



# Philips CoreLine surface-mounted: easy installation, excellent illumination

## CoreLine surface-mounted

Philips CoreLine surface-mounted light fixtures deliver on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. These high-quality LEDs are designed to replace existing surface-mounted luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving surface LED light solution. With a quick-connector feature, our SM136V surface-mounted luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

### Benefits

- MultiLumen: the choice of different lumen outputs in one single luminaire
- New connector offers quick and simple installation
- Energy savings and longer lifetime to reduce operating costs

## CoreLine surface-mounted

### Features

- MultiLumen: different lumen outputs ranging from 2800 lumen to 4300 lumen in one single luminaire
- Easy connector for faster installation: quick connector or Wieland connector
- Energy efficient and long lifetime: up to 140 lm/W and 50,000 hours @L80 lifetime
- Many flicker-free drivers available: On/off (PSU), dimming (Dali) and integrated wireless connectivity (Interact Ready)
- Office compliant versions (OC) & Non-office compliant versions (NOC)
- High lumen available: up to 6000 lm (OC)
- Optional versions available: Emergency Lighting (EL) & Wieland connectors (W)

### Application

- Offices
- Healthcare
- Education

### Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

### Versions

SM136V 31S\_37S\_43S\_840 PSU  
W20L150 OC\_SPP



SM136V 31S\_37S\_43S\_840 PSU  
W20L120 NOC\_SPP



SM136V 28S\_34S\_40S\_830 PSU  
W20L120 NOC\_SPP



SM136V 31S\_37S\_43S\_840 PSD  
W20L150 OC\_SPP



# CoreLine surface-mounted

## Versions

SM136V 31S\_37S\_43S\_840 PSD  
W20L120 OC\_SPP



SM136V 31S\_37S\_43S\_840 PSU  
W20L120 OC\_SPP



SM136V 28S\_34S\_40S\_830 PSU  
W20L150 NOC\_SPP



SM136V 31S\_37S\_43S\_840 PSU  
W20L150 NOC\_SPP



SM136V 28S\_34S\_40S\_830 PSD  
W20L150 OC\_SPP



SM136V 31S\_37S\_43S\_840 PSD  
W20L120 NOC\_SPP

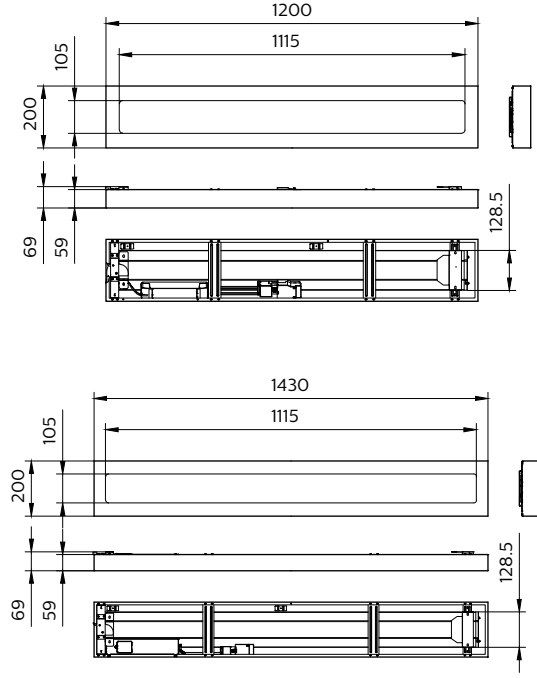
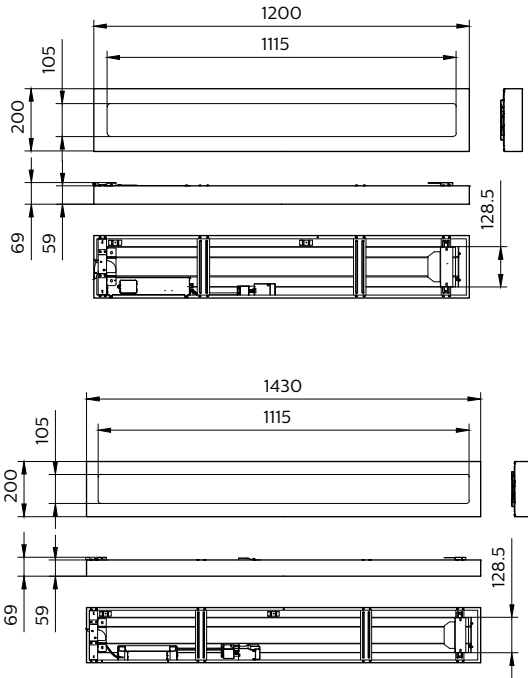


