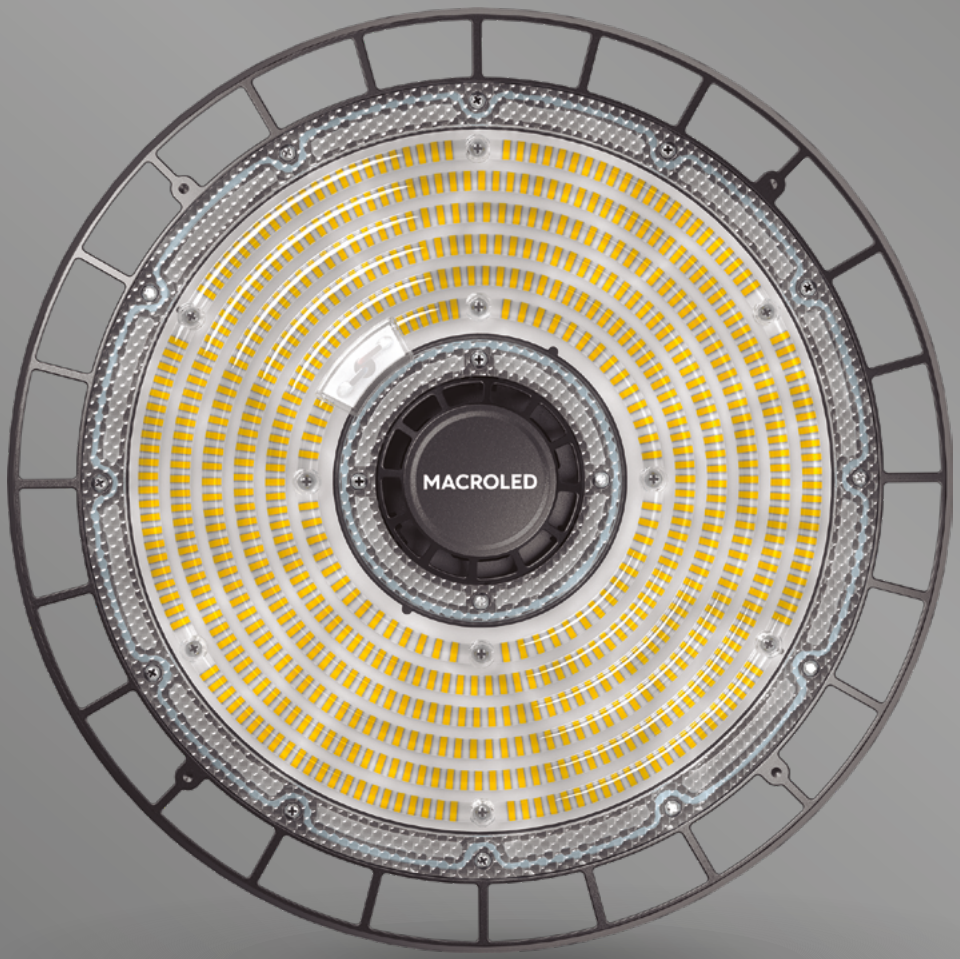
MACROLED®

# HIGHBAY PRO




## 100W - 150W - 200W

### Rango Multitensión
AC90-305V~

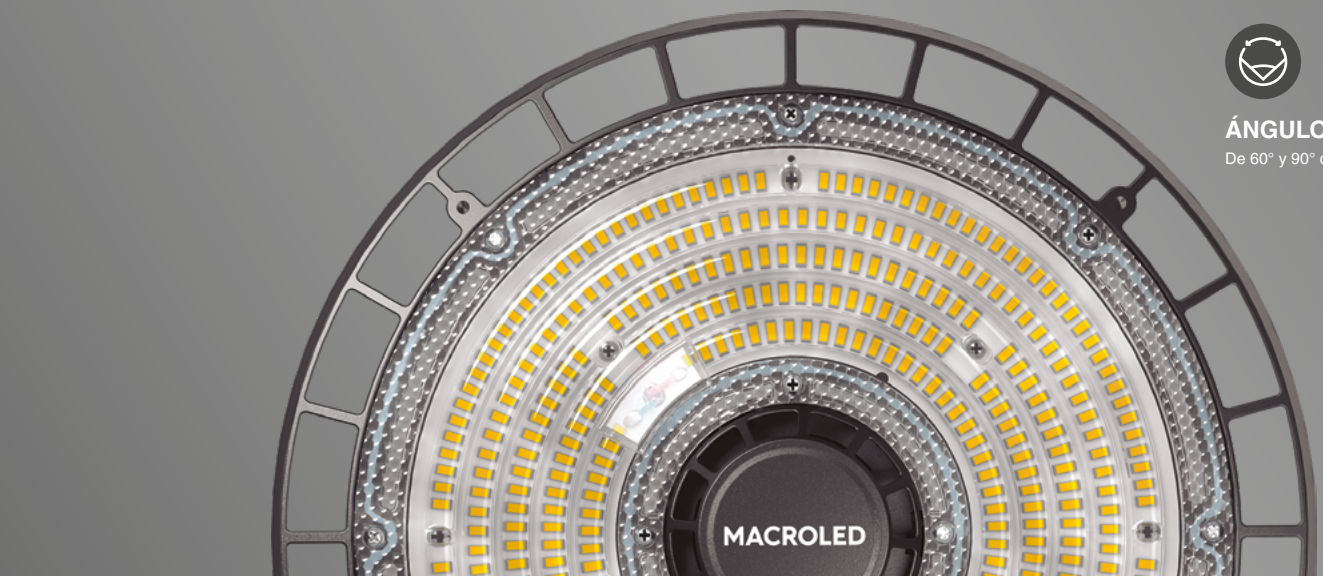
### Eficiencia Lumínica
180 lúmenes x Watt

### Vida útil
50.000 hs

### Luz Fría
Temperatura de color 5700K

