

APE LED High Bay retrofit - premium lights at lower energy consumption and change-free in the installation



Product advantages:

- Direct replacement for conventional sodium and metal halide bulbs of 150W, 250W and 400W
- Energy savings over 60% compared to conventional High Bay luminaires
- Optimised weight and size thanks to compact design
- 4 levels of light flux
- Versions with different light sources for installation at heights from 3 up to 14 m
- The E27, E40 and M10x1 handles and single-point fixing are available

Product features:

- Source efficiency: up to 190 lm/W
- Luminous flux: up to 28 500lm
- Colour temperature: 3000°K, 4000°K, 5000°K and 6000°K
- Colour rendering index (CRI \geq 80)
- Built-in 4-level dimming system from the circuit switch
- Aluminium housing
- Ambient operating temperature: -30°C ÷ +50°C
- Durability: 50 000 hours
- 3-year warranty

General information

Ambient temperature range	-30°C ÷ +50°C
Maximum dimming level	25%
Mechanical impact protection code	IK 05
Protection index	IP 20
Input voltage	230V 50Hz
CE marking	Yes
Protection class IEC	Safety Class I
Driver included	Yes
Power factor	cos φ ≥ 0,97
Efficiency of the power supply	η ≥ 0,95
Power consumption tolerance	+/-10%
Luminaire light beam spread	150°
Color temperature	3000°K, 4000°K, 5000°K, 6000°K
Color rendering index	Ra ≥ 80
Flux tolerance	+/-10%
Lifetime L70B50	50 000 h
Materials	Housing: aluminium
	Case: ABS
Colour	Grey
Dimmable	Yes, C-series built-in programs

The source has:

- thermal protection
- built-in fan (switch-on temperature 60°C)

Light source colour

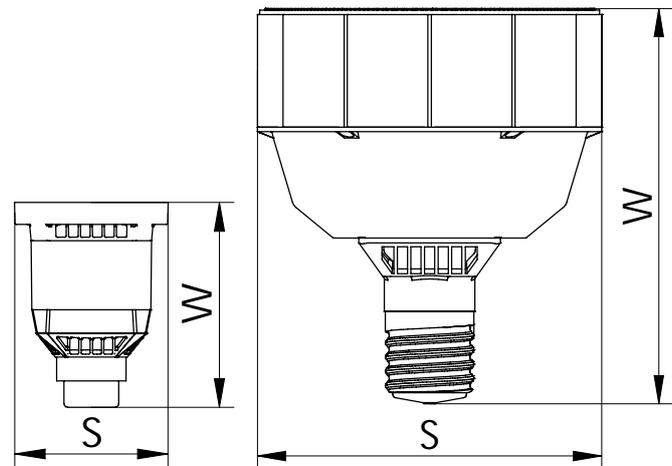
Product name	Color temperature	Product name	Color temperature
HBXX.X.830	3000°K	HBXX.X.850	5000°K
HBXX.X.840	4000°K	HBXX.X.860	6000°K

Technical data

Product name	Luminous flux	Power	Source efficiency
HB20	3200 lm	20 W	160 lm/W
HB25	4000 lm	25 W	160 lm/W
HB45	7200 lm	45 W	160 lm/W
HB75	12000 lm	75 W	160 lm/W
HB150	28500 lm	150 W	190 lm/W

Product data

Product name	Power	Dimensions DxS mm	Available mountings	Weight kg
HB20	20 W	80x 45	E27, single-pointed fixture	
HB25	25 W	115x 60	E27, E40, single-pointed fixture	
HB45	45 W	115x 60	E27, E40, single-pointed fixture	
HB75	75 W	165x 153	E27, E40, M10, single-pointed fixture	1
HB150	150 W	195x 153	E27, E40, M10, single-pointed fixture	1,1



HB20, HB25, HB45

HB75, HB150