

# CT6235, CT6238

Line Voltage 120V

Trapeze

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

Type \_\_\_\_\_

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



CT6235



CT6238

### Description

Contemporary lampholder for popular PAR30 or PAR38 lamps. Die-cast aluminum swivel arm rotates to position lamp in any direction. Designed for use on either circuit of Capri combination one and two circuit track.

### Features

- Sleek, minimal styling for high tech look.
- Adjustable die-cast arm conceals wireway and permits aiming in any direction.
- Die-cast aluminum quality construction.
- Spring-loaded lamp retention allows for easy relamping.
- Nylon scratch guard.
- C-UL listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance.

### Lamps Available:

**CT6235:** 50W - 75W **PAR30**  
**CT6238:** 45W - 250W **PAR38**

## CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CT6235W

| Track Head | Finishes  |
|------------|-----------|
| CT6235     | W White   |
| CT6238     | BK Black  |
|            | SL Silver |

## SPECIFICATIONS

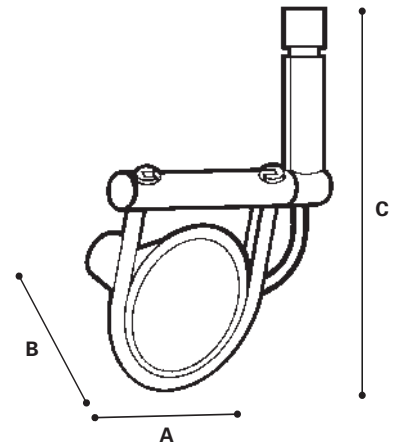
- Lamp Support** - Precision extruded aluminum for maximum strength and rigidity.
- Swivel Arm** - Die-cast aluminum rotates 358° horizontally and swivels 90° vertically, permitting aiming in any direction. Permanent tension swivel maintains setting after adjustment.
- Socket** - Porcelain, medium base with nickel plated copper screw shell. Die-stamped socket enclosure.
- Finishes** - Choice of painted finishes W (white) or BK (black) or SL (silver).

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                |
| CT6235    | 4 7/8" (124 mm) | 4 1/8" (105 mm) | 10 7/8" (276 mm) |
| CT6238    | 5 7/8" (149 mm) | 5 7/8" (149 mm) | 12 3/8" (314 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.

**PAR30** NARROW SPOT 


**50W, 120V/NARROW SPOT**  
RATED LIFE: **2000 hours** BEAM SPREAD: **11°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'  |     | 4'  |     | 5'  |     |     |     |
| H        | S   | FC                            | L   | W   | FC  | L   | W   | FC  | L   | W   | FC  | L   | W   |
| 4        | 1.0 | 650                           | 0.8 | 0.8 | 236 | 1.9 | 0.8 | 250 | 1.6 | 1.0 | 230 | 1.6 | 1.1 |
| 5        | 1.3 | 416                           | 1.0 | 1.0 | 134 | 2.9 | 1.0 | 157 | 2.2 | 1.1 | 160 | 2.0 | 1.2 |
| 6        | 1.5 | 289                           | 1.2 | 1.2 | 80  | 4.4 | 1.2 | 105 | 2.9 | 1.3 | 112 | 2.5 | 1.4 |
| 7        | 1.8 | 212                           | 1.3 | 1.3 | 54  | 5.7 | 1.4 | 73  | 3.7 | 1.4 | 80  | 3.2 | 1.5 |

**PAR30** NARROW FLOOD 


**50W, 120V/NARROW FLOOD**  
RATED LIFE: **3000 hours** BEAM SPREAD: **24°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |     |     |    |     |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|-----|-----|----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'   |     | 4'  |     | 5'  |    |     |     |
| H        | S   | FC                            | L   | W   | FC  | L    | W   | FC  | L   | W   | FC | L   | W   |
| 3        | 2.0 | 300                           | 1.3 | 1.3 | 116 | 3.0  | 1.5 | 106 | 2.7 | 1.8 | 86 | 2.7 | 2.1 |
| 4        | 2.2 | 169                           | 1.7 | 1.7 | 61  | 5.0  | 1.9 | 65  | 3.8 | 2.1 | 60 | 3.6 | 2.4 |
| 5        | 2.8 | 108                           | 2.1 | 2.1 | 35  | 8.4  | 2.3 | 41  | 5.5 | 2.5 | 41 | 4.6 | 2.7 |
| 6        | 3.2 | 75                            | 2.6 | 2.6 | 21  | 12.0 | 2.8 | 27  | 7.5 | 2.8 | 29 | 6.0 | 3.0 |

