PHILIPS Lighting



Energy-efficient lighting for industrial and commercial applications

SmartBright Lowbay

A perfect LED replacement to CFL Lowbay systems, allowing you to brighten up factories, supermarkets, retail shops, and sports recreational spaces the smarter way.

Benefits

- · Energy Savings up to 55% comparing to CFL Lowbays
- Excellent lighting quality
- Safe & reliable performance

Features

- System efficacy 85lm/W
- Lifetime 25,000 hrs @L70
- Three dimension choices: provides hook and pipe installations for flexible mounting
- Two classic and stylish designs & three colours tailored for both industry and retail applications

Application

- Factories
- Warehouses
- Supermarkets

SmartBright Lowbay

Versions









BY158P LED16/LED21

BY158P LED33

BY118P LED16/LED21/LED33

Application Conditions	
Ambient temperature range	-20 to +40 °C
Maximum dim level	Not applicable
Approval and Application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220-240 V
General Information	
CE mark	CE mark
Protection class IEC	Safety class I (I)
Protection class IEC Optical cover/lens type	Safety class I (I) MLO-PC
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Optical cover/lens type	MLO-PC
Optical cover/lens type Driver included	MLO-PC
Optical cover/lens type Driver included ENEC mark	MLO-PC Yes -
Optical cover/lens type Driver included ENEC mark Flammability mark	MLO-PC Yes - NO
Optical cover/lens type Driver included ENEC mark Flammability mark Gear	MLO-PC Yes - NO -
Optical cover/lens type Driver included ENEC mark Flammability mark Gear Glow-wire test	MLO-PC Yes - NO - 650/30
Optical cover/lens type Driver included ENEC mark Flammability mark Gear Glow-wire test Light source replaceable	MLO-PC Yes - NO - 650/30 No
Optical cover/lens type Driver included ENEC mark Flammability mark Gear Glow-wire test Light source replaceable Number of gear units	MLO-PC Yes - NO - 650/30 No 1 unit
Optical cover/lens type Driver included ENEC mark Flammability mark Gear Glow-wire test Light source replaceable Number of gear units Optic type UL mark	MLO-PC Yes - NO - 650/30 No 1 unit WB
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General Information

Order Code	Full Product Name	Lamp family code
911401832299	BY158P LED16/WW PSU	LED17S
911401832499	BY158P LED16/CW PSU	LED17S
911401832699	BY158P LED21/CW PSU	LED23S
911401833099	BY158P LED33/CW PSU	LED34S
911401833399	BY118P LED16/CW PSU	LED17S
911401833899	BY118P LED33/NW PSU	LED34S
911401833799	BY118P LED33/WW PSU	LED34S

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial input power
911401832299	BY158P LED16/WW PSU	-	20 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial input power
911401832499	BY158P LED16/CW PSU	6500 K	20 W

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial input power
911401832699	BY158P LED21/CW PSU	6500 K	30 W
911401833099	BY158P LED33/CW PSU	6500 K	40 W
911401833399	BY118P LED16/CW PSU	6500 K	20 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial input power
911401833899	BY118P LED33/NW PSU	4000 K	40 W
911401833799	BY118P LED33/WW PSU	-	40 W



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