

# CT3220, CT3330, CT3440

Line Voltage (120V)  
Classic Continentals

Catalog Number: \_\_\_\_\_

Type \_\_\_\_\_

Project: \_\_\_\_\_



CT3220

CT3330

CT3440

## Description

Universally popular style lamp holder for PAR and R lamps in three convenient sizes. Black grooved baffles for effective lamp shielding. Field adjustable screw allows for tension adjustment. Designed for use on either circuit of Capri combination one or two circuit track.

- Cylinders accommodate spot or flood lamps, which may be used on either circuit of Capri Track.
- Deep drawn steel, one piece housing, provides strength and durability.
- Field adjustable screw concealed in housing, ensures fixed beam angle settings, eliminates sagging.
- Grooved baffle reduces glare at aperture.
- Nylon scratch guard.
- c/UL listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance.

## CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CT3220W

### Track Head Finishes

|        |          |
|--------|----------|
| CT3220 | W White  |
| CT3330 | BK Black |
| CT3440 |          |

### Accessories (order separately)

| Louvers | Louver Holders | Filters <sup>1</sup> | Barndoors |
|---------|----------------|----------------------|-----------|
| CL1     | CH1            | CF13-CF17            | CB1       |
| CL2     | CH2            | CF22-CF27            | CB2       |
| CL3     | CH3            | CF33-CF39            | CB3       |

### ACCESSORY CHART

|                      | CT3220    | CT3330    | CT3440    |
|----------------------|-----------|-----------|-----------|
| Louver/Filter Holder | CH1       | CH2       | CH3       |
| Louver               | CL1       | CL2       | CL3       |
| Barndoor             | CB1       | CB2       | CB3       |
| Filter Series        | CF13-CF17 | CF22-CF27 | CF40-CF46 |

### Lamps Available:

|         |  |
|---------|--|
| CT3220: | 75W PAR16,<br>50W PAR20,<br>75W BR/R20,<br>75W A19 |
| CT3330: | 75W PAR30,<br>75W BR/R30,<br>100W A19              |
| CT3440: | 150W PAR38,<br>300W BR/R40                         |

General Notes:  
1. See back for details.

## SPECIFICATIONS

- Housing** - Deep drawn steel for maximum rigidity and strength.
- Adjustable Stem** - Steel tube with concealed internal wireway. Rotates 365° horizontally and swivels 90° vertically. Field adjustable tension screw maintains setting after adjustment, eliminates sagging.
- Baffle** - Deep spun aluminum with grooves to shield PAR or R type lamps and provide a good visual cutoff, black finish.
- Socket** - Porcelain, medium base, with nickel plated copper screw shell.

- Finishes** - Choice of painted finishes W (white) or BK (black).

**Accessories** (Order separately)  
See above for ordering.

**Color Filters** - Choice of blue, red, green or amber. See back for details.

**Spread Lens** - Specify **CF22**. See back for details.

**UV Filter** - Specify **CF17**, **CF27** or **CF39**. See back for details.

**Louvers** - Matte black deep cell construction provides additional shielding and cutoff.

**Louver/Filter Holders** - Retaining ring, fastened to

cylinder by tension screw. Accepts louver and/or filter. Available only in black.

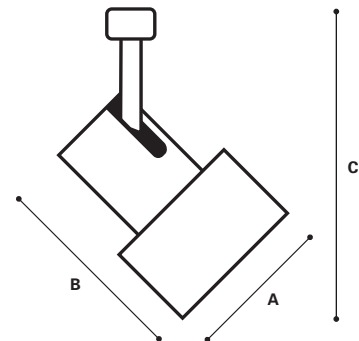
**Barndoors** - Set of four adjustable blades. Provides additional shielding. Available only in black.

This product may be covered by one or more of the following U.S. Patents: #4,822,292, #4,931,917, #5,325,281. Other U.S. or Foreign Patents may apply.

## DIMENSIONS

| Catalog # | Dimensions      |                 |                  |
|-----------|-----------------|-----------------|------------------|
|           | A               | B               | C                |
| CT3220    | 3 5/8" (117 mm) | 7 1/4" (184 mm) | 9 1/8" (232 mm)  |
| CT3330    | 5" (127 mm)     | 8 5/8" (219 mm) | 10 5/8" (270 mm) |
| CT3440    | 5 3/4" (146 mm) | 9 3/4" (248 mm) | 12 1/8" (308 mm) |

**Legend**  
Diameter: **A**  
Length: **B**  
Max. Extension: **C**



REV. 09/05

## LAMP DATA

## LEGEND

- D** Distance from wall to track in feet.
- H** Distance from ceiling to center of object in feet.
- S** Spacing between fixtures for uniform (2:1) illumination.
- FC** Footcandle level at center of beam. Footcandle values have been cosine corrected.
- L** Effective visual beam length in feet.
- W** Effective visual beam width in feet.

