

### Description:

PHBP perform 240W 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	PHBP2404
EAN code	5420076254391
ETIM code	EC002556

### Electrical specifications

System power (W)	244
LED power (W)	240
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	4
N° circ. breaker 16A D	7
Inrush current	62A

### Warranty and certification

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

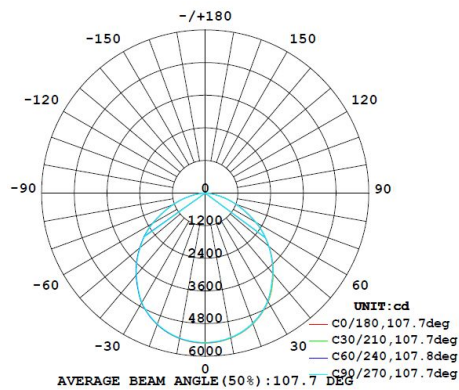
### Photometric specifications

Light angle (°)	120
Color temperature (K)	4000
CRI	>80
UGR	30
SDCM	<5
Lumen output (Lm)	35520
Lm/W	155
Flux code	
Ledchip	SMD2835
Led manufacturer	
N° of LEDs	495
Photobiological class	RG1

### Dimensions and material properties

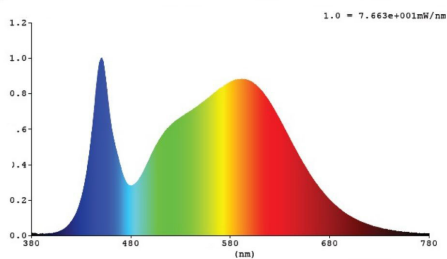
Dimensions (LxBxH)	360x360x188mm
Weight (kg)	5,3
Color	black
Working temp. (°C)	-30~+55
IP value	IP65
IK value	IK08
UV resistant	yes
Seawater resistant	no
UL94	
N° in masterbox	1
N° on pallet	0
MOQ	1
Stock item	yes

### Lumen distribution

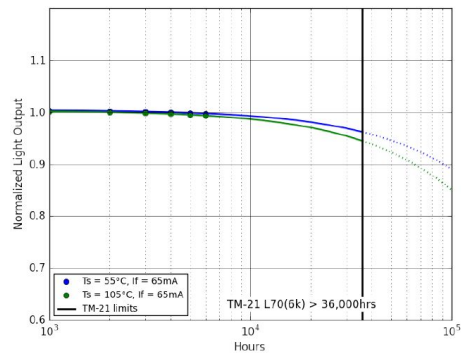


### Distance curve:

### Spectrum distribution



### Lumendrop

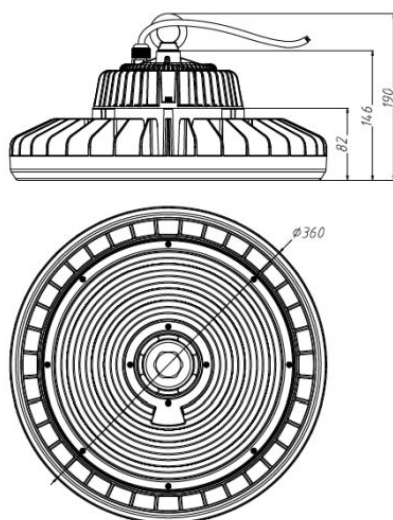


### Accessories

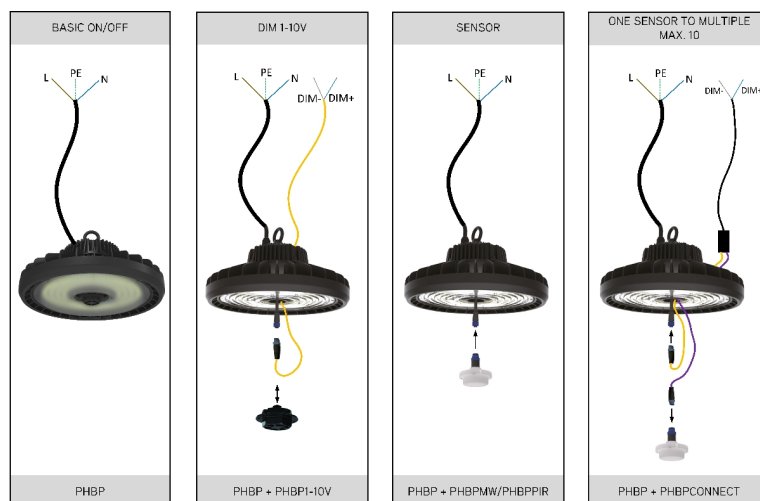
PHBPPIR	PIR sensor IP65 max 12m for PHBP
PHBPMW	Microwave sensor IP65 max 15m for PHBP
INT-REMOTE	Integratech universal sensor remote control
PHBP1-10V	Connection cable 2m 1-10V for PHBP
PHBPCONNECT	PHBP loop-through cable for sensor 2m
PHBP200-PCC	Prisma PC reflector 100° for PHBP 200/240W
PHB-WBR	Wall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



### Dimensions



### Connection diagram



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