

Description:

PHBP perform 200W 4000K IP65 1-10V 120gr



PHBP is a multifunctional and high-performance high-bay ready for the future. The IP65 housing with integrated ventilation slots guarantees optimal air flow and cooling. PHBP is equipped with high-performance SMD2835 LEDs, an isolated 1-10V dimmable quality driver and comes standard with an opal PC cover for pleasant and less dazzling lighting. The device efficiency with opal cover is 155lm/W. A device efficiency of up to 170lm/W is possible with a transparent cover (optional). Optionally, a PIR or microwave sensor can be added. The sensor can be quickly adjusted with a universal infrared transmitter. With the optional wall bracket it is possible to mount the device in a fixed position on a wall or ceiling.

Technical specifications

| | |
|------------|---------------|
| Referentie | PHBP2004 |
| EAN code | 5420076254384 |
| ETIM code | EC002556 |

Electrical specifications

| | |
|------------------------|------------|
| System power (W) | 204 |
| LED power (W) | 200 |
| Input voltage (Vac) | 100~277 |
| Frequency (Hz) | 47~63 |
| Driver included | yes |
| Driver intern/extern | intern |
| Dimmable | 1-10V |
| Flicker free | yes |
| Power factor | 0,95 |
| Connection cable | 2m H05RN-F |
| Driver output (V) | |
| Driver output (mA) | |
| Isolation class | I |
| Energy class | A+ |
| N° circ. breaker 16A C | 6 |
| N° circ. breaker 16A D | 9 |
| Inrush current | 62A |

Warranty and certification

| | |
|------------------|---------------|
| Lifetime (h) | 50.000 L80B20 |
| Warranty (years) | 5 |
| ENEC | no |

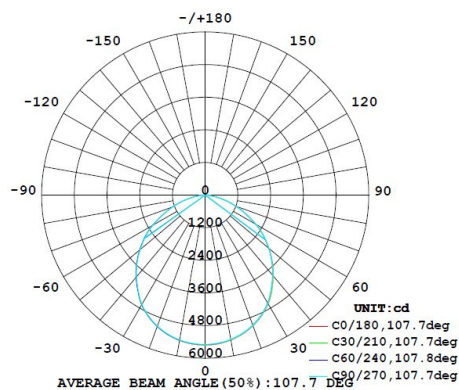
Photometric specifications

| | |
|-----------------------|---------|
| Light angle (°) | 120 |
| Color temperature (K) | 4000 |
| CRI | >80 |
| UGR | 30 |
| SDCM | <5 |
| Lumen output (Lm) | 29600 |
| Lm/W | 155 |
| Flux code | |
| Ledchip | SMD2835 |
| Led manufacturer | |
| N° of LEDs | 450 |
| Photobiological class | RG1 |

Dimensions and material properties

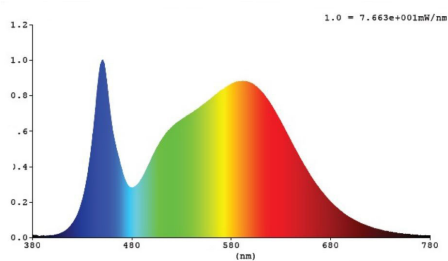
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| Dimensions (LxBxH) | 360x360x188mm |
| Weight (kg) | 5,3 |
| Color | black |
| Working temp. (°C) | -30~+55 |
| IP value | IP65 |
| IK value | IK08 |
| UV resistant | yes |
| Seawater resistant | no |
| UL94 | |
| N° in masterbox | 1 |
| N° on pallet | 0 |
| MOQ | 1 |
| Stock item | yes |

Lumen distribution

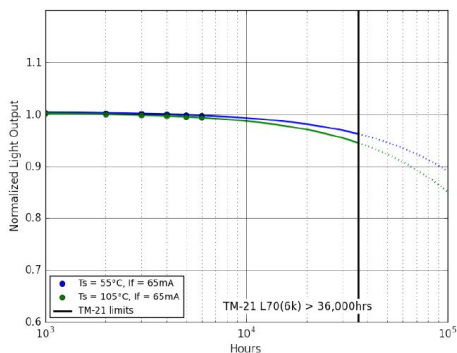


Distance curve:

Spectrum distribution



Lumendrop

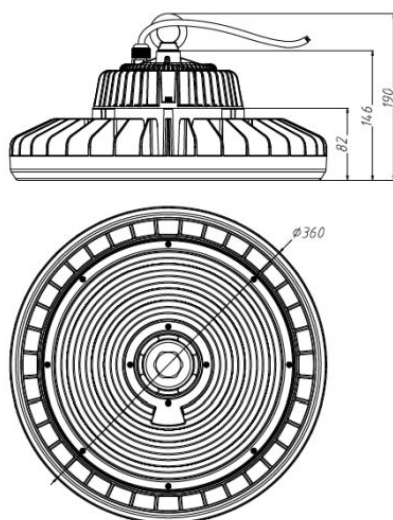


Accessories

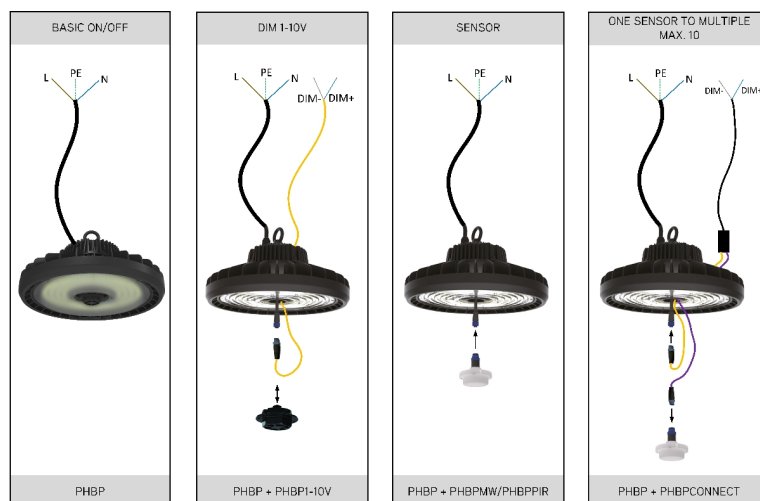
| | |
|-------------|--|
| PHBPPIR | PIR sensor IP65 max 12m for PHBP |
| PHBPMW | Microwave sensor IP65 max 15m for PHBP |
| INT-REMOTE | Integrattech universal sensor remote control |
| PHBP1-10V | Connection cable 2m 1-10V for PHBP |
| PHBPCONNECT | PHBP loop-through cable for sensor 2m |
| PHBP200-PCC | Prisma PC reflector 100° for PHBP 200/240W |
| PHB-WBR | Wall bracket for baylight PHB/PHBP |



Dimensions



Connection diagram



Isolation test 3,75KVac
TUV, GS, CB, D Mark, C