



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

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
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Operating and Electrical

Input Voltage	220-240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	MLO-PC
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB
UL mark	No

Initial Performance (IEC Compliant)

Initial chromaticity	-
Init. Colour Rendering Index	80
Luminous flux tolerance	+/-7.5%

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

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

