



Incandescent

**6" Fresnel Lens Shower Light
with Reflector
IC & Non-IC**

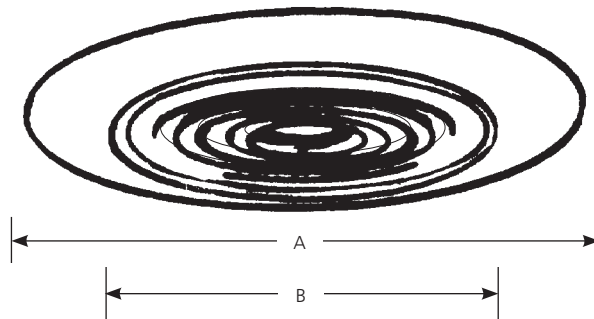
Recessed

Type _____

-28

P8062

| Catalog No. | Finish White | Dimensions (Inches) | |
|-------------|-----------------|---------------------|--------|
| | | A | B |
| P8062 | -28 | 7-3/4 | 5-3/16 |



Lamp Wattage

| Housing | IC | Non-IC |
|--------------------|-------|---------------------|
| P87-AT | N/A | 60A19, 75w PAR30 SN |
| P87-ATQC | N/A | 60A19, 75w PAR30 SN |
| P187-TG | N/A | 60A19, 75w PAR30 SN |
| P821-AT | 40A19 | 40A19 |
| P821-FB, P821-FBFC | N/A | 40A19 |

Specifications:

Flange

- Bright white powdered painted metal flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Lens

- Fresnel lens: 5-13/32" large dia., 4-29/32" small dia.

Labels

- UL-CUL wet location listed

Trim

- Steel Construction
- Built -in bracket to accept Trim-Lok spring
- Trim-Lok action forces trim to fit snugly against the ceiling
- Socket mounts to yoke bracket for optimum performance and consistent lamp position

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

www.progresslighting.com
Patent# 5,758,977

Rev. 5/11

P87-AT

P87-AT WITH 8062-28

Report No. 98206

No. Lamps: 1 Type Lamp: 40A19-GE Total Lumens: 495

Fixture Efficiency: 25.6%

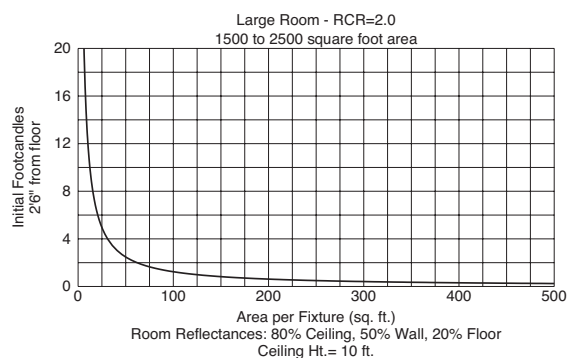
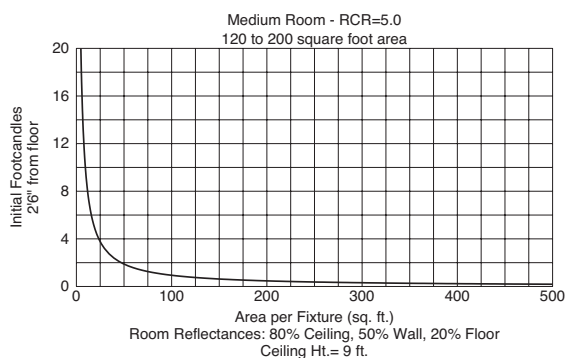
S/MH Ratio: 1.0

Single Fixture Data

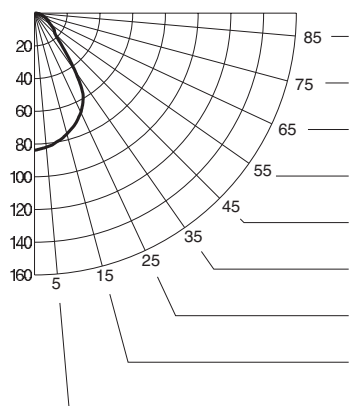
| Ceiling Ht.(Ft.) | 10% Values | | Zero Degrees Ft.-C | 50% Values | |
|---------------------|-----------------|-----------|--------------------------|-----------------|-----------|
| | Beam Angle - 85 | | | Beam Angle - 57 | |
| | Ft.-C | Beam Dia. | | Ft.-C | Beam Dia. |
| 8 | 0.3 | 10 | 2.8 | 1.4 | 6 |
| 10 | 0.1 | 14 | 1.5 | 0.7 | 8 |
| 12 | 0.1 | 17 | 0.9 | 0.5 | 10 |
| 14 | 0.1 | 21 | 0.6 | 0.3 | 13 |
| 16 | 0.0 | 25 | 0.5 | 0.2 | 15 |