Note: Beamspreads are measured to 50% MCP.

### PAR16

NARROW SPOT



75W, 120V NARROW SPOT

RATED LIFE: 2000 hours BEAM SPREAD: 12°

| H | S   | VERTICAL |     |     |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |     |     |     |
|---|-----|----------|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   |     | 0°       |     | 2°  |     | 3°                            |     | 4°  |     | 5°  |     |     |     |     |     |     |
|   |     | FC       | L   | W   | FC  | L                             | W   | FC  | L   | W   | FC  | L   | W   | FC  | L   | W   |
| 4 | 1.2 | 469      | 0.8 | 0.8 | 170 | 2.1                           | 0.9 | 181 | 1.8 | 1.0 | 166 | 1.7 | 1.2 | 142 | 1.8 | 1.4 |
| 5 | 1.5 | 300      | 1.1 | 1.1 | 97  | 3.2                           | 1.1 | 114 | 2.5 | 1.2 | 115 | 2.2 | 1.3 | 106 | 2.1 | 1.5 |
| 6 | 1.8 | 208      | 1.3 | 1.3 | 58  | 4.9                           | 1.4 | 76  | 3.2 | 1.4 | 81  | 2.8 | 1.5 | 79  | 2.6 | 1.6 |
| 7 | 2.1 | 153      | 1.5 | 1.5 | 39  | 6.4                           | 1.5 | 53  | 4.0 | 1.6 | 58  | 3.5 | 1.7 | 60  | 3.1 | 1.8 |

### PAR16

NARROW FLOOD



75W, 120V NARROW FLOOD

RATED LIFE: 2000 hours BEAM SPREAD: 30°

| H | S   | VERTICAL |     |     |    | D = DISTANCE FROM WALL (FEET) |     |    |      |     |    |     |     |    |     |     |
|---|-----|----------|-----|-----|----|-------------------------------|-----|----|------|-----|----|-----|-----|----|-----|-----|
|   |     | 0°       |     | 2°  |    | 3°                            |     | 4° |      | 5°  |    |     |     |    |     |     |
|   |     | FC       | L   | W   | FC | L                             | W   | FC | L    | W   | FC | L   | W   | FC | L   | W   |
| 3 | 1.9 | 222      | 1.6 | 1.6 | 86 | 4.1                           | 1.9 | 79 | 3.5  | 2.3 | 64 | 3.5 | 2.7 | 50 | 4.2 | 3.1 |
| 4 | 2.5 | 125      | 2.1 | 2.1 | 45 | 7.2                           | 2.4 | 48 | 5.1  | 2.7 | 44 | 4.6 | 3.0 | 38 | 4.7 | 3.4 |
| 5 | 3.2 | 80       | 2.7 | 2.7 | 26 | 9.4                           | 2.9 | 30 | 7.6  | 3.1 | 31 | 6.1 | 3.4 | 28 | 5.8 | 3.8 |
| 6 | 3.8 | 56       | 3.2 | 3.2 | 15 | 13.2                          | 3.5 | 20 | 10.8 | 3.5 | 22 | 8.1 | 3.8 | 21 | 7.2 | 4.2 |

### PAR20

NARROW SPOT



50W, 120V NARROW SPOT

RATED LIFE: 2000 hours BEAM SPREAD: 10°

| H  | S   | VERTICAL |     |     |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |    |     |     |
|----|-----|----------|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|
|    |     | 0°       |     | 3°  |     | 4°                            |     | 5°  |     | 6°  |     |     |     |    |     |     |
|    |     | FC       | L   | W   | FC  | L                             | W   | FC  | L   | W   | FC  | L   | W   | FC | L   | W   |
| 4  | 1.1 | 377      | 0.7 | 0.7 | 145 | 1.5                           | 0.9 | 133 | 1.4 | 1.0 | 114 | 1.5 | 1.1 | 96 | 1.5 | 1.3 |
| 6  | 1.5 | 167      | 1.0 | 1.0 | 61  | 2.6                           | 1.2 | 65  | 2.3 | 1.3 | 64  | 2.1 | 1.4 | 59 | 2.1 | 1.5 |
| 8  | 2.0 | 94       | 1.4 | 1.4 | 30  | 4.3                           | 1.5 | 34  | 3.5 | 1.5 | 36  | 3.2 | 1.7 | 36 | 2.9 | 1.7 |
| 10 | 2.5 | 60       | 1.7 | 1.7 | 15  | 7.6                           | 1.9 | 19  | 5.2 | 1.9 | 22  | 4.4 | 1.9 | 23 | 4.0 | 2.0 |

