



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

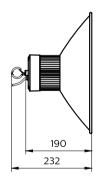
Datasheet, 2023, April 14 data subject to change

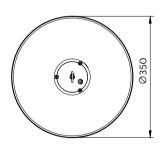
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Cable	Cable 0.3 m without plug	
Number of products on MCB of 16 A type B 74		
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
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 Parfaments (IEC Complicat)	
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Median useful life L70B50	15,000 hour(s)
Median useful the E70B30	13,000 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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