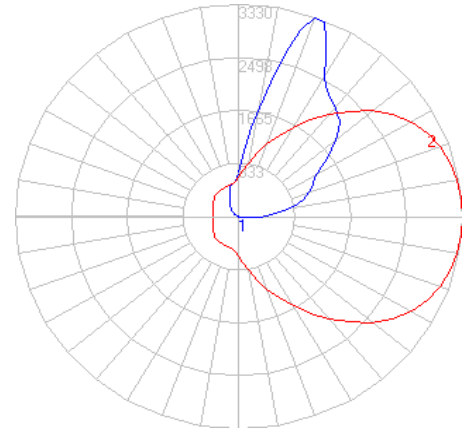
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# BEGA

File: 84174K35\_BEGA\_IES.ies

TEST: BE\_84174K4  
TEST LAB: BEGA  
DATE: 11/30/2018  
LUMINAIRE: 84 174K35  
LAMP: 29.1W LED

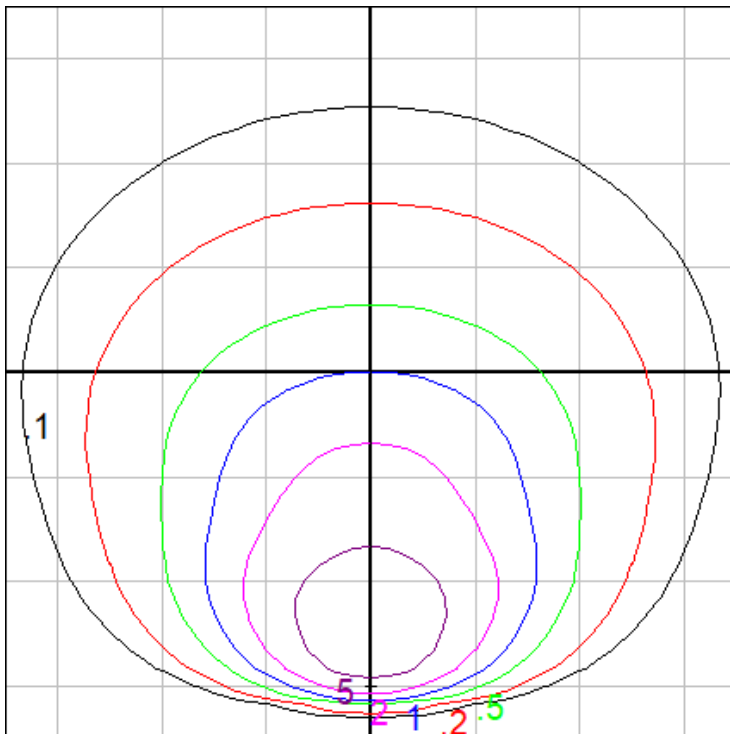


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 3314.752        |
| Maximum Candela Angle        | 0 H -22.5 V     |
| Horizontal Beam Angle (50%)  | 74.9            |
| Vertical Beam Angle (50%)    | 44.6            |
| Horizontal Field Angle (10%) | 125.6           |
| Vertical Field Angle (10%)   | 113.4           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1850            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 3738            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 339             |
| Luminaire Lumens             | 4076            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 34              |
| Ballast Factor               | 1.00            |