### PAR20

NARROW FLOOD



50W, 120V NARROW FLOOD

RATED LIFE: 2000 hours BEAM SPREAD: 26°

| H | S   | VERTICAL |     |     |    | D = DISTANCE FROM WALL (FEET) |     |    |     |     |    |     |     |    |     |     |
|---|-----|----------|-----|-----|----|-------------------------------|-----|----|-----|-----|----|-----|-----|----|-----|-----|
|   |     | 0°       |     | 2°  |    | 3°                            |     | 4° |     | 5°  |    |     |     |    |     |     |
|   |     | FC       | L   | W   | FC | L                             | W   | FC | L   | W   | FC | L   | W   | FC | L   | W   |
| 3 | 2.0 | 206      | 1.4 | 1.4 | 80 | 3.3                           | 1.7 | 73 | 2.9 | 2.0 | 59 | 3.0 | 2.3 | 47 | 3.2 | 2.7 |
| 4 | 2.6 | 116      | 1.8 | 1.8 | 42 | 5.6                           | 2.0 | 45 | 4.2 | 2.3 | 41 | 3.9 | 2.6 | 35 | 4.0 | 3.0 |
| 5 | 3.4 | 74       | 2.3 | 2.3 | 24 | 9.8                           | 2.5 | 28 | 6.1 | 2.7 | 28 | 5.1 | 2.9 | 26 | 4.9 | 3.3 |
| 6 | 4.0 | 51       | 2.8 | 2.8 | 14 | 11.6                          | 3.0 | 19 | 8.5 | 3.1 | 20 | 6.7 | 3.3 | 19 | 6.0 | 3.6 |

### PAR30

NARROW SPOT



75W, 120V NARROW SPOT

RATED LIFE: 2000 hours BEAM SPREAD: 11°

| H | S   | VERTICAL |     |     |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |     |     |     |
|---|-----|----------|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   |     | 0°       |     | 2°  |     | 3°                            |     | 4°  |     | 5°  |     |     |     |     |     |     |
|   |     | FC       | L   | W   | FC  | L                             | W   | FC  | L   | W   | FC  | L   | W   | FC  | L   | W   |
| 4 | 1.1 | 934      | 0.8 | 0.8 | 339 | 1.9                           | 0.8 | 360 | 1.6 | 1.0 | 330 | 1.6 | 1.1 | 283 | 1.6 | 1.2 |
| 5 | 1.4 | 598      | 1.0 | 1.0 | 193 | 2.9                           | 1.0 | 226 | 2.2 | 1.1 | 229 | 2.0 | 1.2 | 211 | 1.9 | 1.4 |
| 6 | 1.6 | 415      | 1.2 | 1.2 | 115 | 4.4                           | 1.2 | 151 | 2.9 | 1.3 | 161 | 2.5 | 1.4 | 157 | 2.4 | 1.5 |
| 7 | 1.9 | 305      | 1.3 | 1.3 | 78  | 5.7                           | 1.4 | 105 | 3.7 | 1.4 | 115 | 3.2 | 1.5 | 119 | 2.8 | 1.6 |

### PAR30

FLOOD



75W, 120V FLOOD

RATED LIFE: 2000 hours BEAM SPREAD: 36°

| H | S   | VERTICAL |     |     |     | D = DISTANCE FROM WALL (FEET) |     |     |      |     |     |     |     |    |     |     |
|---|-----|----------|-----|-----|-----|-------------------------------|-----|-----|------|-----|-----|-----|-----|----|-----|-----|
|   |     | 0°       |     | 2°  |     | 3°                            |     | 4°  |      | 5°  |     |     |     |    |     |     |
|   |     | FC       | L   | W   | FC  | L                             | W   | FC  | L    | W   | FC  | L   | W   | FC | L   | W   |
| 2 | 1.6 | 650      | 1.3 | 1.3 | 230 | 2.9                           | 1.8 | 166 | 3.0  | 2.4 | 116 | 3.4 | 3.6 | 83 | 3.8 | 3.5 |
| 3 | 2.3 | 289      | 1.9 | 1.9 | 112 | 5.4                           | 2.3 | 102 | 4.4  | 2.8 | 83  | 4.3 | 4.1 | 66 | 4.6 | 3.8 |
| 4 | 3.1 | 163      | 2.6 | 2.6 | 59  | 8.2                           | 2.9 | 63  | 6.6  | 3.2 | 57  | 5.8 | 4.6 | 49 | 5.8 | 4.2 |
| 5 | 3.9 | 104      | 3.2 | 3.2 | 34  | 10.6                          | 6.9 | 39  | 10.4 | 3.8 | 40  | 7.8 | 5.2 | 37 | 7.3 | 4.6 |

