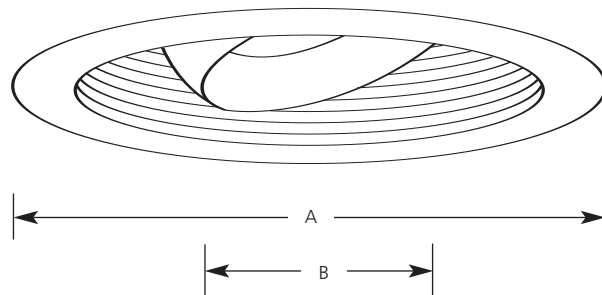


Type \_\_\_\_\_  
 -28 -31  
 P8079 ☐ ☐

| Catalog No. | Finish |       | Dimensions (Inches) |   |
|-------------|--------|-------|---------------------|---|
|             | White  | Black | A                   | B |
| P8079       | -28    | -31   | 7-3/4               | 4 |



**Lamp Wattage**

| Housing       | IC             | Non-IC         |
|---------------|----------------|----------------|
| P87-AT        | 50PAR30/65BR30 | 75PAR30/85BR30 |
| P87-ATQC      | 50PAR30/65BR30 | 75PAR30/85BR30 |
| P187-TG       | 50PAR30/65BR30 | 75PAR30/85BR30 |
| P821-AT       | 75PAR30/85BR30 | 75PAR30/85BR30 |
| P821-FB, FBFC | N/A            | 75PAR30/65BR30 |

**Specifications:**

Flange

- Bright white powder painted aluminum flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Regressed steel eyeball
- Multi-grooved integrated baffle
- Designed for PAR30, and R30 lamps
- Built-in bracket to accept Trim-Lok spring
- Trim-Lok action forces trim to fit snugly against the ceiling
- Socket mounts directly to top of ball for consistent lamp position
- Ball tilts 30 Deg. and rotates 358 Deg.

- Can be used in 45° sloped ceilings with P87-AT, P87-ATQC, and P187-TG housings

Options

- White baffle - specify "28" after catalog number
- Black baffle - specify "31" after catalog number

Labels

- UL-CUL damp location listed

Photometrics

- Refer to PAR30 & BR30 Lamp Application Data

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

Figure 1  
Single fixture

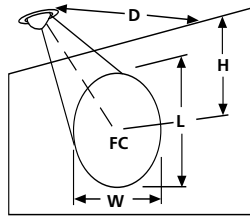
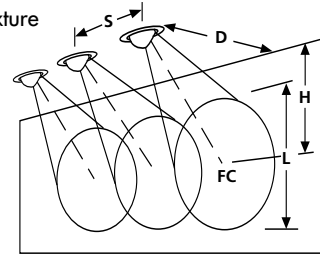


Figure 2  
Multiple fixture



BR30 Flood Lamp



BR30 Spot Lamp



PAR30  
Flood Lamps



PAR30  
Spot Lamps



| Walls and Vertical Objects |      |   |   |   |   |      |   |   |   |   |      |   |   |   |
|----------------------------|------|---|---|---|---|------|---|---|---|---|------|---|---|---|
| H                          | F.C. | L | W | S | H | F.C. | L | W | S | H | F.C. | 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 |  |

| Walls and Vertical Objects |      |   |   |   |   |      |   |   |   |   |      |   |   |   |
|----------------------------|------|---|---|---|---|------|---|---|---|---|------|---|---|---|
| H                          | F.C. | L | W | S | H | F.C. | L | W | S | H | F.C. | 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 |  |

| Walls and Vertical Objects |      |   |   |   |   |      |   |   |   |   |      |   |   |   |
|----------------------------|------|---|---|---|---|------|---|---|---|---|------|---|---|---|
| H                          | F.C. | L | W | S | H | F.C. | L | W | S | H | F.C. | L | W | S |

