

## HYDROPROOF LED

- Luminario LED para uso industrial

Luminaria LED para ambientes con alto grado de humedad y suciedad, como cámaras de congelación y refrigeración de alimentos, instalaciones industriales, plantas de procesamiento de alimentos, cocinas y áreas comunes. Cuerpo fabricado en fibra de vidrio reforzado con poliéster de alta resistencia; accesorios, broches y herrajes fabricados en acero inoxidable. Difusor fabricado en acrílico opalino de alta resistencia a la temperatura con excelente distribución y control de la luz, con cubierta de policarbonato estabilizado contra rayos UV. Gracias a sus diferentes configuraciones cumple con las especificaciones de cualquier proyecto, probado conforme al requerimiento NSF/ANSI 2 - Food Equipment. Eficacia de hasta 130lm/W, montaje sobrepuesto, garantía de 5 años.

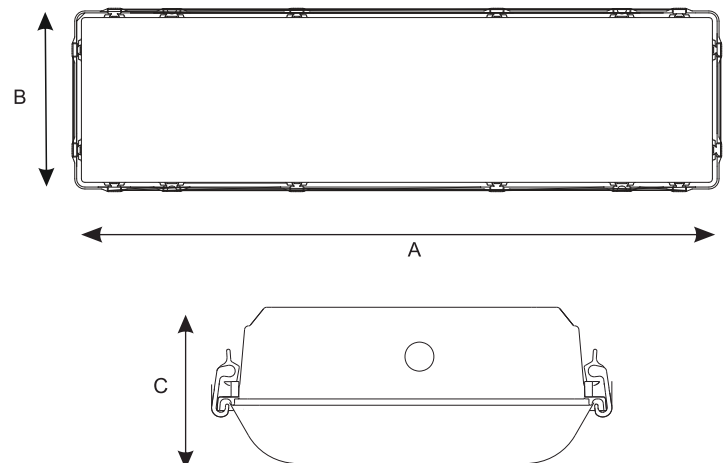
### Potencias disponibles

| Código Code | Descripción Description | Potencia (W) Power | Temperatura de Color (K) | Flujo Lum. (lm) Luminous flux | Eficacia (lm/W) Efficacy | Corriente. (A) |
|-------------|-------------------------|--------------------|--------------------------|-------------------------------|--------------------------|----------------|
| P106326-36  | HYDROPROOF 2 LED        | 70                 | 5000                     | 8550                          | 121                      | 0.583 - 0.318  |
| P106310-36  | HYDROPROOF 2 LED        | 90                 | 5000                     | 11024                         | 122.49                   | 0.750 - 0.324  |
| P106312-36  | HYDROPROOF 4 LED        | 170                | 5000                     | 22200                         | 130.59                   | 1.400 - 0.613  |
| P106320-36  | HYDROPROOF 4 LED        | 240                | 5000                     | 30135                         | 125.56                   | 2.000 - 0.866  |

### Resumen de Rendimiento

|                                                      |              |                                                     |                |
|------------------------------------------------------|--------------|-----------------------------------------------------|----------------|
| Voltaje de operación / Input voltage                 | 120 - 277 V~ | Rango de Temp. de Operación / Operation Temp. Range | -40 a 40°C     |
| Frecuencia de operación / Operating frequency        | 50 / 60Hz    | Hermeticidad / IP Protection                        | 67             |
| Factor de potencia / Power factor                    | >0.95        | Garantía / Warranty                                 | 5 años / Years |
| Índice de reproducción color / Color rendering index | ≥80          | Ángulo de apertura / Beam Angle                     | 120°           |
| Vida útil / Lifespan                                 | 50 000 h     | Tipo de montaje / Mounting type                     | Suspendido     |
| Capacidad de atenuación / Dimming capability         | 1 - 10 V     |                                                     |                |

### Dimensiones

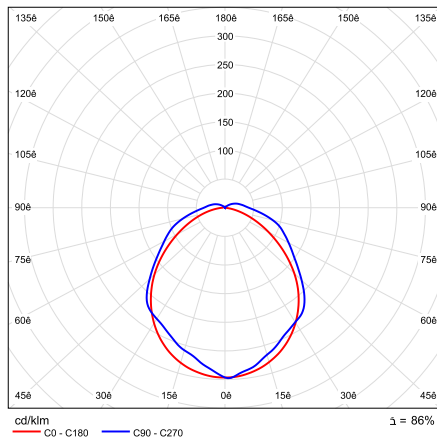


|                   | A(mm) | B(mm) | C(mm) | Peso(Kg) |
|-------------------|-------|-------|-------|----------|
| HYDROPROOF 2 70W  | 1289  | 172   | 117   | 4        |
| HYDROPROOF 2 90W  | 1289  | 172   | 117   | 4        |
| HYDROPROOF 4 170W | 1319  | 371   | 151   | 8.62     |
| HYDROPROOF 4 240W | 1319  | 371   | 151   | 10.47    |