### Protección
IP66 - IK08

### Garantía
5 años




## ÁNGULOS DE APERTURA
De 60° y 90° disponibles en 150W

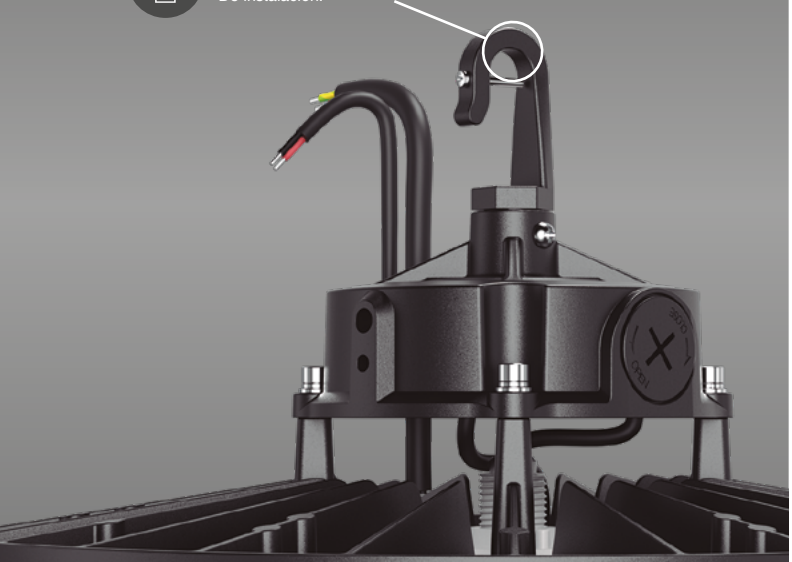
## SENSOR MOVIMIENTO
Sensor de sensibilidad ajustable.
Optimizando el consumo de energía.