**PAR30** FLOOD 


**50W, 120V/FLOOD**  
RATED LIFE: **2000 hours** BEAM SPREAD: **36°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |      |     |    |     |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|------|-----|----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'   |     | 4'  |      | 5'  |    |     |     |
| H        | S   | FC                            | L   | W   | FC  | L    | W   | FC  | L    | W   | FC | L   | W   |
| 2        | 1.6 | 400                           | 1.3 | 1.3 | 141 | 2.9  | 1.8 | 102 | 3.0  | 2.4 | 71 | 3.4 | 3.6 |
| 3        | 2.4 | 178                           | 1.9 | 1.9 | 69  | 5.4  | 2.3 | 63  | 4.4  | 2.8 | 51 | 4.3 | 4.1 |
| 4        | 3.1 | 100                           | 2.6 | 2.6 | 36  | 9.0  | 2.9 | 39  | 6.6  | 3.2 | 35 | 5.8 | 4.6 |
| 5        | 3.9 | 64                            | 3.2 | 3.2 | 21  | 11.0 | 6.9 | 24  | 10.4 | 3.8 | 25 | 7.8 | 5.2 |

**PAR30** NARROW SPOT 


**75W, 120V/NARROW SPOT**  
RATED LIFE: **2000 hours** BEAM SPREAD: **11°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'  |     | 4'  |     | 5'  |     |     |     |
| H        | S   | 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 |
| 5        | 1.4 | 598                           | 1.0 | 1.0 | 193 | 2.9 | 1.0 | 226 | 2.2 | 1.1 | 229 | 2.0 | 1.2 |
| 6        | 1.6 | 415                           | 1.2 | 1.2 | 115 | 4.4 | 1.2 | 151 | 2.9 | 1.3 | 161 | 2.5 | 1.4 |
| 7        | 1.9 | 305                           | 1.3 | 1.3 | 78  | 5.7 | 1.4 | 105 | 3.7 | 1.4 | 115 | 3.2 | 1.5 |

**PAR30** NARROW FLOOD 


**75W, 120V/NARROW FLOOD**  
RATED LIFE: **2000 hours** BEAM SPREAD: **27°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |     |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'   |     | 4'  |     | 5'  |     |     |     |
| H        | S   | FC                            | L   | W   | FC  | L    | W   | FC  | L   | W   | FC  | L   | W   |
| 3        | 1.8 | 395                           | 1.4 | 1.4 | 153 | 3.5  | 1.7 | 140 | 3.1 | 2.0 | 113 | 3.1 | 2.4 |
| 4        | 2.4 | 222                           | 1.9 | 1.9 | 81  | 6.0  | 2.1 | 86  | 4.4 | 2.4 | 78  | 4.1 | 2.7 |
| 5        | 3.0 | 142                           | 2.4 | 2.4 | 46  | 9.0  | 2.6 | 54  | 6.5 | 2.8 | 55  | 5.3 | 3.1 |
| 6        | 3.6 | 99                            | 2.9 | 2.9 | 27  | 12.8 | 3.1 | 36  | 9.0 | 3.2 | 38  | 7.0 | 3.4 |

**PAR30** FLOOD 


**75W, 120V/FLOOD**  
RATED LIFE: **2000 hours** BEAM SPREAD: **36°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |      |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'   |     | 4'  |      | 5'  |     |     |     |
| H        | S   | 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 |
| 3        | 2.3 | 289                           | 1.9 | 1.9 | 112 | 5.4  | 2.3 | 102 | 4.4  | 2.8 | 83  | 4.3 | 4.1 |
| 4        | 3.1 | 163                           | 2.6 | 2.6 | 59  | 8.2  | 2.9 | 63  | 6.6  | 3.2 | 57  | 5.8 | 4.6 |
| 5        | 3.9 | 104                           | 3.2 | 3.2 | 34  | 10.6 | 6.9 | 39  | 10.4 | 3.8 | 40  | 7.8 | 5.2 |

**PAR38** SPOT 


**90W, 120V/SPOT**  
RATED LIFE: **2000 hours** BEAM SPREAD: **10°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |     |     |     |     |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          |     | 0'                            |     | 3'  |     | 4'  |     | 5'  |     | 6'  |     |     |     |
| H        | S   | FC                            | L   | W   | FC  | L   | W   | FC  | L   | W   | FC  | L   | W   |
| 4        | 1.0 | 161                           | 0.7 | 0.7 | 447 | 1.5 | 0.9 | 411 | 1.4 | 1.0 | 352 | 1.5 | 1.1 |
| 6        | 1.5 | 516                           | 1.0 | 1.0 | 187 | 2.6 | 1.2 | 200 | 2.3 | 1.3 | 196 | 2.1 | 1.4 |
| 8        | 2.0 | 290                           | 1.4 | 1.4 | 91  | 4.3 | 1.5 | 105 | 3.5 | 1.5 | 111 | 3.2 | 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 |

**PAR38** FLOOD 


**90W, 120V/FLOOD**  
RATED LIFE: **2000 hours** BEAM SPREAD: **30°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |      |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|
|          |     | 0'                            |     | 2'  |     | 3'   |     | 4'  |      | 5'  |     |     |     |
| H        | S   | 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 |
| 4        | 2.5 | 266                           | 2.1 | 2.1 | 96  | 7.2  | 2.4 | 102 | 5.1  | 2.7 | 94  | 4.6 | 3.0 |
| 5        | 3.2 | 170                           | 2.7 | 2.7 | 55  | 10.0 | 2.9 | 64  | 7.6  | 3.1 | 65  | 6.1 | 3.4 |
| 6        | 3.8 | 118                           | 3.2 | 3.2 | 33  | 12.0 | 3.5 | 43  | 10.8 | 3.5 | 46  | 8.1 | 3.8 |

**PAR38** SPOT 

**Q250W, 120V/SPOT**  
RATED LIFE: **6000 hours** BEAM SPREAD: **14°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |      |     |     |     |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|
|          |     | 0'                            |     | 3'  |     | 4'   |     | 5'  |      | 6'  |     |     |     |
| H        | S   | FC                            | L   | W   | FC  | L    | W   | FC  | L    | W   | FC  | L   | W   |
| 6        | 1.6 | 1295                          | 1.5 | 1.5 | 470 | 3.8  | 1.6 | 501 | 3.2  | 1.8 | 491 | 3.0 | 1.9 |
| 8        | 2.1 | 729                           | 2.0 | 2.0 | 229 | 6.4  | 2.1 | 265 | 5.1  | 2.2 | 278 | 4.5 | 2.3 |
| 10       | 2.6 | 466                           | 2.5 | 2.5 | 118 | 11.9 | 2.7 | 151 | 7.7  | 2.6 | 169 | 6.3 | 2.7 |
| 12       | 3.1 | 324                           | 2.9 | 2.9 | 74  | 16.6 | 3.0 | 95  | 10.6 | 3.0 | 108 | 8.8 | 3.1 |

**PAR38** FLOOD 

**Q250W, 120V/FLOOD**  
RATED LIFE: **6000 hours** BEAM SPREAD: **27°**

| VERTICAL |     | D = DISTANCE FROM WALL (FEET) |     |     |     |      |     |     |      |     |     |      |     |
|----------|-----|-------------------------------|-----|-----|-----|------|-----|-----|------|-----|-----|------|-----|
|          |     | 0'                            |     | 3'  |     | 4'   |     | 5'  |      | 6'  |     |      |     |
| H        | S   | FC                            | L   | W   | FC  | L    | W   | FC  | L    | W   | FC  | L    | W   |
| 4        | 2.7 | 640                           | 1.9 | 1.9 | 246 | 4.4  | 2.4 | 226 | 4.1  | 2.7 | 194 | 4.1  | 3.1 |
| 6        | 4.0 | 284                           | 2.9 | 2.9 | 103 | 9.0  | 3.2 | 110 | 7.0  | 3.4 | 108 | 6.3  | 3.7 |
| 8        | 5.3 | 160                           | 3.8 | 3.8 | 50  | 17.2 | 4.0 | 58  | 12.0 | 4.2 | 61  | 10.0 | 4.5 |
| 10       | 6.6 | 102                           | 4.8 | 4.8 | 26  | 19.0 | 5.2 | 33  | 18.0 | 5.1 | 37  | 15.0 | 5.3 |

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