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

| DEGREES | CANDELA |
|---------|---------|
| 90 | 0 |
| 85 | 2 |
| 80 | 3 |
| 75 | 4 |
| 70 | 6 |
| 65 | 8 |
| 60 | 10 |
| 55 | 12 |
| 50 | 16 |
| 45 | 18 |
| 40 | 26 |
| 35 | 43 |
| 30 | 60 |
| 25 | 67 |
| 20 | 72 |
| 15 | 76 |
| 10 | 80 |
| 5 | 82 |
| 0 | 84 |

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 |
| 0 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 28 | 28 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 1 | 29 | 28 | 27 | 26 | 28 | 27 | 26 | 25 | 26 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | |
| 2 | 27 | 25 | 23 | 22 | 26 | 24 | 23 | 22 | 24 | 22 | 21 | 23 | 22 | 21 | 22 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | |
| 3 | 25 | 23 | 21 | 19 | 24 | 22 | 21 | 19 | 21 | 20 | 19 | 21 | 20 | 19 | 20 | 19 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | |
| 4 | 23 | 21 | 19 | 17 | 23 | 20 | 18 | 17 | 20 | 18 | 17 | 19 | 18 | 17 | 18 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 5 | 22 | 19 | 17 | 15 | 21 | 19 | 17 | 15 | 18 | 16 | 15 | 18 | 16 | 15 | 17 | 16 | 15 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | |
| 6 | 20 | 17 | 15 | 14 | 20 | 17 | 15 | 14 | 17 | 15 | 14 | 16 | 15 | 14 | 16 | 15 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | |
| 7 | 19 | 16 | 14 | 13 | 19 | 16 | 14 | 13 | 15 | 14 | 13 | 15 | 14 | 12 | 15 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| 8 | 18 | 15 | 13 | 12 | 18 | 15 | 13 | 12 | 14 | 13 | 12 | 14 | 13 | 11 | 14 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| 9 | 17 | 14 | 12 | 11 | 17 | 14 | 12 | 11 | 13 | 12 | 11 | 13 | 12 | 11 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| 10 | 16 | 13 | 11 | 10 | 16 | 13 | 11 | 10 | 13 | 11 | 10 | 12 | 11 | 10 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |

P87-AT

P87-AT WITH P8062-28

Report No. 98207

No. Lamps: 1 Type Lamp: 60A19-GE Total Lumens: 865

Fixture Efficiency: 24.0%

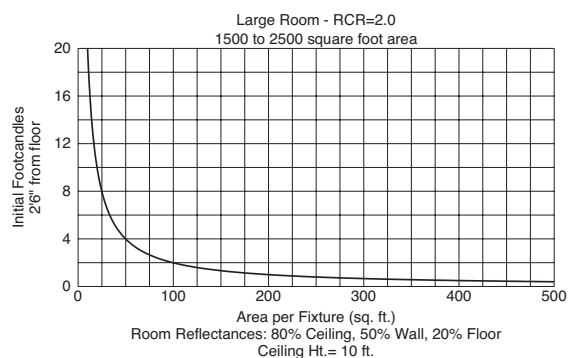
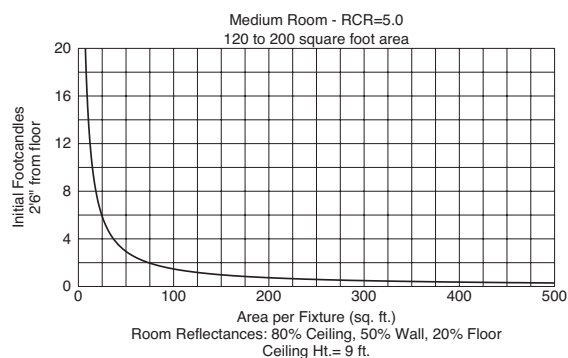
S/MH Ratio: 1.0

