



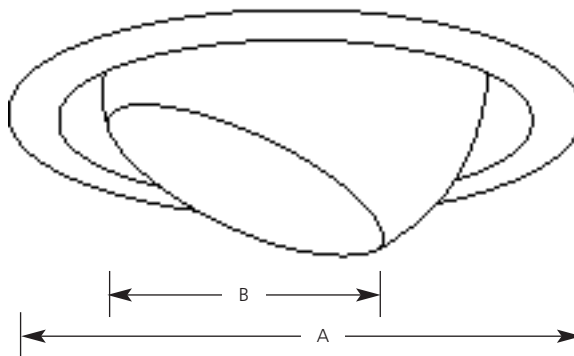
Incandescent

**6" Eyeball Trim**  
IC & Non-IC

**Recessed**

Type \_\_\_\_\_  
-29  
P6676

| Catalog No. | Finish | Dimensions (Inches) |   |
|-------------|--------|---------------------|---|
|             | White  | A                   | B |
| P6676       | -29    | 7-3/4               | 4 |



| Lamp Wattage Housing | IC             | Non-IC         |
|----------------------|----------------|----------------|
| P86TG                | 75PAR30/65BR30 | 75PAR30/65BR30 |
| P186TG               | 75PAR30/65BR30 | 75PAR30/65BR30 |

**Specifications:**

Flange

- Bright white powder painted steel flange and ball
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Steel construction
- Designed for 75w PAR30 and 65w BR30 lamps
- Torsion springs mounted to the trim assembly
- Torsion springs lock to housing forcing the trim to fit snugly to the ceiling
- Socket mounts directly to top of ball for consistent lamp positioning
- Ball tilts 30 degrees and rotates 358 degrees

Options

- White reflector - specify "-29" after catalog number

Labels

- UL-CUL damp location listed

Photometrics

- Refer to PAR30 & BR30 Lamp Application Data

Progress Lighting  
701 Millennium Blvd.  
Greenville, South Carolina  
29607

www.progresslighting.com

Rev. 9/09

## BR30 and PAR30 Lamp Application Data for Recessed Eyeball Units

Figure 1  
Single fixture

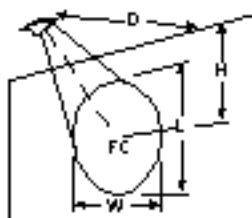
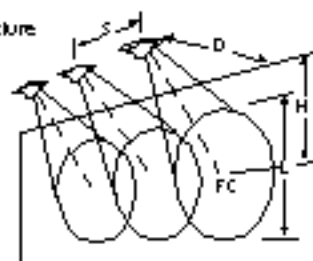


Figure 2  
Multiple fixture



BR30 Flood Lamp



| Walls and Vertical Objects |    |    |   |     |          |    |   |   |     |          |    |   |   |      |     |
|----------------------------|----|----|---|-----|----------|----|---|---|-----|----------|----|---|---|------|-----|
| H                          | FC | L  | W | S   | H        | FC | L | W | S   | H        | FC | L | W | S    |     |
| D = 2 FT                   |    |    |   |     | D = 3 FT |    |   |   |     | D = 4 FT |    |   |   |      |     |
| 65BR30FL                   | 4  | 12 | ^ | 4.7 | 3.6      | 5  | 8 | ^ | 6.1 | 4.7      | 7  | 4 | ^ | 8.4  | 6.4 |
| CBCP - 525                 | 5  | 7  | ^ | 5.6 | 4.3      | 6  | 5 | ^ | 7.0 | 5.4      | 8  | 3 | ^ | 9.3  | 7.2 |
| Beam - 55 deg.             | 6  | 4  | ^ | 6.6 | 5.1      | 7  | 4 | ^ | 7.9 | 6.1      | 9  | 2 | ^ | 10.2 | 7.9 |

