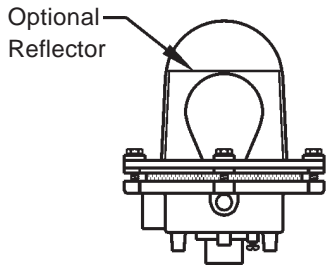


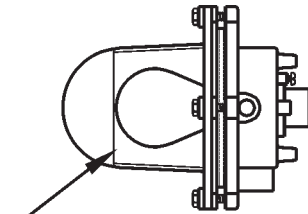
# SUBMERSIBLE LIGHTFIXTURE **PEM E100**

## POND LIGHT WITH FLANGED GLOBE

12 / 24 / 120 / 240V max. 100W  
127mm / 5.000" x 96mm / 3.750"



**E100-1**



184mm  
7.244"



**E100-3**  
Vertical

150mm  
5.906"



**E100-3**  
Horizontal



**E100-2**

**APPROVAL: CANADA, CSA Max. 120V / 100W, Submerged**

### DESCRIPTION

**PEM E100** Submersible lightfixture is designed for use as a submersible pond light to illuminate the water in a pond or wherever a sealed light source is required. An optional insertable half round polished stainless steel reflector can be adjusted to direct the light output or to hide the source of light. Clear Globe available only.

### CONSTRUCTION OF LIGHTFIXTURE

#### HOUSING & FACERING:

Cast bronze (85/5/5/5 Copper Alloy). Stainless Steel fitted.

#### REFLECTOR (Optional)

Adjustable polished Stainless Steel within globe.

#### CABLE:

Approved for the purpose. For low voltage see pages 308 & 309 for cable length and size.

#### LAMP HOLDER:

E27, Ceramic, medium screw socket with copper alloy screw shell.

#### GLOBE:

Cast glass, heat resistant and tempered. Available in clear only. (for colored illumination use colored lamps).

#### GLOBE GASKET:

Molded of approved material Single piece 'U' shape gasket.

#### THERMAL CUT - OFF:

Not available for E100.

#### 10-1, ROCKGUARD:

Sleeve Type. Made of expanded brass - Retrofittable.

#### ELECTRICAL RATINGS:

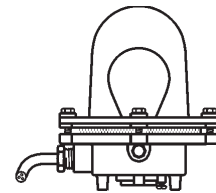
Max. 100W / 240V For E100 / CSA = Max. 100W / 120V

#### LAMP: OPTIONAL,

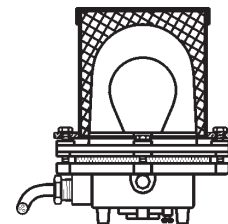
Medium Screw Base, E26 / 27 size,

Max. Length of lamp = 112 mm / 4.375" (E100 - CSA = 100W / 120V)

175mm  
6.889"

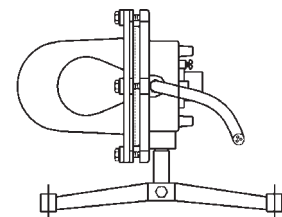


**E100-2**



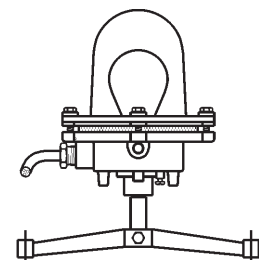
**E100-2**  
+ 10-1

184mm  
7.244"



**E100-3**  
Horizontal

230mm  
9.056"



**E100-3**  
Vertical

254mm  
10.000"

# PEM E100

2006-10

|  | SERIAL  | PEM             |   | CABLE                 | W.  |
|--|---|-----------------|---|-----------------------|-----|
|  <p><b>E100-2</b></p>                   | 312-0000  | Cat.            |   | Length & Size         | Kg  |
|  |   |                 | FOR LAMP AS INDICATED (Not included)        |                       |     |
|  | Select cable size to suit lamp(s) wattage (Amperage)                                  |                 |   |                       |     |
|  | E19 / E27 LONG LIFE LAMP, 12V / 24V / 120V / 240V, max.100W ( max. MoL; 112mm-4.375") |                 |   |                       |     |
|  | FIXTURE NO CABLE & CORDSEAL   |                 |   |                       |     |
|  | 312-1000  | <b>E100-1</b>   | CSA-1/2"NPT/BSP Conduit mounted Fixture     |                       | 2.6 |
|  <p><b>E100-3, Vertical</b></p>         | 312-1020  | <b>E100-02</b>  | Fixture without Stand                       | For 9-11mm O.D. Cable | 2.6 |
|  | 312-1030  | <b>E100-03</b>  | Fixture with Tripod Stand                   | For 9-11mm O.D. Cable | 3.2 |
|  | FIXTURE WITH CABLE  |                 |   |                       |     |
|  | 312-2000  | <b>E100-2-1</b> | CSA-12V/120V Fixture no Stand-with :        | 2.7m / 9' x 16/3AWG   | 3.1 |
|  | 312-2200  | <b>E100-2-2</b> | 240V Fixture without Stand - with :         | 2.7m x 3 x 1.5mm      | 3.1 |
|  | 312-2300  | <b>E100-2-3</b> | 12V / 24V Fixture without Stand - with :    | 2.7m x 2 x 2.5mm      | 3.1 |
|  <p><b>E100-3, Horizontal</b></p>      | 312-3000  | <b>E100-3-4</b> | CSA-12V/120V Fixture w.Tripod Stand-with:   | 2.7m / 9' x 16/3AWG   | 3.7 |
|  | 312-3300  | <b>E100-3-5</b> | 240V Fixture with Tripod Stand - with:      | 2.7m x 3 x 1.5mm      | 3.7 |
|  | 312-3400  | <b>E100-3-6</b> | 12V / 24V Fixture with Tripod Stand - with: | 2.7m x 2 x 2.5mm      | 3.7 |
|  | ADD ON TO LIGHT FIXTURE :   |                 |   |                       |     |
|  | 350-00111   | <b>+/-10-1</b>  | Rockguard                                   |                       | 0.8 |
|  <p><b>E100-2 +/-01 Rockguard</b></p> | 350-00113   | <b>+/- 009</b>  | Wall Bracket                                |                       | 0.8 |
|  | 350-00115   | <b>+/-02</b>    | Inside Reflector                            |                       | 0.2 |
|  | 385-3330  | <b>T301</b>     | Transformer 240,50Hz x12V/24V,300VA         | CE / IP23             | 2.2 |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  |   |                 |   |                       |     |
|  <p><b>E100-2 +/-02 Reflector</b></p> |   |                 |   |                       |     |
|  |   |                 |   |                       |     |