|                               |   | D = 2 FT |      |     |     |   |    | D = 3 FT |     |     |   |    |      | D = 4 FT |     |  |  |  |
|-------------------------------|---|----------|------|-----|-----|---|----|----------|-----|-----|---|----|------|----------|-----|--|--|--|
| 50PAR30/HIR/FL                | 4 | 33       | 10.6 | 2.8 | 2.5 | 5 | 59 | 9.8      | 3.7 | 3.2 | 7 | 12 | 14.7 | 5.1      | 4.5 |  |  |  |
| CBCP - 1500<br>Beam - 35 deg. | 5 | 19       | 24.2 | 3.4 | 3.0 | 6 | 36 | 15.8     | 4.2 | 3.7 | 8 | 8  | 21.1 | 5.7      | 5.0 |  |  |  |
|                               | 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<br>Beam - 35 deg. | 5 | 18       | 24.2 | 3.4 | 3.0 | 6 | 14 | 15.8     | 4.2 | 3.7 | 8 | 8  | 21.1 | 5.7      | 5.0 |  |  |  |
|                               | 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<br>Beam - 35 deg. | 5 | 26       | 24.2 | 3.4 | 3.0 | 6 | 20 | 15.8     | 4.2 | 3.7 | 8 | 11 | 21.1 | 5.7      | 5.0 |  |  |  |
|                               | 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<br>Beam - 25 deg. | 5 | 40       | 9.3  | 2.4 | 2.2 | 6 | 31 | 8.3      | 3.0 | 2.8 | 8 | 17 | 11.1 | 4.0      | 3.7 |  |  |  |
|                               | 6 | 24       | 16.0 | 2.8 | 2.6 | 7 | 21 | 11.7     | 3.4 | 3.2 | 9 | 13 | 14.3 | 4.4      | 4.1 |  |  |  |

| Walls and Vertical Objects |      |   |   |   |   |      |   |   |   |   |      |   |   |   |
|----------------------------|------|---|---|---|---|------|---|---|---|---|------|---|---|---|
| H                          | F.C. | L | W | S | H | F.C. | L | W | S | H | F.C. | L | W | S |

|                                 |   | D = 3 FT |     |     |     |   |     | D = 4 FT |     |     |    |    |     | D = 5 FT |     |  |  |  |
|---------------------------------|---|----------|-----|-----|-----|---|-----|----------|-----|-----|----|----|-----|----------|-----|--|--|--|
| 50PAR30/HIR/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<br>Beam - 9 deg.  | 6 | 128      | 2.4 | 1.1 | 1.0 | 8 | 72  | 3.2      | 1.4 | 1.4 | 10 | 46 | 4.1 | 1.8      | 1.7 |  |  |  |
|                                 | 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<br>Beam - 10 deg.  | 6 | 68       | 2.7 | 1.2 | 1.2 | 8 | 38  | 3.6      | 1.6 | 1.6 | 10 | 25 | 4.5 | 2.0      | 1.9 |  |  |  |
|                                 | 7 | 47       | 3.5 | 1.3 | 1.3 | 9 | 29  | 4.4      | 1.7 | 1.7 | 11 | 19 | 5.3 | 2.1      | 2.1 |  |  |  |
| 75PAR30NSP                      | 5 | 197      | 2.0 | 1.0 | 1.0 | 7 | 100 | 2.9      | 1.4 | 1.4 | 9  | 59 | 3.8 | 1.8      | 1.8 |  |  |  |
| CBCP - 13,000<br>Beam - 10 deg. | 6 | 128      | 2.7 | 1.2 | 1.2 | 8 | 72  | 3.6      | 1.6 | 1.6 | 10 | 46 | 4.5 | 2.0      | 1.9 |  |  |  |
|                                 | 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<br>Beam - 10 deg.  | 6 | 89       | 2.7 | 1.2 | 1.2 | 8 | 50  | 3.6      | 1.6 | 1.6 | 10 | 32 | 4.5 | 2.0      | 1.9 |  |  |  |
|                                 | 7 | 61       | 3.5 | 1.3 | 1.3 | 9 | 38  | 4.4      | 1.7 | 1.7 | 11 | 25 | 5.3 | 2.1      | 2.1 |  |  |  |

### Walls and Vertical Objects

|      |                                                        |
|------|--------------------------------------------------------|
| H    | Height from ceiling to center of beam                  |
| D    | Distance from fixture to wall                          |
| F.C. | 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 Candlepower