



Damp proof LED luminaire HWDP IP66 in polycarbonate housing with opal cover IK08 and pre-assembled stainless steel clips. Equipped with 5-pole toolless connection connector on both sides and through wiring of 2.5mm<sup>2</sup>. Lumen output up to 130lm/W (150lm/W version available in option). Equipped with ENEC SELV driver, flicker free. Ideal for line mounting and emergency power circuits. Supplied including stainless steel ceiling brackets, two M20 cable glands for line mounting and 2 input grommets for ceiling wiring. The housing has 5 inputs for cable entry through the ceiling. Driver, through-wiring and connectors are mounted in the base of the luminaire. The LED plate and PC cover are one unit, which protects the LEDs against contact, and a fall protection with steel cable is provided. Emergency version autotest 3h equipped with environmentally friendly LiFePO batteries. Emergency output 4W 618lm.

|      |      |     |         |           |       |               |     |    |      |    |         |      |     |     |
|------|------|-----|---------|-----------|-------|---------------|-----|----|------|----|---------|------|-----|-----|
|      |      |     |         |           |       |               |     |    |      |    |         |      |     |     |
| IP66 | IK08 | 120 | 5 YEARS | up to 130 | 0,967 | 70.000 L80B10 | YES | 82 | 4000 | NO | SMD2835 | 22,8 | YES | YES |

### Technical specifications

|            |               |
|------------|---------------|
| Referentie | HWDP-18124EMS |
| EAN code   | 5420076254506 |
| ETIM code  | EC002892      |

### Electrical specifications

|                        |            |
|------------------------|------------|
| System power (W)       | 20,2       |
| LED power (W)          | 18         |
| Input voltage (Vac)    | 220-240    |
| Frequency (Hz)         | 50/60      |
| Driver included        | yes        |
| Driver intern/extern   | intern     |
| Driver brand           | Boke       |
| Driver reference       | BK-CHL024  |
| Dimmable               | nee        |
| Flicker free           | yes        |
| Power factor           | 0,967      |
| THD                    | <15%       |
| Driver output (V)      | 30~42      |
| Driver output (mA)     | 500        |
| Isolation class        | I          |
| Energy class           | A+         |
| N° circ. breaker 16A C | 20         |
| N° circ. breaker 16A D | 38         |
| Inrush current         | <40A 120µs |

### Warranty and certification

|                  |                         |
|------------------|-------------------------|
| Lifetime (h)     | 70.000 L80B10           |
| Warranty (years) | 5 (excluding batteries) |
| ENEC             | yes                     |

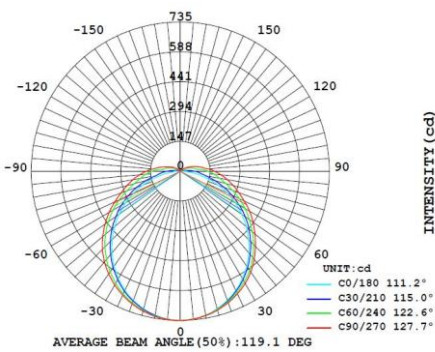
### Photometric specifications

|                       |                 |
|-----------------------|-----------------|
| Light angle (°)       | 120             |
| Color temperature (K) | 4000            |
| CRI                   | 82              |
| UGR                   | 22,8            |
| SDCM                  | 3               |
| Lumen output (Lm)     | 2500            |
| Lm/W                  | 130             |
| Flux code             | 42 72 90 93 100 |
| Ledchip               | SMD2835         |
| Led manufacturer      | Hongli          |
| N° of LEDs            | 240             |
| Photobiological class | RG0             |