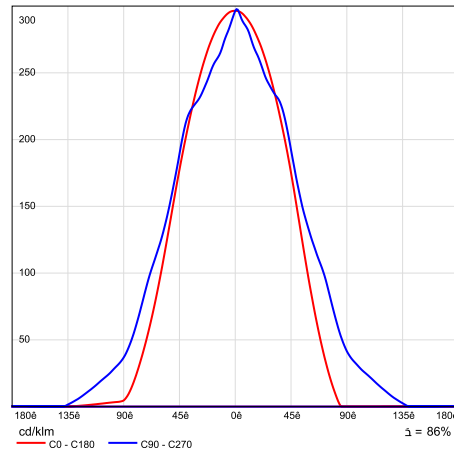
## Curva Fotométrica

HYDROPROOF 70W y 90W

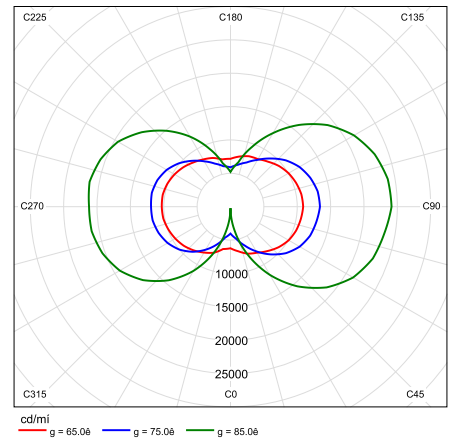
CDL Polar



CDL Lineal

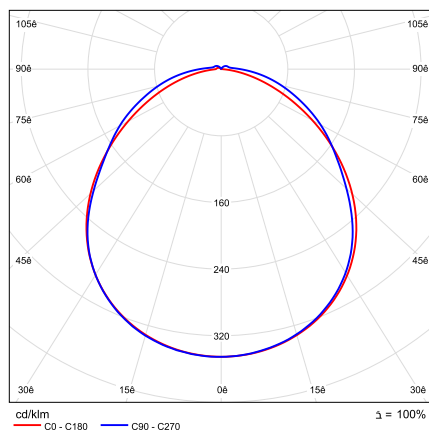


Densidad Lumínica

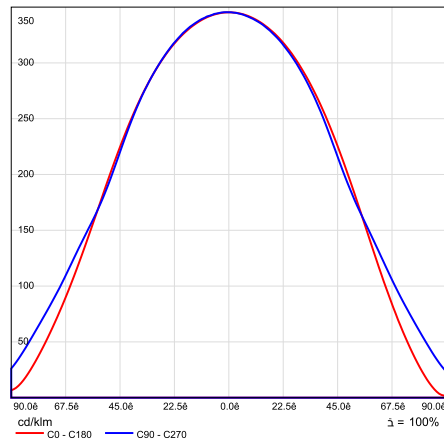


HYDROPROOF 170W y 240W

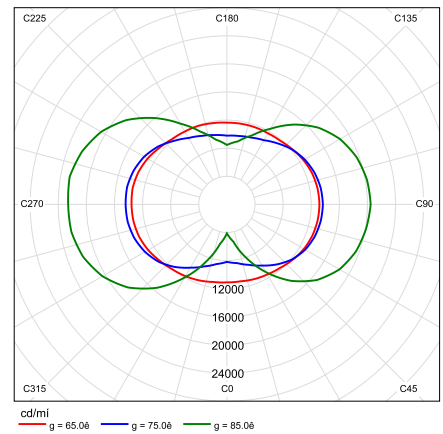
CDL Polar



CDL Lineal



Densidad Lumínica



## Opciones con respaldo de emergencia

| Código<br>Code | Descripción<br>Description | Potencia (W)<br>Power | Flujo Lum. Nominal (lm)<br>Nominal Luminous flux | Flujo Lum. Emergencia (lm)<br>Emergency Luminous flux | Respaldo<br>Backup | Vida útil batería<br>Battery lifespan |
|----------------|----------------------------|-----------------------|--------------------------------------------------|-------------------------------------------------------|--------------------|---------------------------------------|
| P106334-36     | HYDROPROOF 2 LED EM        | 70                    | 8 470                                            | 968                                                   | 90 min             | 500 ciclos                            |
| P106309-36     | HYDROPROOF 2 LED EM        | 90                    | 11 024                                           | 980                                                   | 90 min             | 500 ciclos                            |
| P106333-36     | HYDROPROOF 4 LED EM        | 170                   | 22 200                                           | 1 044                                                 | 90 min             | 500 ciclos                            |