Single Fixture Data

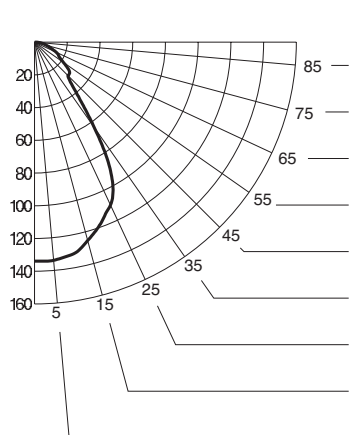
| Ceiling Ht.(Ft.) | 10% Values | | Zero Degrees | 50% Values | |
|---------------------|-----------------|-----------|-----------------|-----------------|-----------|
| | Beam Angle - 84 | | | Beam Angle - 57 | |
| | Ft.-C | Beam Dia. | | Ft.-C | Beam Dia. |
| 8 | 0.4 | 10 | 4.4 | 2.2 | 6 |
| 10 | 0.2 | 14 | 2.4 | 1.2 | 8 |
| 12 | 0.1 | 17 | 1.5 | 0.7 | 10 |
| 14 | 0.1 | 21 | 1.0 | 0.5 | 13 |
| 16 | 0.1 | 24 | 0.7 | 0.4 | 15 |

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

| DEGREES | CANDELA |
|---------|---------|
| 90 | 0 |
| 85 | 3 |
| 80 | 6 |
| 75 | 8 |
| 70 | 11 |
| 65 | 15 |
| 60 | 17 |
| 55 | 22 |
| 50 | 28 |
| 45 | 29 |
| 40 | 39 |
| 35 | 64 |
| 30 | 94 |
| 25 | 110 |
| 20 | 118 |
| 15 | 126 |
| 10 | 132 |
| 5 | 134 |
| 0 | 134 |

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 |
| 0 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 26 | 26 | 26 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 1 | 26 | 25 | 25 | 24 | 26 | 25 | 24 | 23 | 24 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 2 | 24 | 23 | 22 | 20 | 24 | 22 | 21 | 20 | 22 | 21 | 20 | 21 | 20 | 19 | 20 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 3 | 23 | 21 | 19 | 18 | 22 | 20 | 19 | 18 | 20 | 18 | 17 | 19 | 18 | 17 | 18 | 18 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 4 | 21 | 19 | 17 | 16 | 21 | 18 | 17 | 16 | 18 | 17 | 15 | 17 | 16 | 15 | 17 | 16 | 15 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 5 | 20 | 17 | 15 | 14 | 19 | 17 | 15 | 14 | 16 | 15 | 14 | 16 | 15 | 14 | 16 | 14 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 6 | 19 | 16 | 14 | 13 | 18 | 16 | 14 | 13 | 15 | 14 | 13 | 15 | 13 | 12 | 14 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 7 | 17 | 15 | 13 | 12 | 17 | 14 | 13 | 12 | 14 | 13 | 11 | 14 | 12 | 11 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 8 | 16 | 14 | 12 | 11 | 16 | 13 | 12 | 11 | 13 | 12 | 11 | 13 | 11 | 10 | 13 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 9 | 15 | 13 | 11 | 10 | 15 | 13 | 11 | 10 | 12 | 11 | 10 | 12 | 11 | 10 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 15 | 12 | 10 | 9 | 14 | 12 | 10 | 9 | 11 | 10 | 9 | 11 | 10 | 9 | 11 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