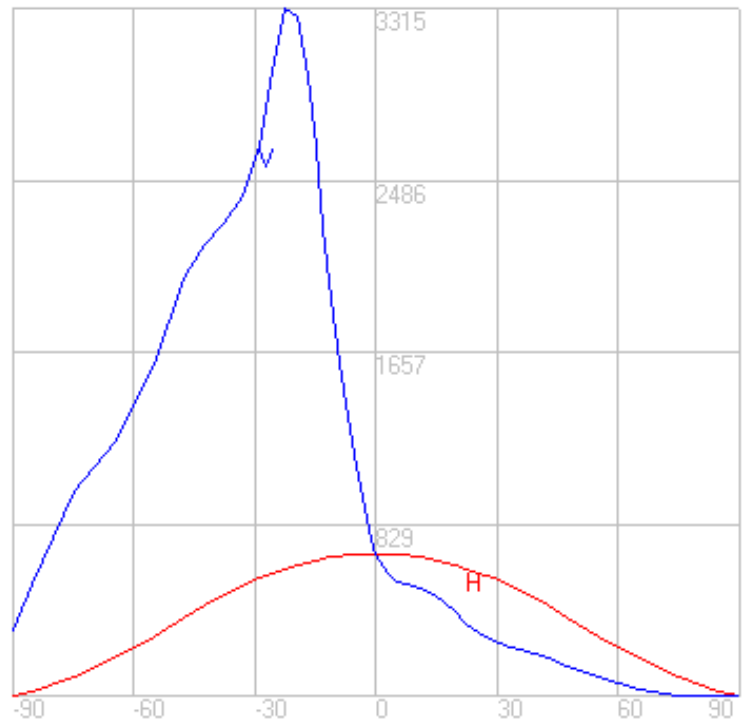
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 0.00   |
| 10-20   | 0.00   |
| 20-30   | 0.00   |
| 30-40   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 1.17   |
| 80-90   | 38.68  |
| 90-100  | 163.84 |
| 100-110 | 335.43 |
| 110-120 | 490.95 |
| 120-130 | 634.80 |
| 130-140 | 717.06 |
| 140-150 | 711.49 |
| 150-160 | 618.81 |
| 160-170 | 327.56 |
| 170-180 | 77.59  |



Setback from wall: 10 ft.

Grid Spacing: 10 ft.



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

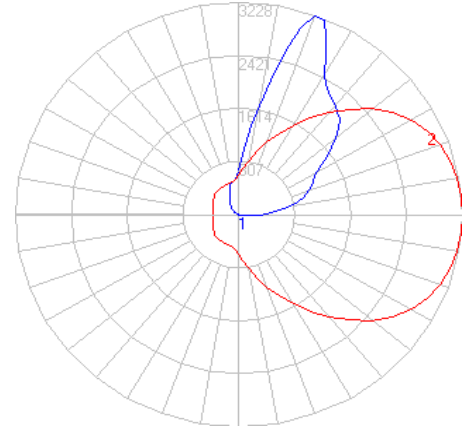
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# BEGA

File: 84174K3\_BEGA\_IES.ies

TEST: BE\_84174K4  
TEST LAB: BEGA  
DATE: 11/30/2018  
LUMINAIRE: 84 174K3  
LAMP: 29.1W LED

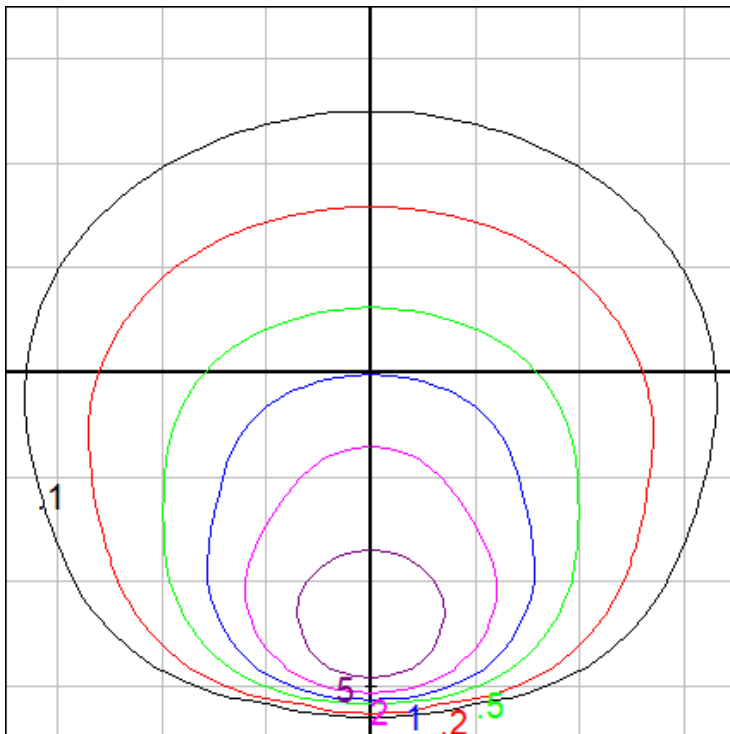


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 3213.28         |
| Maximum Candela Angle        | 0 H -22.5 V     |
| Horizontal Beam Angle (50%)  | 74.9            |
| Vertical Beam Angle (50%)    | 44.6            |
| Horizontal Field Angle (10%) | 125.6           |
| Vertical Field Angle (10%)   | 113.4           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1793            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 3623            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 328             |
| Luminaire Lumens             | 3952            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 34              |
| Ballast Factor               | 1.00            |