BR30 Spot Lamp



| Walls and Vertical Objects |    |    |     |     |          |    |    |     |     |          |    |    |      |     |     |
|----------------------------|----|----|-----|-----|----------|----|----|-----|-----|----------|----|----|------|-----|-----|
| H                          | FC | L  | W   | S   | H        | FC | L  | W   | S   | H        | FC | L  | W    | S   |     |
| D = 2 FT                   |    |    |     |     | D = 3 FT |    |    |     |     | D = 4 FT |    |    |      |     |     |
| 65BR30SP                   | 4  | 36 | 4.0 | 1.6 | 1.5      | 5  | 25 | 4.4 | 2.1 | 2.0      | 7  | 12 | 6.3  | 2.8 | 2.7 |
| CBCP - 1625                | 5  | 21 | 6.3 | 1.9 | 1.8      | 6  | 16 | 6.1 | 2.4 | 2.3      | 8  | 9  | 8.1  | 3.2 | 3.0 |
| Beam - 20 deg.             | 6  | 13 | 9.8 | 2.2 | 2.1      | 7  | 11 | 8.2 | 2.7 | 2.6      | 9  | 7  | 10.1 | 3.5 | 3.3 |

PAR30 Flood Lamps



| Walls and Vertical Objects |    |    |      |     |          |    |    |      |     |          |    |    |      |     |     |
|----------------------------|----|----|------|-----|----------|----|----|------|-----|----------|----|----|------|-----|-----|
| H                          | FC | L  | W    | S   | H        | FC | L  | W    | S   | H        | FC | L  | W    | S   |     |
| D = 2 FT                   |    |    |      |     | D = 3 FT |    |    |      |     | D = 4 FT |    |    |      |     |     |
| 50PAR30H/FL                | 4  | 39 | 10.6 | 2.8 | 2.5      | 5  | 59 | 9.8  | 3.7 | 3.2      | 7  | 12 | 14.7 | 5.1 | 4.5 |
| CBCP - 1500                | 5  | 19 | 24.2 | 3.4 | 3.0      | 6  | 36 | 15.8 | 4.2 | 3.7      | 8  | 8  | 21.1 | 5.7 | 5.0 |
| Beam - 35 deg.             | 6  | 12 | ^    | 4.0 | 3.5      | 7  | 23 | 26.6 | 4.8 | 4.2      | 9  | 6  | 30.6 | 6.2 | 5.5 |
| 50PAR30FL                  | 4  | 31 | 10.6 | 2.8 | 2.5      | 5  | 21 | 9.8  | 3.7 | 3.2      | 7  | 11 | 14.7 | 5.1 | 4.5 |
| CBCP - 1400                | 5  | 18 | 24.2 | 3.4 | 3.0      | 6  | 14 | 15.8 | 4.2 | 3.7      | 8  | 8  | 21.1 | 5.7 | 5.0 |
| Beam - 35 deg.             | 6  | 11 | ^    | 4.0 | 3.5      | 7  | 10 | 26.6 | 4.8 | 4.2      | 9  | 6  | 30.6 | 6.2 | 5.5 |
| 75PAR30FL                  | 4  | 44 | 10.6 | 2.8 | 2.5      | 5  | 30 | 9.8  | 3.7 | 3.2      | 7  | 15 | 14.7 | 5.1 | 4.5 |
| CBCP - 2000                | 5  | 26 | 24.2 | 3.4 | 3.0      | 6  | 20 | 15.8 | 4.2 | 3.7      | 8  | 11 | 21.1 | 5.7 | 5.0 |
| Beam - 35 deg.             | 6  | 16 | ^    | 4.0 | 3.5      | 7  | 14 | 26.6 | 4.8 | 4.2      | 9  | 8  | 30.6 | 6.2 | 5.5 |
| 75PAR30FL-L                | 4  | 69 | 5.6  | 2.0 | 1.9      | 5  | 47 | 5.8  | 2.6 | 2.4      | 7  | 24 | 8.4  | 3.9 | 3.3 |
| CBCP - 3100                | 5  | 40 | 9.3  | 2.4 | 2.2      | 6  | 31 | 8.3  | 3.0 | 2.8      | 8  | 17 | 11.1 | 4.0 | 3.7 |
| Beam - 25 deg.             | 6  | 24 | 16.0 | 2.8 | 2.6      | 7  | 21 | 11.7 | 3.4 | 3.2      | 9  | 13 | 14.3 | 4.4 | 4.1 |