P87-AT

P87-AT WITH P8062-28

Report No. 98205

No. Lamps: 1 Type Lamp: 75PAR30L/FL-GE Total Lumens: 990

Fixture Efficiency: 70.9%

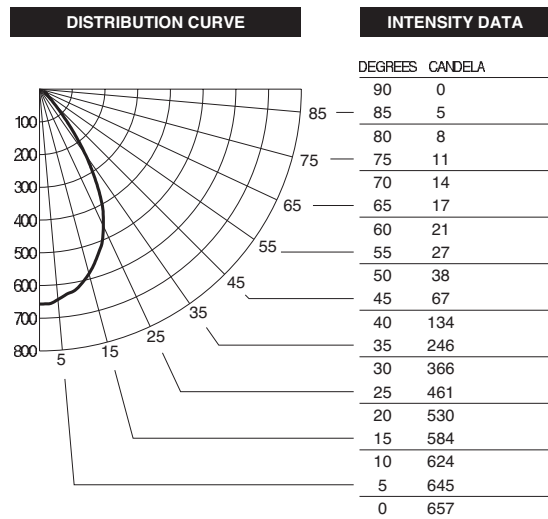
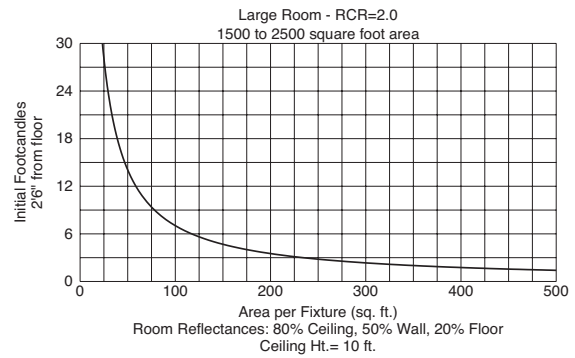
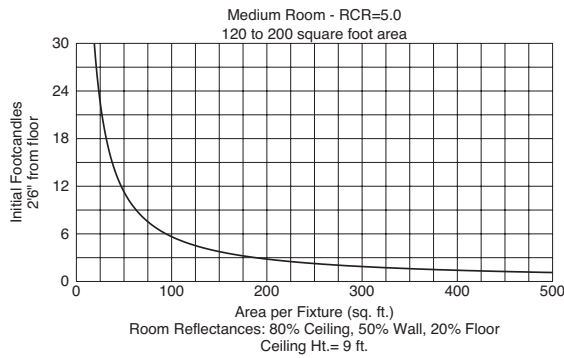
S/MH Ratio: 0.9

Single Fixture Data

| Ceiling Ht.(Ft.) | 10% Values | | Zero Degrees Ft.-C | 50% Values | |
|---------------------|-----------------|-----------|--------------------------|-----------------|-----------|
| | Beam Angle - 79 | | | Beam Angle - 52 | |
| | Ft.-C | Beam Dia. | | Ft.-C | Beam Dia. |
| 8 | 2.2 | 9 | 21.7 | 10.9 | 5 |
| 10 | 1.2 | 12 | 11.7 | 5.8 | 7 |
| 12 | 0.7 | 16 | 7.3 | 3.6 | 9 |
| 14 | 0.5 | 19 | 5.0 | 2.5 | 11 |
| 16 | 0.4 | 22 | 3.6 | 1.8 | 13 |

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

| RC | 70 | | | | | | | | | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | |
| 0 | 84 | 84 | 84 | 84 | 82 | 82 | 82 | 82 | 79 | 79 | 79 | 75 | 75 | 75 | 72 | 72 | 72 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | | | | |
| 1 | 80 | 77 | 75 | 74 | 78 | 76 | 74 | 72 | 73 | 71 | 70 | 70 | 69 | 68 | 68 | 67 | 66 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | | | | |
| 2 | 75 | 71 | 68 | 65 | 74 | 70 | 67 | 64 | 68 | 65 | 63 | 65 | 63 | 62 | 63 | 62 | 60 | 59 | 59 | 57 | 55 | 54 | 54 | 54 | | | | |
| 3 | 71 | 66 | 62 | 58 | 69 | 65 | 61 | 58 | 63 | 60 | 57 | 61 | 58 | 56 | 59 | 57 | 55 | 54 | 54 | 53 | 51 | 50 | 50 | 50 | | | | |
| 4 | 67 | 61 | 56 | 53 | 65 | 60 | 56 | 53 | 58 | 55 | 52 | 57 | 54 | 51 | 56 | 53 | 51 | 50 | 50 | 49 | 47 | 46 | 46 | 46 | | | | |
| 5 | 63 | 57 | 52 | 49 | 62 | 56 | 52 | 48 | 54 | 51 | 48 | 53 | 50 | 47 | 52 | 49 | 47 | 46 | 46 | 45 | 44 | 44 | 44 | 44 | | | | |
| 6 | 60 | 53 | 48 | 45 | 59 | 52 | 48 | 44 | 51 | 47 | 44 | 50 | 46 | 44 | 49 | 46 | 44 | 44 | 44 | 43 | 42 | 42 | 42 | 42 | | | | |
| 7 | 56 | 49 | 45 | 41 | 55 | 49 | 44 | 41 | 48 | 44 | 41 | 47 | 43 | 41 | 46 | 43 | 40 | 39 | 39 | 38 | 37 | 37 | 37 | 37 | | | | |
| 8 | 53 | 46 | 42 | 38 | 53 | 46 | 41 | 38 | 45 | 41 | 38 | 44 | 41 | 38 | 43 | 40 | 38 | 37 | 37 | 36 | 35 | 35 | 35 | 35 | | | | |
| 9 | 51 | 43 | 39 | 36 | 50 | 43 | 39 | 36 | 42 | 38 | 36 | 42 | 38 | 35 | 41 | 38 | 35 | 34 | 34 | 33 | 32 | 32 | 32 | 32 | | | | |
| 10 | 48 | 41 | 36 | 33 | 47 | 40 | 36 | 33 | 40 | 36 | 33 | 39 | 36 | 33 | 39 | 35 | 33 | 32 | 32 | 31 | 30 | 30 | 30 | 30 | | | | |