## DIMERIZABLE
Mediante sensor
30-150°
ø6mts

## CONTROL REMOTO
Controla la configuración del Sensor.

## IP66/IK08 APTO INTEMPERIE
Protección de golpes y agua.

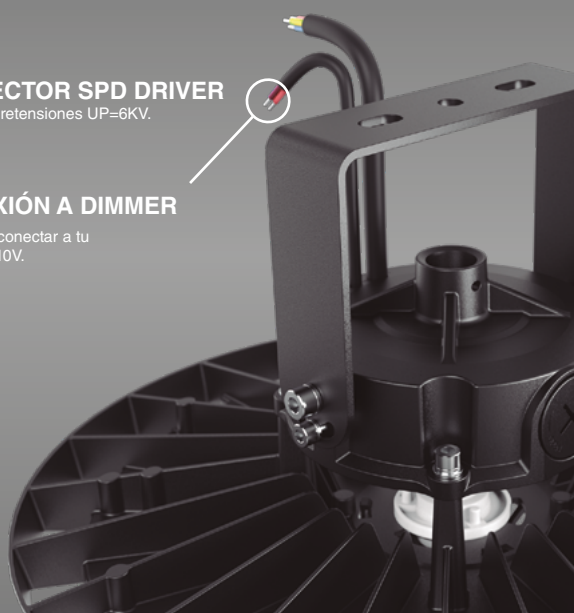
## CÁNCAMO
De instalación.



## BRAZO REGULABLE
Regulación de 180°.

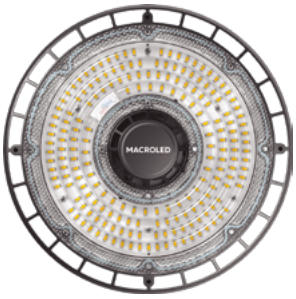
## PROTECTOR SPD DRIVER
Contra sobretensiones UP=6KV.

