



# One solution fitting different interior spaces.

## FastSet, Surface Mounted

Upgrading to LED is a key trend in office applications. Recognizing the need for an easy to use luminaire that can work as the perfect 1:1 replacement of conventional office lighting, we developed FastSet. This luminaire is an ideal choice to quickly achieve the benefits of LED lighting since being the perfect 1:1 replacement, no additional lighting calculation is needed prior to the LED lighting installation. The luminaire simply fits into all different indoor applications. Moreover, it is available in both standalone and through-wiring versions, which makes the luminaires ready-to-connect at a later stage.

### Benefits

- Universal range, one luminaire appropriate for all types of installation1:1 replacement for conventional luminairesFast installation and high reliability

### Features

- One luminaire suitable for standalone installation and for connected luminaires via through-wiring optionLuminaire can be used as standalone application but also in a line of luminaires by simply adding luminaires No lighting calculation needed when replacing conventional luminaire with FastSet IP44-ratedPhilips branded luminaire

### Application

- Office buildingsEducational spacesGarages, interior parking spaces

### Specifications

---

Ambient Temperature 0 to +35 °C

---

Beam angle lightsource 116 °

---

## FastSet, Surface Mounted

Main color of the Luminaire	White
Connection	Connection unit 5-pole (Connection unit 5-pole)
Driver failure rate at 5000 h in %	1 %
Initial correlated color temperature	3000, 4000 K
Initial input power	20, 35, 45, 55 W
Initial LED luminaire efficacy	106, 107, 109, 120 lm/W
Initial luminous flux	2400, 3700, 4800, 6000 lm

Input frequency	50 to 60 Hz
Input voltage	220-240 V
Inrush current (A)	8 A
Light source color	830 warm white, 840 neutral white
Material	Housing: metal
Median Useful Life L70B50	50000 h
Median Useful Life L80B50	30000 h
Median Useful Life L90B50	15000 h

### Versions

840 neutral white - Power supply unit - Connection unit 5-pole



840 neutral white - Power supply unit - Connection unit 5-pole



### Product details

FastSet-SM150C-4DPP.TIF



FastSet-SM150C-5DPP.TIF



FastSet-SM150C-6DPP.TIF



FastSet-SM150C-1DPP.TIF



# FastSet, Surface Mounted

## Product details

FastSet-SM150C-2DPP.TIF



FastSet-SM150C-7DPP.TIF



FastSet-SM150C-8DPP.TIF



FastSet-SM150C-9DPP.TIF



FastSet-SM150C-3DPP.TIF



## FastSet, Surface Mounted

### Application Conditions

Ambient temperature range	0 to +35 °C
Suitable for random switching	Not applicable

### Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP44

### Controls and Dimming

Dimmable	No
----------	----

### Operating and Electrical

Input Voltage	220-240 V
---------------	-----------

### General Information

Beam angle of light source	116 °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	850/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB

### Initial Performance (IEC Compliant)

Init. Color Rendering Index	≥80
Luminous flux tolerance	+/-10%

### Mechanical and Housing

Color	White
-------	-------

### Application Conditions

Order Code	Full Product Name	Maximum dim level
38123399	SM150C LED24S/840 PSU TW3 PI5 L602	-
38124099	SM150C LED24S/830 PSU TW3 PI5 L602	-
38125799	SM150C LED48S/840 PSU TW3 PI5 L1160	-
38126499	SM150C LED48S/830 PSU TW3 PI5 L1160	-
38127199	SM150C LED60S/840 PSU TW3 PI5 L1440	-
38128899	SM150C LED60S/830 PSU TW3 PI5 L1440	-
38493799	SM150C LED37S/840 PSU TW3 PI5 L1440	Not applicable

### Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
38123399	SM150C LED24S/840 PSU TW3 PI5 L602	(0.3828, 0.3803)	4000 K	120 lm/W	2400 lm
38124099	SM150C LED24S/830 PSU TW3 PI5 L602	(0.4344, 0.4032)	3000 K	120 lm/W	2400 lm
38125799	SM150C LED48S/840 PSU TW3 PI5 L1160	(0.3828, 0.3803)	4000 K	107 lm/W	4800 lm
38126499	SM150C LED48S/830 PSU TW3 PI5 L1160	(0.4344, 0.4032)	3000 K	107 lm/W	4800 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
38127199	SM150C LED60S/840 PSU TW3 PI5 L1440	(0.3828, 0.3803)	4000 K	109 lm/W	6000 lm
38128899	SM150C LED60S/830 PSU TW3 PI5 L1440	(0.4344, 0.4032)	3000 K	109 lm/W	6000 lm
38493799	SM150C LED37S/840 PSU TW3 PI5 L1440	(0.3828, 0.3803)	4000 K	106 lm/W	3700 lm

## FastSet, Surface Mounted

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
38123399	SM150C LED24S/840 PSU TW3 PI5 L602	20 W
38124099	SM150C LED24S/830 PSU TW3 PI5 L602	20 W
38125799	SM150C LED48S/840 PSU TW3 PI5 L1160	45 W
38126499	SM150C LED48S/830 PSU TW3 PI5 L1160	45 W

Order Code	Full Product Name	Initial input power
38127199	SM150C LED60S/840 PSU TW3 PI5 L1440	55 W
38128899	SM150C LED60S/830 PSU TW3 PI5 L1440	55 W
38493799	SM150C LED37S/840 PSU TW3 PI5 L1440	35 W