PAR30 Spot Lamps



| Walls and Vertical Objects |    |     |     |     |          |    |     |     |     |          |    |    |     |     |     |
|----------------------------|----|-----|-----|-----|----------|----|-----|-----|-----|----------|----|----|-----|-----|-----|
| H                          | FC | L   | W   | S   | H        | FC | L   | W   | S   | H        | FC | L  | W   | S   |     |
| D = 3 FT                   |    |     |     |     | D = 4 FT |    |     |     |     | D = 5 FT |    |    |     |     |     |
| 50PAR30H/NSP               | 5  | 197 | 1.8 | 0.9 | 0.9      | 7  | 100 | 2.6 | 1.3 | 1.3      | 9  | 59 | 3.4 | 1.6 | 1.6 |
| CBCP - 13,000              | 6  | 128 | 2.4 | 1.1 | 1.0      | 8  | 72  | 3.2 | 1.4 | 1.4      | 10 | 46 | 4.1 | 1.8 | 1.7 |
| Beam - 9 deg.              | 7  | 88  | 3.1 | 1.2 | 1.2      | 9  | 55  | 3.9 | 1.5 | 1.5      | 11 | 37 | 4.8 | 1.9 | 1.9 |
| 50PAR20NSP                 | 5  | 105 | 2.0 | 1.0 | 1.0      | 7  | 53  | 2.9 | 1.4 | 1.4      | 9  | 31 | 3.8 | 1.8 | 1.8 |
| CBCP - 6,900               | 6  | 68  | 2.7 | 1.2 | 1.2      | 8  | 38  | 3.6 | 1.6 | 1.6      | 10 | 25 | 4.5 | 2.0 | 1.9 |
| Beam - 10 deg.             | 7  | 47  | 3.5 | 1.3 | 1.3      | 9  | 29  | 4.4 | 1.7 | 1.7      | 11 | 18 | 5.3 | 2.1 | 2.1 |
| 75PAR30NSP                 | 5  | 187 | 2.0 | 1.0 | 1.0      | 7  | 100 | 2.9 | 1.4 | 1.4      | 9  | 58 | 3.8 | 1.8 | 1.8 |
| CBCP - 13,000              | 6  | 128 | 2.7 | 1.2 | 1.2      | 8  | 72  | 3.6 | 1.6 | 1.6      | 10 | 46 | 4.5 | 2.0 | 1.9 |
| Beam - 10 deg.             | 7  | 88  | 3.5 | 1.3 | 1.3      | 9  | 55  | 4.4 | 1.7 | 1.7      | 11 | 37 | 5.3 | 2.1 | 2.1 |
| 75PAR30NSP-L               | 5  | 137 | 2.0 | 1.0 | 1.0      | 7  | 69  | 2.9 | 1.4 | 1.4      | 9  | 41 | 3.8 | 1.8 | 1.8 |
| CBCP - 9,000               | 6  | 89  | 2.7 | 1.2 | 1.2      | 8  | 50  | 3.6 | 1.6 | 1.6      | 10 | 32 | 4.5 | 2.0 | 1.9 |
| Beam - 10 deg.             | 7  | 61  | 3.5 | 1.3 | 1.3      | 9  | 38  | 4.4 | 1.7 | 1.7      | 11 | 28 | 5.3 | 2.1 | 2.1 |

**Walls and Vertical Objects**

|    |  |
|----|--|
| H  | Height from ceiling to center of beam                  |
| D  | Distance from fixture to wall                          |
| FC | Footcandle at center of beam                           |
| L  | Length of effective lighted area                       |
| W  | Width of effective lighted area                        |
| S  | Spacing of multiple fixtures to effectively light wall |
| *  | Length of lighted area is in excess of 30 feet         |

Data assumes a maximum tilt of 30 degrees.

For horizontal surface data refer to Lamp Application Data sheets.

CBCP - Center Beam Candepower