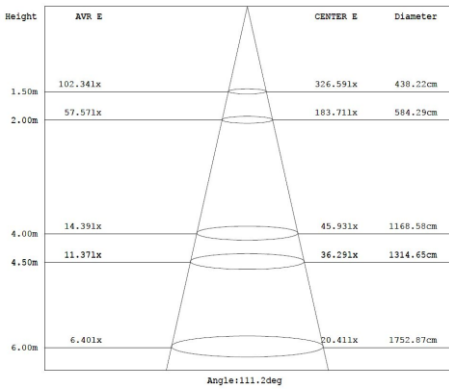
### Dimensions and material properties

|                    |                    |
|--------------------|--------------------|
| Dimensions (LxBxH) | 1200x95x83mm       |
| Weight (kg)        | 1,62               |
| Color              | light grey RAL7042 |
| Working temp. (°C) | -25~+45            |
| IP value           | IP66               |
| IK value           | IK08               |
| UV resistant       | yes                |
| Seawater resistant | no                 |
| UL94               |                    |
| N° in masterbox    | 6                  |
| N° on pallet       | 90                 |
| MOQ                | 1                  |
| Stock item         | yes                |

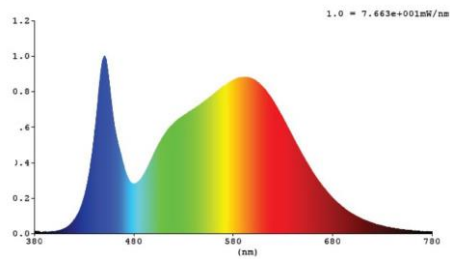
Lumen distribution



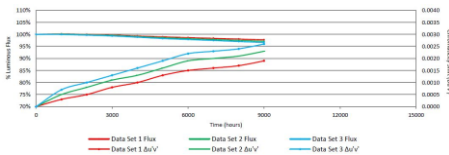
Distance curve:



Spectrum distribution



Lumendrop

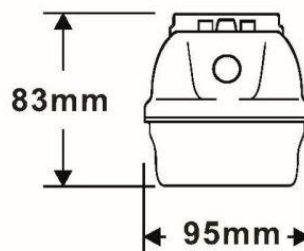
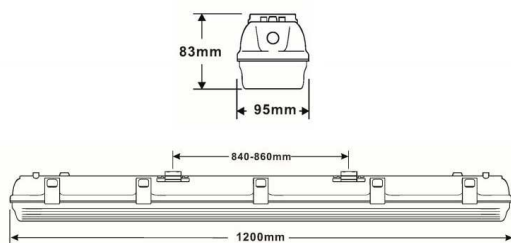


Accessories

HWDP-SUS HWDP suspension set 1,5m



### Dimensions



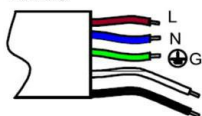
### Connection diagram

#### Standaard/standard



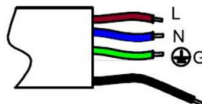
200~240VAC  
Max. 5x2,5mm<sup>2</sup>  
L: bruin/brun/brown  
N: blauw/bleu/blue  
G: geel-groen/jaune-vert/yellow-green

#### Dimming



Max. 5x2,5mm<sup>2</sup>  
L: bruin/brun/brown  
N: blauw/bleu/blue  
G: geel-groen/jaune-vert/yellow-green  
DA1/DIM+: wit of grijs/blanc ou gris/white or grey  
DA2/DIM-: zwart/noir/black

#### Noodunit/unité de secours/emergency



Max. 5x2,5mm<sup>2</sup>  
L continu: bruin/brun/brown  
N: blauw/bleu/blue  
G: geel-groen/jaune-vert/yellow-green  
L switched: zwart/noir/black

|  | Color | LED indication                                   | Status                          | Comment   |
|--|-------|--|---------------------------------|---|
|  | Green | Permanent green                                  | Fully Charged/<br>Charging Mode | AC mode   |
|  | Green | Fast flashing green<br>(0.1 sec on, 0.1 sec off) | Function test underway          |   |
|  | Green | Slow flashing green<br>(1 sec on, 1 sec off)     | Duration test underway          |   |
|  | Red   | Permanent red                                    | Load failure                    | Open circuit/ Short circuit<br>Led failure (emergency mode)       |
|  | Red   | Slow flashing red<br>(1 sec on, 1 sec off)       | Battery failure                 | Battery failed the duration test or function<br>test / No battery |
|  |       | Green and red off                                | DC mode                         | Battery operation (emergency mode)                                |

Glow wire test                      850°C  
THD                                      <15%  
Warranty batteries !                LiFePO 3 years