Compact Fluorescent

**6" Fresnel Lens Shower Light
with Reflector
IC & Non-IC**

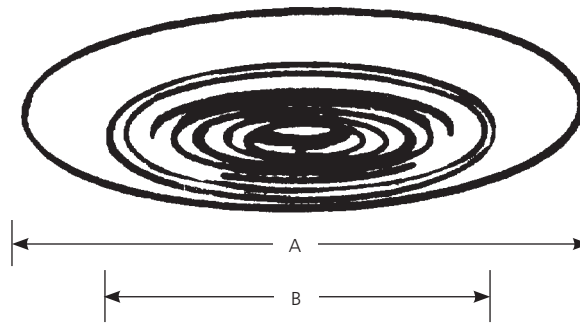
Recessed

Type _____

-28

P8062

| Catalog No. | Finish White | Dimensions (Inches) | |
|-------------|-----------------|---------------------|--------|
| | | A | B |
| P8062 | -28 | 7-3/4 | 5-3/16 |



Lamp Wattage

| Housing | IC | Non-IC |
|------------|-------------------------------|--------------------------------|
| P83-AT | 13w 4-pin Triple-tube CF | 13w 4-pin Triple-tube CF |
| P83-ICAT | 13w 4-pin Quad/Triple-tube CF | 13w 4-pin Quad/Triple-tube CF |
| P88-ICAT | 18w 4-pin Quad/Triple-tube CF | 18w 4-pin Quad/Triple-tube CF |
| P183-EB | 13w 4-pin Triple-tube CF | 13w 4-pin Triple-tube CF |
| P83-26ICAT | 26w 4-pin Triple-tube CF | 26w 4-pin Triple-tube CF |
| P62-FB | N/A | 26 or 32w 4-pin Triple-tube CF |

Specifications:

Flange

- Bright white powdered painted metal flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Steel Construction
- Built -in bracket to accept Trim-Lok spring
- Trim-Lok action forces trim to fit snugly against the ceiling
- Full internal aluminum reflector
- Socket mounts to trim for optimum performance and consistent lamp position

Lens

- Fresnel lens: 5-13/32" large dia., 4-29/32" small dia.

Lamps

- Maximum overall length of lamp cannot exceed 4.8" (4-11/16")
- Available is Progress 7808-01 (26w)

Labels

- UL-CUL wet location listed

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

www.progresslighting.com
Patent# 5,758,977

Rev. 7/09

P83

P83 WITH 8062-28

Report No. 98043

No. Lamps: 1 Type Lamp: 13W QUAD CF - GE Total Lumens: 860

Fixture Efficiency: 17.7%

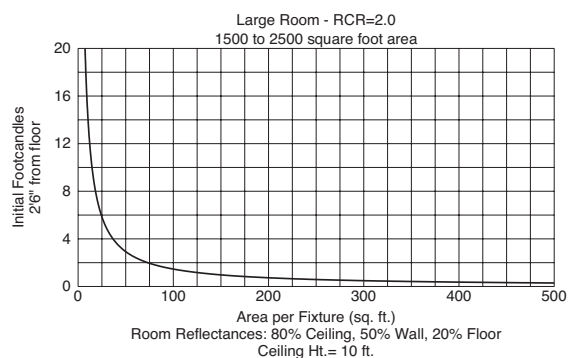
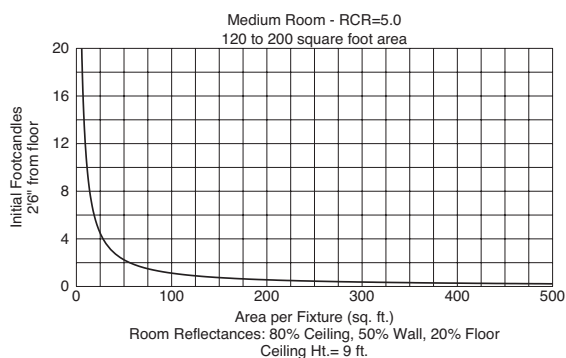
S/MH Ratio: 1.1