Algunos componentes del Hydroproof 2 están hechos de materiales plásticos, su resistencia contra productos químicos es limitada o incluso nula. Consulte el siguiente listado antes de utilizar detergentes agresivos, productos desinfectantes o de instalar el luminario en lugares dónde este expuesto

| CHEMICAL                                 | ACRYLIC    | POLYCARBONATE | FIBERGLASS |
|------------------------------------------|------------|---------------|------------|
| <b>ACIDS (Weak up to 10 %):</b>          | <b>+/-</b> | <b>+</b>      | <b>+</b>   |
| <b>ACIDS</b>                             |            |               |            |
| Acetic (max 30%)                         | -          | +/-           | +          |
| Hydrochloric (max 20%)                   | +          | +/-           | +/-        |
| Nitric (max 20%)                         | +/-        | +/-           | +/-        |
| Sulphuric (max 50%)                      | +/-        | +/-           | -          |
| Phosphoric                               | -          | +/-           | -          |
| Hydrobomic                               | -          | -             | -          |
| Accumulator Acid                         | +/-        | +/-           | +/-        |
| <b>BASES (Weak)</b>                      |            |               |            |
| Ammonia (max 25%)                        | +          | -             | +          |
| <b>BASES (Concentrated)</b>              |            |               |            |
| Ammonia (max 50%)                        | +/-        | -             | +/-        |
| Sodium Hydroide                          | +/-        | -             | -          |
| <b>SALT SOLUTIONS</b>                    |            |               |            |
| Common Salt                              | +          | +/-           | +          |
| Metal Salt                               | +          | +/-           | +          |
| Soda                                     | +          | +/-           | +          |
| <b>HYDROCARBONS</b>                      |            |               |            |
| Aliphatic                                | +/-        | +             | +/-        |
| Aromatic                                 | -          | -             | +/-        |
| Parafins                                 | +          | +             | +          |
| Carbon Dioxide, Carbon Monoxide          | +          | +             | +          |
| Ethyl Acetate                            | -          | -             | -          |
| Pyridine                                 | -          | -             | -          |
| <b>CHLORIDE HYDROCARBONS</b>             |            |               |            |
| Carbon Tetrachloride                     | -          | -             | +/-        |
| Trichlorethylene                         | -          | -             | -          |
| Methylene Chloride                       | -          | -             | -          |
| <b>ALCOHOLS</b>                          |            |               |            |
| Up to 30 %                               | +/-        | +/-           | +          |
| Concentrated                             | -          | -             | +/-        |
| Methanol, Ethanol, Phenol                | -          | -             | +/-        |
| <b>ETHERS</b>                            |            |               |            |
| Ether                                    | +/-        | -             | +/-        |
| Petroleum Ether                          | +          | +/-           | +/-        |
| <b>AROMATIC HYDROCARBONS</b>             |            |               |            |
| Aniline                                  | +/-        | -             | +/-        |
| Benzene and derivates                    | -          | -             | -          |
| Hydrogen Peroxide                        | +/-        | +/-           | -          |
| Xylene                                   | -          | -             | -          |
| <b>OILS and FATS</b>                     |            |               |            |
| Petrol, Kerosine                         | +/-        | +/-           | +          |
| Mineral oil                              | -          | +/-           | +          |
| Vegetable oils (hot)                     | +          | -             | +          |
| Cooking fats (hot)                       | +          | -             | +          |
| <b>UNSATURATED CHLORIDE HYDROCARBONS</b> |            |               |            |
| Chloroform                               | -          | -             | -          |

**+** = Resistant / **+/-** = Limited resistant / **-** = Not resistant

\* : In case of limited resistance to corrosion (+/-) the use of Polycarbonate clips is not suggested. We do advise the use of stainless steel latches if there is any uncertainty.