



# **Essential SmartBright LowBay**

### BY088P LED40/CW OL

Essential SmartBright LowBay, 40 W, 3200 lm, 6500 K, 100°

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.

#### **Product data**

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	-
Warranty period	1 years
Flammability mark	For mounting on normally flammable
Flammability mark	For mounting on normally flammable surfaces
Flammability mark  ENEC mark	
	surfaces
ENEC mark	surfaces
ENEC mark Glow-wire test	surfaces  - Temperature 650 °C, duration 5 s
ENEC mark Glow-wire test	surfaces  - Temperature 650 °C, duration 5 s
ENEC mark Glow-wire test EU RoHS compliant	surfaces  - Temperature 650 °C, duration 5 s

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	≥80
Light source color	865 cool daylight
Optic type	Wide beam
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	100°
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	26 A
Inrush time	134.6 ms
Power Consumption	40 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires

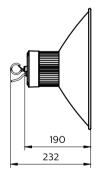
Datasheet, 2023, September 22 data subject to change

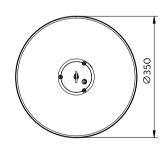
# **Essential SmartBright LowBay**

Cable	Cable 0.3 m without plug	
Number of products on MCB of 16 A type B 74		
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	Aluminum	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	-	
Housing Color	Gray and black	
Optical cover finish	Frosted	
Overall height	191 mm	
Overall diameter	350 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK03 [0.3 J]	

Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Median useful life L70B50	15,000 hour(s)	
Application Conditions		
Suitable for random switching	No	
Product Data		
Order product name	BY088P LED40/CW OL	
Full product name	BY088P LED40/CW OL	
Full product code	692382862550400	
Order code	911401668303	
Material Nr. (12NC)	911401668303	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	6923828625504	
Numerator - Packs per outer box	1	
EAN/UPC - Case	6923828625504	

# Dimensional drawing





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