### PAR38

SPOT



90W, 120V SPOT

RATED LIFE: 2000 hours BEAM SPREAD: 10°

| H  | S   | VERTICAL |     |     |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |     |     |     |
|----|-----|----------|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|    |     | 0°       |     | 3°  |     | 4°                            |     | 5°  |     | 6°  |     |     |     |     |     |     |
|    |     | FC       | L   | W   | FC  | L                             | W   | FC  | L   | W   | FC  | L   | W   | FC  | L   | W   |
| 4  | 1.0 | 1161     | 0.7 | 0.7 | 447 | 1.5                           | 0.9 | 411 | 1.4 | 1.0 | 352 | 1.5 | 1.1 | 296 | 1.5 | 1.3 |
| 6  | 1.5 | 516      | 1.0 | 1.0 | 187 | 2.6                           | 1.2 | 200 | 2.3 | 1.3 | 196 | 2.1 | 1.4 | 182 | 2.1 | 1.5 |
| 8  | 2.0 | 290      | 1.4 | 1.4 | 91  | 4.3                           | 1.5 | 105 | 3.5 | 1.5 | 111 | 3.2 | 1.7 | 112 | 2.9 | 1.7 |
| 10 | 2.5 | 186      | 1.7 | 1.7 | 47  | 7.6                           | 1.9 | 60  | 5.2 | 1.9 | 67  | 4.4 | 1.9 | 70  | 4.0 | 2.0 |

### PAR38

FLOOD



90W, 120V FLOOD

RATED LIFE: 2000 hours BEAM SPREAD: 30°

| H | S   | VERTICAL |     |     |     | D = DISTANCE FROM WALL (FEET) |     |     |      |     |     |     |     |     |     |     |
|---|-----|----------|-----|-----|-----|-------------------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
|   |     | 0°       |     | 2°  |     | 3°                            |     | 4°  |      | 5°  |     |     |     |     |     |     |
|   |     | FC       | L   | W   | FC  | L                             | W   | FC  | L    | W   | FC  | L   | W   | FC  | L   | W   |
| 3 | 1.9 | 472      | 1.6 | 1.6 | 183 | 4.1                           | 1.9 | 167 | 3.5  | 2.3 | 136 | 3.5 | 2.7 | 107 | 4.2 | 3.1 |
| 4 | 2.5 | 266      | 2.1 | 2.1 | 96  | 7.2                           | 2.4 | 102 | 5.1  | 2.7 | 94  | 4.6 | 3.0 | 81  | 4.7 | 3.4 |
| 5 | 3.2 | 170      | 2.7 | 2.7 | 55  | 10.0                          | 2.9 | 64  | 7.6  | 3.1 | 65  | 6.1 | 3.4 | 60  | 5.8 | 3.8 |
| 6 | 3.8 | 118      | 3.2 | 3.2 | 33  | 12.0                          | 3.5 | 43  | 10.8 | 3.5 | 46  | 8.1 | 3.8 | 45  | 7.2 | 4.2 |

## FILTER ORDERING CHART

| Catalog # | Diameter | Description  |
|-----------|----------|--------------|
| CF13      | 3 5/8"   | Blue Filter  |
| CF14      | 3 5/8"   | Red Filter   |
| CF15      | 3 5/8"   | Green Filter |
| CF16      | 3 5/8"   | Amber Filter |
| CF17      | 3 5/8"   | UV Filter    |
| CF22      | 5"       | Spread Lens  |
| CF23      | 5"       | Blue Filter  |
| CF24      | 5"       | Red Filter   |
| CF25      | 5"       | Green Filter |

| Catalog # | Diameter | Description   |
|-----------|----------|---------------|
| CF26      | 5"       | Amber Filter  |
| CF27      | 5"       | UV Filter     |
| CF33      | 5 3/4"   | Blue Filter   |
| CF34      | 5 3/4"   | Red Filter    |
| CF35      | 5 3/4"   | Green Filter  |
| CF36      | 5 3/4"   | Amber Filter  |
| CF37      | 5 3/4"   | Yellow Filter |
| CF38      | 5 3/4"   | Pink Filter   |
| CF39      | 5 3/4"   | UV Filter     |

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