## CONEXIÓN A DIMMER
Listo para conectar a tu
dimmer 0-10V.

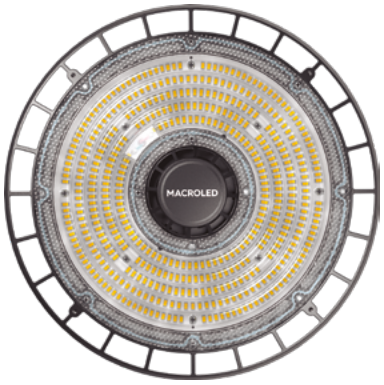


# Highbay PRO

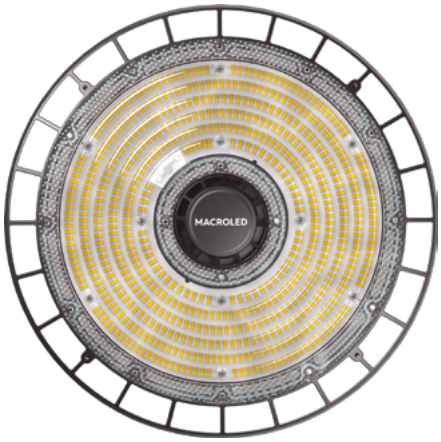
## Alta Potencia



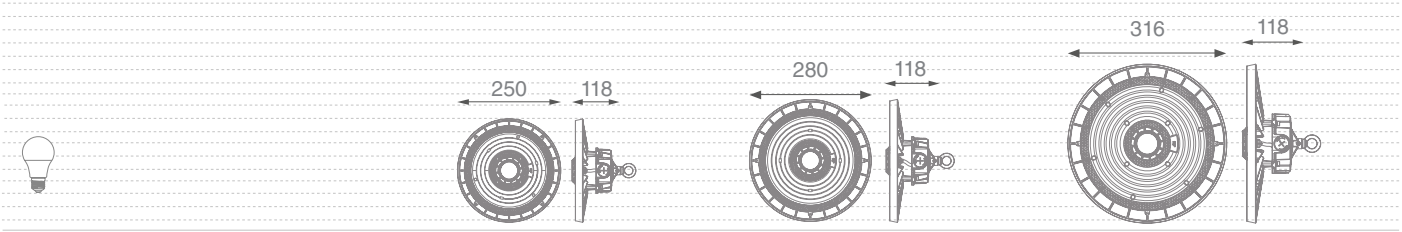

100W




150W




200W




valores expresados en mm

## Características eléctricas

| Modelo | PHB-100W-90D-857-CW | PHB-150W-60D-857-CW | PHB-150W-90D-857-CW | PHB-200W-90D-857-CW |
|---|---|---|---|---|
| EAN-13 | 7428325600126 | 7428325604629 | 7428325600133 | 7428325600140 |
| Tensión | AC90-305V~ | | | |
| Potencia | 100W | 150W | 150W | 200W |
| Corriente | 0.46A | 0.68A | 0.68A | 0.91A |
| Factor potencia | ≥0.95 | | | |
| Frecuencia | 50-60Hz | | | |
| Anti-High-Volt | 1500V | | | |
| EMC | SI | | | |
| Clase de protección | I | | | |
| ON/OFF Switch | 25000H | | | |
| SDCM | ≤6 | | | |
| THD | <15% | | | |
| Protector SPD | 6KV | | | |
| Corriente de irrupción | 100A | | | |
| Tiempo de irrupción Th50 | 520uS | | | |
| Cantidad máx. de equipo por circuito B16 A | 1 | 1 | 1 | 1 |
| Cantidad máx. de equipo por circuito C10 A | 1 | 1 | 1 | 1 |
| Cantidad máx. de equipo por circuito C16 A | 2 | 2 | 2 | 2 |

# Highbay PRO

## Alta Potencia

| Características lumínicas | | | | |
|---|---|---|---|---|
| **Modelo** | PHB-100W-90D-857-CW | PHB-150W-60D-857-CW | PHB-150W-90D-857-CW | PHB-200W-90D-857-CW |
| CRI | ≥80 | | | |
| Marca de LED | - | | | |
| Tipo de LED | SMD2835 | | | |
| Vida útil | 50.000hs | | | |
| Tiempo de arranque | <3s | | | |
| Dimerizable | Si | | | |
| Certificado LM80 | Si | | | |
| UGR | <23 | | | |
| Ángulo de apertura | 90° | 60° | 90° | 90° |
| Desviación estándar de igualación de colores | ≤6 | ≤6 | ≤6 | ≤6 |

| Características materiales | |
|---|---|
| Material de cuerpo | Aluminio |
| Material de lente | PC |
| Temperatura de operación | -30ºC~+50ºC |
| Protección IP | 66 |
| Protección IK | 08 |
| Largo del Cable | 30cm |
| Garantía | 5 años |
| Color de carcasa | Negro |
| Tipo de montaje | Cáncamo / Brazo opcional * |

* Brazo opcional no incluido

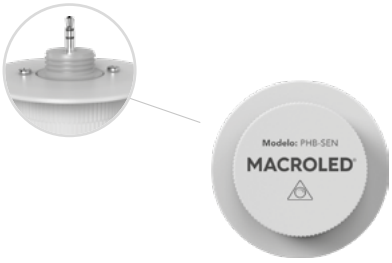
| | | | | | |
|---|---|---|---|---|---|
| Artefacto | Tamaño | Ø250*118mm | Ø280*118mm | ø280*118mm | ø316*118mm |
| | Peso | 1,6Kg | 1,8Kg | 1,8Kg | 2Kg |
| Master | Tamaño | 460x255x270mm | 460x290x295mm | 430x340x345mm | 430x340x345mm |
| | Cant | 5u. | 5u. | 5u. | 5u. |

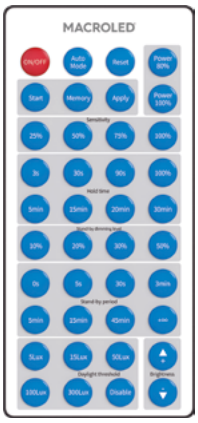
| Temperaturas | | | | |
|---|---|---|---|---|
| Tipo de Blanco | Blanco Frío | | | |
| Temperatura Color | 5700K | | | |
| Flujo Luminoso | 18.000lm | 27.000lm | 27.000lm | 36.000lm |
| Lúmenes Lm/W | 180lm x W | | | |

