# DATASHEET

HWDP-60154HOEMS HWDP 1,5m 60W 4000K nood 3u IP66

**integratech**
less energy more light.

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 2.5mm². High output version up to 150lm/W. 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.

| IP | IK | | Warranty | lm/W | PF | | Flicker-Free | | CCT | DIM | | | ENEC | STOCK |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| IP66 | IK08 | 120 | 5 YEARS | up to 150 | 0,969 | 54.000 L90B50 | YES | 82 | 4000 | NO | SMD2835 | 25 | YES | YES |

## Technical specifications

| Referentie | HWDP-60154HOEMS |
|---|---|
| EAN code | 5420076264321 |
| ETIM code | EC002892 |

## Electrical specifications

| System power (W) | 63 |
|---|---|
| LED power (W) | 60 |
| Input voltage (Vac) | 220-240 |
| Frequency (Hz) | 50/60 |
| Driver included | yes |
| Driver intern/extern | intern |
| Driver brand | Boke |
| Driver reference | BK-CWL060-1500A |
| Dimmable | nee |
| Flicker free | yes |
| Power factor | 0,969 |
| THD | <15% |
| Driver output (V) | 30~42 |
| Driver output (mA) | 1500 |
| Isolation class | I |
| Energy class | A+ |
| N° circ. breaker 16A C | 10 |
| N° circ. breaker 16A D | 18 |
| Inrusch current | <40A 120µs |

## Warranty and certification

| Lifetime (h) | 54.000 L90B50 |
|---|---|
| Warranty (years) | 5 (excluding batteries) |
| ENEC | yes |

## Photometric specifications

| Light angle (°) | 120 |
|---|---|
| Color temperature (K) | 4000 |
| CRI | 82 |
| UGR | 25 |
| SDCM | 3 |
| Lumen output (Lm) | 9000 |
| Lm/W | 150 |
| Flux code | |
| Ledchip | SMD2835 |
| Led manufacturer | Hongli |
| N° of LEDs | 395 |
| Photobiological class | RG0 |

## Dimensions and material properties

| Dimensions (LxBxH) | 1500x95x83mm |
|---|---|
| Weight (kg) | 2,5 |
| 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 |

Visit our website for all test reports LM-79 / LM-80 / TM-21 and elumdat files, subject to changes without notice.
Rechargeable batteries (lead or NiCd) that are part of a lighting device always have a one-year warranty!
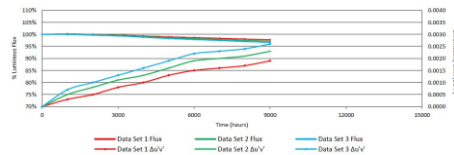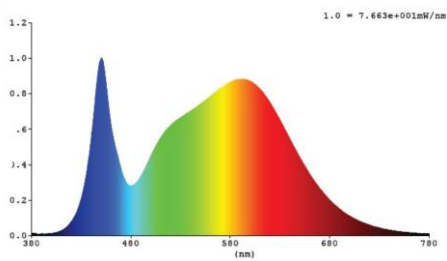
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Lumen distribution



Distance curve:
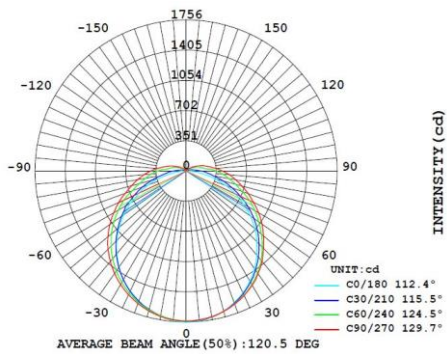
Spectrum distribution



Lumendrop

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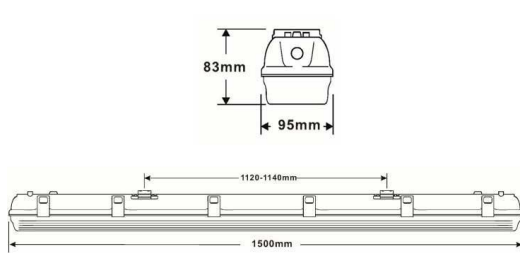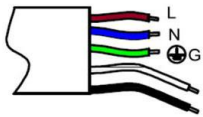Rechargeable batteries (lead or NiCd) that are part of a lighting device always have a one-year warranty!

## Dimensions
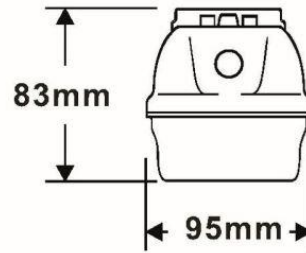


## Connection diagram



Standaard/standard

200~240VAC
Max. 5x2,5mm²
L: bruin/brun/brown
N: blauw/bleu/blue
G: geel-groen/jaune-vert/yellow-green

Dimming

Max. 5x2,5mm²
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
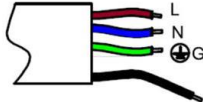
Max. 5x2,5mm²
L continu: bruin/brun/brown
N: blauw/bleu/blue
G: geel-groen/jaune-vert/yellow-green
L switched: zwart/noir/black

| | Color | LED indication | Status | Comment |
|---|---|---|---|---|
| 🟢 | Green | Permanent green | Fully Charged/ Charging Mode | AC mode |
| 🟢 | Green | Fast flashing green (0.1 sec on, 0.1 sec off) | Function test underway | |
| 🟢 | Green | Slow flashing green (1 sec on, 1 sec off) | Duration test underway | |
| 🔴 | Red | Permanent red | Load failure | Open circuit/ Short circuit Led failure (emergency mode) |
| 🔴 | Red | Slow flashing red (1 sec on, 1 sec off) | Battery failure | Battery failed the duration test or function 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 |