Single Fixture Data

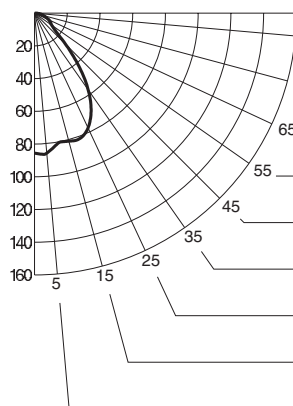
| Ceiling Ht.(Ft.) | 10% Values | | Zero Degrees Ft.-C | 50% Values | |
|---------------------|-----------------|-----------|--------------------------|-----------------|-----------|
| | Beam Angle - 91 | | | Beam Angle - 62 | |
| | Ft.-C | Beam Dia. | | Ft.-C | Beam Dia. |
| 8 | 0.3 | 11 | 2.8 | 1.4 | 7 |
| 10 | 0.2 | 15 | 1.5 | 0.8 | 9 |
| 12 | 0.1 | 19 | 0.9 | 0.5 | 11 |
| 14 | 0.1 | 24 | 0.6 | 0.3 | 14 |
| 16 | 0.0 | 28 | 0.5 | 0.2 | 16 |

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

| DEGREES | CANDELA |
|---------|---------|
| 90 | 0 |
| 85 | 2 |
| 80 | 4 |
| 75 | 6 |
| 70 | 8 |
| 65 | 10 |
| 60 | 11 |
| 55 | 13 |
| 50 | 17 |
| 45 | 27 |
| 40 | 42 |
| 35 | 57 |
| 30 | 69 |
| 25 | 77 |
| 20 | 81 |
| 15 | 81 |
| 10 | 81 |
| 5 | 86 |
| 0 | 86 |

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 |
| 0 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 1 | 19 | 19 | 18 | 18 | 19 | 18 | 18 | 17 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 14 | 14 | 14 | 14 |
| 2 | 18 | 17 | 16 | 15 | 18 | 17 | 16 | 15 | 16 | 15 | 15 | 15 | 14 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | |
| 3 | 17 | 15 | 14 | 13 | 16 | 15 | 14 | 13 | 14 | 14 | 13 | 14 | 13 | 13 | 14 | 13 | 13 | 14 | 13 | 12 | 12 | 12 | 12 | 12 | |
| 4 | 16 | 14 | 13 | 12 | 15 | 14 | 12 | 11 | 13 | 12 | 11 | 13 | 12 | 11 | 12 | 12 | 11 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | |
| 5 | 15 | 13 | 11 | 10 | 14 | 12 | 11 | 10 | 12 | 11 | 10 | 12 | 11 | 10 | 11 | 11 | 10 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | |
| 6 | 14 | 12 | 10 | 9 | 13 | 11 | 10 | 9 | 11 | 10 | 9 | 11 | 10 | 9 | 11 | 10 | 9 | 11 | 10 | 9 | 9 | 9 | 9 | 9 | |
| 7 | 13 | 11 | 9 | 8 | 12 | 11 | 9 | 8 | 10 | 9 | 8 | 10 | 9 | 8 | 10 | 9 | 8 | 10 | 9 | 8 | 8 | 8 | 8 | 8 | |
| 8 | 12 | 10 | 9 | 8 | 12 | 10 | 8 | 8 | 10 | 8 | 8 | 9 | 8 | 8 | 9 | 8 | 8 | 9 | 8 | 7 | 7 | 7 | 7 | 7 | |
| 9 | 11 | 9 | 8 | 7 | 11 | 9 | 8 | 7 | 9 | 8 | 7 | 9 | 8 | 7 | 9 | 8 | 7 | 9 | 8 | 7 | 7 | 7 | 7 | 7 | |
| 10 | 11 | 9 | 7 | 6 | 10 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | |