



# C4S CONSERVA® 400 LUMINAIRE

## Low Bay, Enclosed

### APPLICATIONS

- Low mounting height 10-25 ft. (3-8 meter) applications, assembly lines, manufacturing areas, food processing plants, warehouses and parking garages

### SPECIFICATION FEATURES

- 1598 Listed **Suitable for Wet or Damp locations** depending on mounting hardware used.
- 1598 Listed for metal halide lamps in polymeric lamp containment barriers
- CUL Listed to Canadian Standards & Codes
- Standard construction is IP52
- Die-cast aluminum ballast housing and aluminum reflector painted white (C4SW)
- Die-cast aluminum ballast housing with electrocoat gray paint finish and aluminum reflector with Alzak<sup>®</sup> finish (C4S)
- Maximum seal reliability for clean optical component
- UV stabilized injection molded prismatic refractor for low brightness with clampband
- Primary quick disconnect for easy mounting
- Safety chain provisions
- Mogul base socket -E39 standard
- Shipped as components: Ballast, Optical
- Magnapack available for ballast
- *Pulse start system for metal halide available. (See Page I-125)*

### ORDERING NUMBER LOGIC

| PRODUCT IDENT                                  | WATTAGE  | LIGHT SOURCE  | VOLTAGE   | BALLAST TYPE                                       | AMBIENT DEG. C        | OPTICAL  | MOUNTING RECEPTACLE  | OPTIONS  |
|--|--|---|---|--|-----------------------|--|--|--|
| XXX =<br>C4S =<br>Conserva<br>400<br>Luminaire | XX<br>17 = 175<br>25 = 250<br>32 = 320<br>35 = 350<br>40 = 400 | X<br>S = HPS<br>M = MH or<br>P = Pulse<br>Start MH<br>(See pg. I-125) | X<br>60Hz<br>0 = 120/208/<br>240/277<br>MULTIVOLT<br>1 = 120<br>2 = 208<br>3 = 240<br>4 = 277<br>5 = 480<br>D = 347<br>F = 120X347<br>T = 220<br><br>50Hz<br>6 = 220<br>R = 230<br>Y = 240<br>G = 380 | X<br>See Ballast Selection<br>Table<br>A = Autoreg | X<br>4 = 40<br>5 = 55 | XX<br>EA = Enclosed<br>Acrylic Refractor<br><br>SA = Enclosed<br>Advanced "ST"<br>HID Acrylic<br><br>PA = Enclosed<br>Lexan SLX<br>Polycarbonate<br><br>Note: Must use<br>C4Sxxx ballast.<br>Cannot use<br>multipurpose<br>ballast | X<br>1 = Ceiling<br>(MPM-C)<br>250 watt max<br>2 = 3/4-in. Pendant,<br>Rigid*<br>(MPM-3PR)<br>3 = 3/4-in. Pendant,<br>Rigid, Wet<br>Locations*<br>(MPM-3PRW)<br>4 = 3/4-in. Pendant,<br>Rigid, with Thru<br>Feed, Wet<br>Locations*<br>(MPM-3PRTFW)<br>5 = 3/4-in. Pendant,<br>Flexible<br>(MPM-3PF)<br>6 = Outlet<br>Box Cover<br>(MPM-0BC)<br>250 watt max | X<br>B = Time Delay Automatically Switch Quartz<br>F = Fusing<br>Q = Non-Time Delay Automatically<br>Switch Quartz<br>Y = Solo Bilevel Port<br>(See page I-100)<br><br>Note: See page I-102-114 for Accessory Index<br>and Descriptions.<br>Note: See page I-123-125 for explanation of<br>Options.<br>Note: Wet location determined by<br>mounting receptacle |

\*NOTE: Flexible pendant mounting receptacle must be used if unit is not rigidly mounted or fixture will not hang straight.

### PHOTOMETRIC SELECTION TABLE

| EA, SA, PA Enclosed Conserva 400 (C4S) |              |                     |                  |                     |
|--|--------------|---------------------|------------------|---------------------|
| Wattage                                | Light Source | Maximum Temperature | Spacing Criteria | Photometric Curve # |
| 175                                    | MH           | 40C                 | 2.3              | 177597              |
| 175(COATED)                            | MH           | 40C                 | 1.9              | 177598              |
| 250                                    | MH           | 40C                 | 2.3              | 177597              |
| 250(COATED)                            | MH           | 40C                 | 1.9              | 177598              |
| 400                                    | MH           | 40C                 | 2.3              | 177597              |
| 400(COATED)                            | MH           | 40C                 | 1.9              | 177598              |
| 175,250                                | P(MH)        | 40C                 | 2.3              | 177597              |
| 175,250(COATED)                        | P(MH)        | 40C                 | 1.9              | 177598              |
| 320*                                   | P(MH)        | 40C                 | 2.3              | 177597              |
| 320*(COATED)                           | P(MH)        | 40C                 | 1.9              | 177598              |
| 350                                    | P(MH)        | 40C                 | 2.3              | 177597              |
| 350(COATED)                            | P(MH)        | 40C                 | 1.9              | 177598              |
| 250                                    | HPS          | 55C                 | 2.2              | 177596              |
| 400                                    | HPS          | 40C                 | 2.2              | 177596              |

\*320 watt, ED28 Pulse Start MH  
Note: Lexan, SLX, Polycarbonate lens reduce light levels by 10%  
Note: C/F = Call Factory  
Note: See page T-34 for Alternative lens material explanation  
Note: Lexan SLX is a registered Trademark of GE Plastic

### PHOTOMETRIC SELECTION TABLE

| WA, SA, PA Enclosed Conserva 400 (White Reflector) (C4SW) |              |                     |                  |                     |
|---|--------------|---------------------|------------------|---------------------|
| Wattage   | Light Source | Maximum Temperature | Spacing Criteria | Photometric Curve # |
| 175   | MH           | 40C                 | 2.0              | 178678              |
| 175(COATED)   | MH           | 40C                 | C/F              | 178678              |
| 250   | MH           | 40C                 | 2.0              | 178678              |
| 250(COATED)   | MH           | 40C                 | C/F              | C/F                 |
| 400   | MH           | 40C                 | 2.0              | 178678              |
| 400(COATED)   | MH           | 40C                 | C/F              | C/F                 |
| 175,250   | P(MH)        | 40C                 | 2.0              | 178678              |
| 175,250(COATED)   | P(MH)        | 40C                 | C/F              | C/F                 |
| 320*  | P(MH)        | 40C                 | 2.0              | 178678              |
| 320*(COATED)  | P(MH)        | 40C                 | C/F              | C/F                 |
| 350   | P(MH)        | 40C                 | 2.0              | 178678              |
| 350(COATED)   | P(MH)        | 40C                 | C/F              | C/F                 |
| 250   | HPS          | 55C                 | 2.0              | 178677              |
| 400   | HPS          | 40C                 | 2.0              | 178677              |

# C4S CONSERVA® 400 LUMINAIRE

Low Bay, Enclosed

CONSERVA INDOOR LIGHTING

## REFERENCES

See Page I-102 for start of Accessories.  
 See Page I-116 for Component Ordering Logic.  
 See Pages I-123-125 for Explanation of Options and Other Terms Used.

## DATA

|   |              |             |
|---|--------------|-------------|
| Approximate Net Weight<br>Ballast and Optical | lbs<br>33-36 | kg<br>15-16 |
|---|--------------|-------------|

## BALLAST SELECTION TABLE

| Wattage  | Light Source | Ballast Type / Voltage |                             |     |                 |     |      |     |     |     |
|--|--------------|------------------------|-----------------------------|-----|-----------------|-----|------|-----|-----|-----|
|  |              | Multivolt              | 60HZ                        |     |                 |     | 50HZ |     |     |     |
|  |              |                        | 120, 208<br>240, 277<br>480 | 347 | 120<br>x<br>347 | 220 | 220  | 230 | 240 | 380 |
| 250  | HPS          | A                      | A                           | A   | A               | N/A | A,H  | A,H | A,H | N/A |
| 400  | HPS          | A                      | A                           | A   | A               | N/A | A    | N/A | N/A | N/A |
| 175  | MH           | N/A                    | A                           | A   | A               | N/A | N/A  | N/A | N/A | N/A |
| 250  | MH           | A                      | A                           | A   | A               | N/A | N/A  | N/A | N/A | N/A |
| 400  | MH           | A                      | A                           | A   | A               | N/A | N/A  | N/A | N/A | N/A |
| <b>PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE</b> |              |                        |                             |     |                 |     |      |     |     |     |
| 175  | P (MH)       | N/A                    | A                           | A   | A               | N/A | N/A  | N/A | N/A | N/A |
| 250  | P (MH)       | A                      | A                           | A   | A               | N/A | N/A  | N/A | N/A | N/A |
| 320  | P (MH)       | A                      | A                           | A   | N/A             | N/A | N/A  | N/A | N/A | N/A |
| 350  | P (MH)       | A                      | A                           | A   | N/A             | N/A | N/A  | N/A | N/A | N/A |

NOTE: N/A = Not Available

### CANADIAN NOTES:

- "A", Autoreg, available 120, 277 or 347 volts only
- 208, 240, and 480 volts require CWI ballast. Contact factory.
- Multivolt not available.

## FIXTURE DIMENSIONS

