



# 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



BY088P LED40/CW



BY088P LED30/CW



BY088P LED20/CW

## Product details



Essential SmartBright Lowbay  
BY088P Side



Essential SmartBright Lowbay  
BY088P Top

## 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

Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Wide beam

## Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<5
Init. Color Rendering Index	≥80
Initial LED luminaire efficacy	80 lm/W
Luminous flux tolerance	+/-10%

## Mechanical and Housing

Color	Gray and black
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## General Information

Order Code	Full Product Name	CE mark
911401667203	BY088P LED40/CW	-
911401667303	BY088P LED40/NW	-
911401667403	BY088P LED40/WW	-
911401668303	BY088P LED40/CW OL	-
911401668403	BY088P LED40/NW OL	-
911401668503	BY088P LED40/WW OL	-
911401667503	BY088P LED30/CW	-
911401667603	BY088P LED30/NW	-
911401667703	BY088P LED30/WW	-
911401668603	BY088P LED30/CW OL	-
911401668703	BY088P LED30/NW OL	-
911401668803	BY088P LED30/WW OL	-
911401667803	BY088P LED20/CW	-
911401667903	BY088P LED20/NW	-
911401668003	BY088P LED20/WW	-
911401668903	BY088P LED20/CW OL	-
911401669003	BY088P LED20/NW OL	-
911401669103	BY088P LED20/WW OL	-

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
911401667203	BY088P LED40/CW	6500 K	3200 lm	40 W
911401667303	BY088P LED40/NW	4000 K	3200 lm	40 W
911401667403	BY088P LED40/WW	3000 K	3200 lm	40 W
911401668303	BY088P LED40/CW OL	6500 K	3200 lm	40 W
	OL			
911401668403	BY088P LED40/NW OL	4000 K	3200 lm	40 W
	OL			
911401668503	BY088P LED40/WW OL	3000 K	3200 lm	40 W
	OL			
911401667503	BY088P LED30/CW	6500 K	2400 lm	30 W
911401667603	BY088P LED30/NW	4000 K	2400 lm	30 W
911401667703	BY088P LED30/WW	3000 K	2400 lm	30 W
911401668603	BY088P LED30/CW OL	6500 K	2400 lm	30 W
	OL			

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
911401668703	BY088P LED30/NW OL	4000 K	2400 lm	30 W
	OL			
911401668803	BY088P LED30/WW OL	3000 K	2400 lm	30 W
	OL			
911401667803	BY088P LED20/CW	6500 K	1600 lm	20 W
911401667903	BY088P LED20/NW	4000 K	1600 lm	20 W
911401668003	BY088P LED20/WW	3000 K	1600 lm	20 W
911401668903	BY088P LED20/CW OL	6500 K	1600 lm	20 W
	OL			
911401669003	BY088P LED20/NW OL	4000 K	1600 lm	20 W
	OL			
911401669103	BY088P LED20/WW OL	3000 K	1600 lm	20 W
	OL			

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