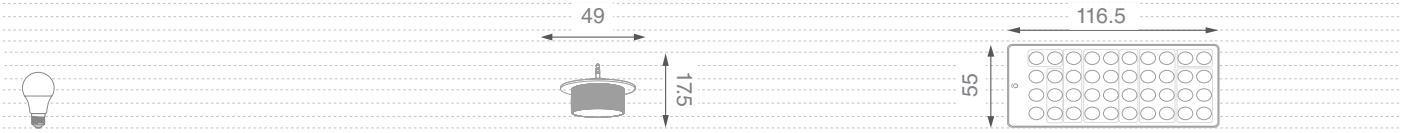
# Sensor de movimiento y Fotocontrol

## PHB-SEN

Conector Jack de audio 3.5mm
+ Sujeción a Rosca



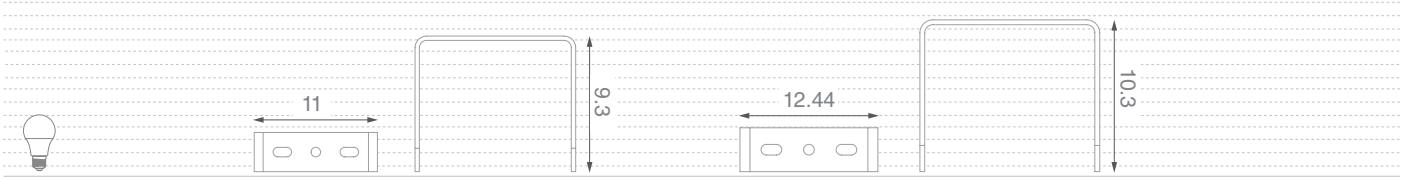

valores expresados en mm

| Características | | | |
|---|---|---|---|
| **Modelo** | PHB-SEN | | |
| **EAN-13** | 7428325600157 | **Rango de ángulo de activación** | 30-150° |
| **Tensión de Entrada** | 11-15V DC | **Tiempo de encendido** | 10 seg. |
| **Tensión de Salida** | 0-10V | **Tamaño** | 17.5x49mm |
| **Corriente de Operación** | 22mA | **Color de carcasa** | Blanco |
| **Potencia** | 0.3mW | **Conector** | Jack de audio 3.5mm |
| **Dimerizable** | Si | **Tipo de montaje** | Rosca |
| **Método de Dimerizado** | 0-10V | **Altura máx. de instalación** | 13m |
| **Función fotocélula** | Si | **Temp. de Operación** | -35°C-70°C |
| **Método de activación** | Detección Presencia | **Protección IP** | IP65 |
| **Rango de distancia de activación** | Ø6m | **Garantía** | 3 años |

| Características | |
|---|---|
| **Modelo** | PHB-CONTROL |
| **EAN-13** | 7428325606227 |
| **Tipo y cantidad de pilas** | AAA *2 |
| **Tensión** | 3V |
| **Cantidad de botones** | 40 |
| **Modo de conectividad** | IR |
| **Alcance** | 15m |
| **Dimensiones** | 11.65x5.5x1.3cm |
| **Material del cuerpo** | ABS |
| **Color de carcasa** | Negro |

# Highbay Brazo

## PHB-BRC - PHB-BRG




valores expresados en mm

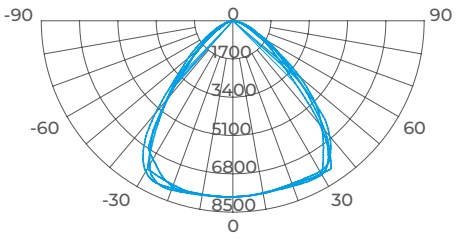
| Características | | |
|---|---|---|
| **Modelo** | PHB-BRC | PHB-BRG |
| **EAN-13** | 7428325600164 | 7428325600171 |
| **Compatibilidad** | Galponeras PRO de 100/150W | Galponeras PRO de 200W |
| **Tamaño** | 9.3X3.5X11cm | 10.3X3.5X12.44cm |
| **Material** | Aluminio | Aluminio |
| **Color de carcasa** | Negro | Negro |
| **Tipo de montaje** | Brazo | Brazo |
| **Ángulo de apertura** | 180° | 180° |

# Highbay PRO

## Alta Potencia

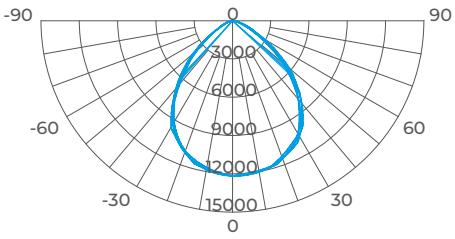
### Fotometrías

100W



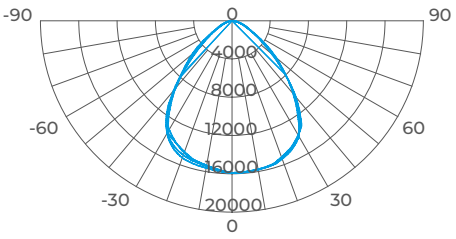

— Distribución de luz en el plano vertical
--- Distribución de luz en el plano horizontal