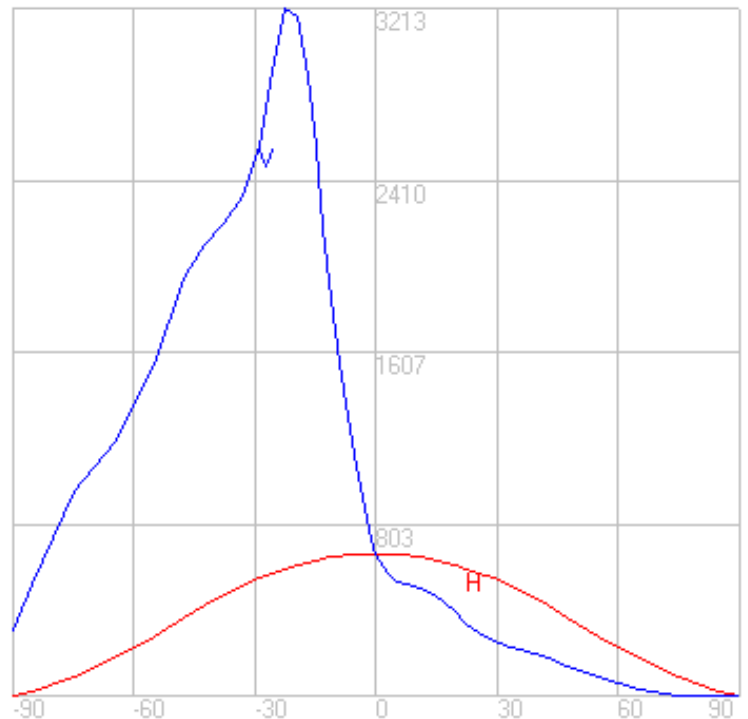
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 0.00   |
| 10-20   | 0.00   |
| 20-30   | 0.00   |
| 30-40   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 1.13   |
| 80-90   | 37.49  |
| 90-100  | 158.83 |
| 100-110 | 325.16 |
| 110-120 | 475.92 |
| 120-130 | 615.37 |
| 130-140 | 695.11 |
| 140-150 | 689.71 |
| 150-160 | 599.87 |
| 160-170 | 317.53 |
| 170-180 | 75.21  |



Setback from wall: 10 ft.

Grid Spacing: 10 ft.



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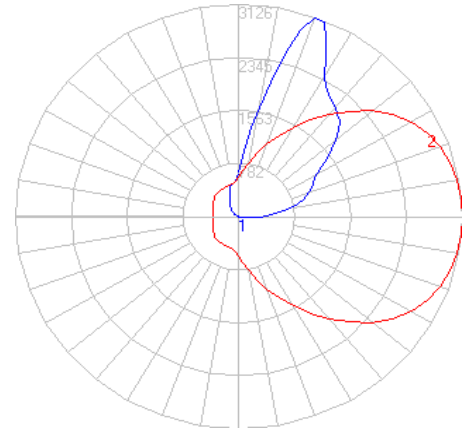
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# BEGA

