



# Bright up your space the smarter way

## Essential SmartBright LowBay

Philips Essential SmartBright LowBay is a functional lighting by combining cost-efficiency with clean design. It offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. Flexible, safe, and reliable, Essential SmartBright LowBay is a perfect LED replacement to conventional CFL LowBay system, allowing you to bright up your supermarkets, retail shops, and sports recreational spaces the smarter way.

### Benefits

- Energy saving up to 55%
- 1 to 1 replacement to CFL45W, 65W and 85W
- Comfort light quality
- Safe & Reliable

### Features

- High efficacy: 80 lumens per watt
- Lumen Output of 1600lm, 2400lm and 3200lm
- High quality optical plate ensure good uniformity
- 15,000hrs lifetime @Ta25°C in compliance with CB and EMC norms

### Application

- General indoor low ceiling applications: Supermarket; Retail shops; Sports hall; Warehouse etc.

# Essential SmartBright LowBay

## Versions



## Product details



Essential SmartBright Lowbay  
BY088P Side



Essential SmartBright Lowbay  
BY088P Top

# Essential SmartBright LowBay

## Application Conditions

Ambient temperature range	-20 to +40 °C
Suitable for random switching	No

## Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

Input Voltage	220-240 V
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## General Information

CE mark	-
Protection class IEC	Safety class I (I)
Optical cover/lens type	PC
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB

## Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<5
Init. Colour rendering index	≥80
Initial LED luminaire efficacy	80 lm/W
Luminous flux tolerance	+/-10%

## Mechanical and Housing

Colour	Grey and Black
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## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour		
		Temperature	Initial luminous flux	Initial input power
911401668403	BY088P LED40/NW OL	4000 K	3200 lm	40 W
911401668503	BY088P LED40/WW OL	3000 K	3200 lm	40 W
911401668803	BY088P LED30/WW OL	3000 K	2400 lm	30 W
911401668903	BY088P LED20/CW OL	6500 K	1600 lm	20 W
911401669003	BY088P LED20/NW OL	4000 K	1600 lm	20 W
911401669103	BY088P LED20/WW OL	3000 K	1600 lm	20 W