150W




— Distribución de luz en el plano vertical
--- Distribución de luz en el plano horizontal

200W




— Distribución de luz en el plano vertical
--- Distribución de luz en el plano horizontal

### Cono de lux

100W

| | | |
|---|---|---|
| 1m | 180.85cm | 4674,8234llx |
| 2m | 361.71.cm | 1168.6,2059lx |
| 3m | 542.56cm | 519.3,915.0lx |
| 4m | 723.41cm | 293.9,519.7lx |
| 5m | 904.27cm | 186.9,329.5lx |
| 6m | 1085.12cm | 129.81,228.71lx |
| 7m | 1265.98cm | 95,39,168.8lx |
| 8m | 1446.83cm | 73.03,128.61lx |
| 9m | 1627.68cm | 57.71,101.61lx |
| 10m | 1808.54cm | 46.74,82.34lx |

Ángulo 93°

150W

| | | |
|---|---|---|
| 1m | 241.19cm | 3673,8177lx |
| 2m | 395.65cm | 1365,3039lx |
| 3m | 593.47cm | 606.7,1350lx |
| 4m | 791.34cm | 341.3,759.6lx |
| 5m | 989.12cm | 218.4,486.2lx |
| 6m | 1186.94cm | 151.7,337.6lx |
| 7m | 1384.77cm | 111.4,248.6lx |
| 8m | 1582.59cm | 85.31,189.9lx |
| 9m | 1780.42cm | 67.41,150.1lx |
| 10m | 1978.24cm | 54.60,121.51lx |

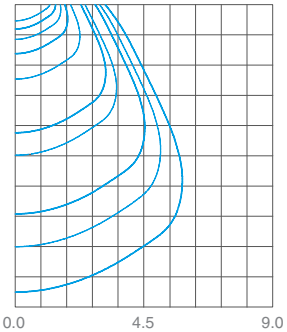
Ángulo 93°

200W

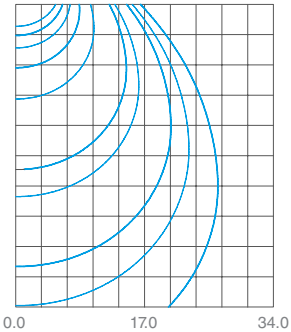
| | | |
|---|---|---|
| 1m | - | 4186,9498lx |
| 2m | 421.95cm | 1555,3529lx |
| 3m | 632.93cm | 691.9,1568lx |
| 4m | 843.91cm | 388.2,882.3lx |
| 5m | 1054.88,cm | 248.9,564lx |
| 6m | 1265.86cm | 172.9,392lx |
| 7m | 1476.84cm | 126.9,288.4lx |
| 8m | 1687.81cm | 97.21,220.6lx |
| 9m | 1898.79cm | 76.83,174.4lx |
| 10m | 2109.77cm | 62.23,141.2lx |

Ángulo 93°

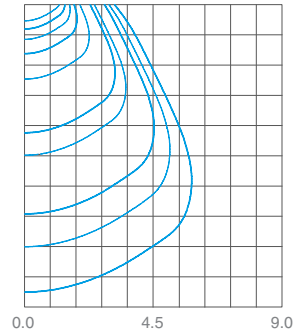
### Plano Isolux




| | | |
|---|---|---|
| 1200 | 200 | S(m) |
| 980 | 160 | |
| 780 | 98.0 | |
| 590 | 78.0 | |
| 390 | 59.0 | |




| | | |
|---|---|---|
| 73.0 | 12.0 | S(m) |
| 61.0 | 9.70 | |
| 49.0 | 6.10 | |
| 36.0 | 4.90 | |
| 24.0 | 3.60 | |




| | | |
|---|---|---|
| 2400 | 400 | S(m) |
| 2000 | 320 | |
| 1600 | 200 | |
| 1200 | 160 | |
| 790 | 120 | |