File: 84174K27\_BEGA\_IES.ies

TEST: BE\_84174K4  
TEST LAB: BEGA  
DATE: 11/30/2018  
LUMINAIRE: 84 174K27  
LAMP: 29.1W LED

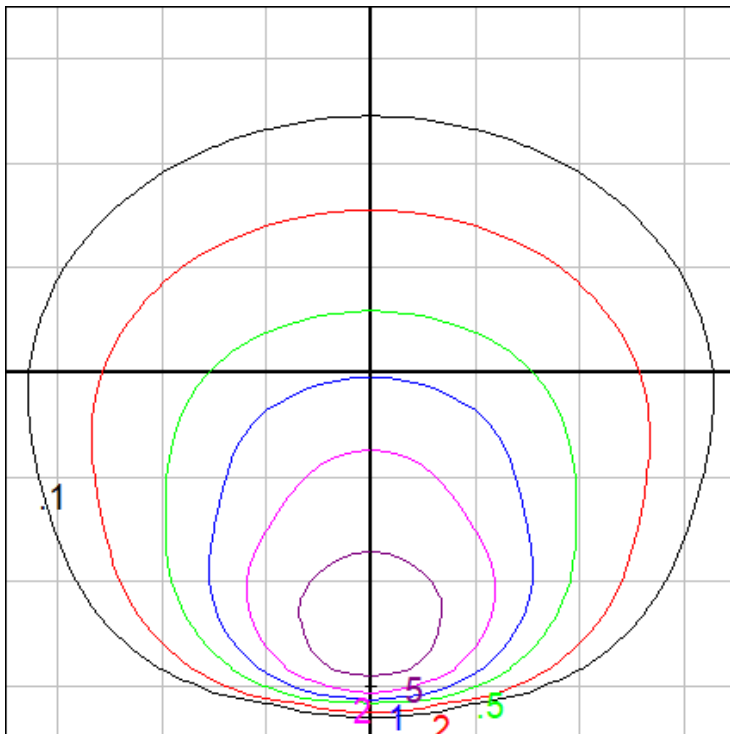


## Characteristics

|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 6 H x 6 V       |
| Maximum Candela              | 3111.808        |
| Maximum Candela Angle        | 0 H -22.5 V     |
| Horizontal Beam Angle (50%)  | 74.9            |
| Vertical Beam Angle (50%)    | 44.6            |
| Horizontal Field Angle (10%) | 125.6           |
| Vertical Field Angle (10%)   | 113.4           |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 1737            |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 3509            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 318             |
| Luminaire Lumens             | 3827            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 34              |
| Ballast Factor               | 1.00            |

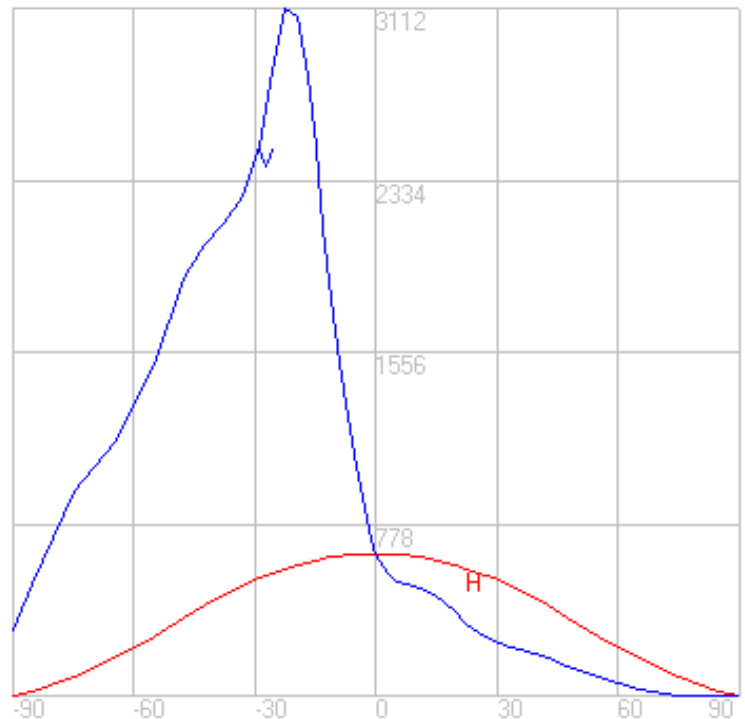
## Zonal Lumen Summary

| Zone    | Lumens |
|---------|--------|
| 0-10    | 0.00   |
| 10-20   | 0.00   |
| 20-30   | 0.00   |
| 30-40   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 1.10   |
| 80-90   | 36.31  |
| 90-100  | 153.81 |
| 100-110 | 314.89 |
| 110-120 | 460.89 |
| 120-130 | 595.94 |
| 130-140 | 673.16 |
| 140-150 | 667.93 |
| 150-160 | 580.92 |
| 160-170 | 307.51 |
| 170-180 | 72.84  |



Setback from wall: 10 ft.

Grid Spacing: 10 ft.



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