SM136V 28S\_34S\_40S\_830 PSD  
W20L120 OC\_SPP



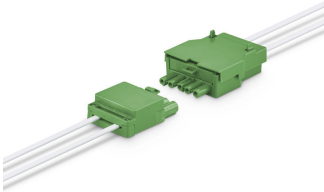
# CoreLine surface-mounted

## Dimensional drawing



## Product details

CoreLine Recessed connector PSD (dali)



CoreLine Surface-mounted Mounting clip



CoreLine Surface-mounted backside with PSD (Dali) driver and Wieland (W5) connector

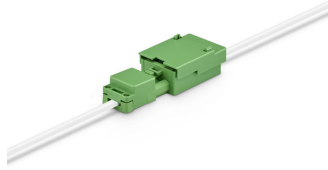


CoreLine Recessed connector PSU (On/Off)



# CoreLine surface-mounted

## Product details



CoreLine Recessed connector PSU (On/Off)



CoreLine Surface-mounted Mounting clip



CoreLine\_Surface-mounted-SM136V\_20x120



CoreLine Surface-mounted backside with PSD (Dali) driver and connector



CoreLine Surface-mounted edge



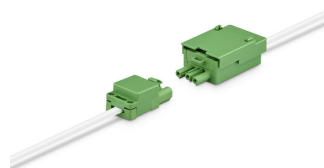
CoreLine\_Surface-mounted-SM136V\_20x150



CoreLine Surface-mounted Backside PSD (dali) driver 20x120



CoreLine Surface-mounted Mounting bracket



CoreLine Recessed connector PSU (On/Off)

# CoreLine surface-mounted

## Product details



CoreLine Surface-mounted PSU  
(On/OFF) driver



CoreLine Surface-mounted  
Backside PSU (On/Off) driver  
20x150

### General Information

CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

### Light Technical

Color rendering index (CRI)	≥80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

### Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

### Mechanical and Housing

Housing Color	White
---------------	-------

### Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20/44

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
-------------------------	--------

### Application Conditions

Suitable for random switching	Yes
-------------------------------	-----

### General Information

Order Code	Full Product Name	Product family code	Service tag
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	SM136V	No
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	SM136V	No
911401897081	SM136V 40S/830 WIA W20L150 OC	-	-
911401897181	SM136V 43S/840 WIA W20L150 OC	-	-
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	-	No
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	-	No
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	-	No
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	-	No
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	-	No
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	-	No
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	-	No
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	-	No
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	-	No
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	SM136V	No
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	SM136V	No
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	SM136V	No
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	SM136V	No
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	SM136V	No
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	SM136V	No
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	SM136V	No
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	SM136V	No
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	SM136V	No
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	SM136V	No
911401808485	SM136V 60S/840 PSU W20L120 OC	-	-
911401808585	SM136V 60S/840 PSD W20L120 OC	-	-
911401867782	SM136V 40S/830 WIA W20L120 OC W3	-	-
911401867882	SM136V 43S/840 WIA W20L120 OC W3	-	-
911401896881	SM136V 40S/830 WIA W20L120 OC	-	-
911401896981	SM136V 43S/840 WIA W20L120 OC	-	-
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	-	No
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	-	No

## Light Technical (1/2)

## CoreLine surface-mounted

Order Code	Full Product Name	All-in Type	Correlated Color	Luminous Efficacy (rated)	Luminous Flux	Order Code	Full Product Name	All-in Type	Correlated Color	Luminous Efficacy (rated)	Luminous Flux
			Temperature (Nom)	(Nom)	(Nom)				Temperature (Nom)	(Nom)	(Nom)
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	All-in, Multi Lumen	4000 K	126 lm/W	3,100 lm	910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	All-in, Multi Lumen	4000 K	126 lm/W	3,100 lm	910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm
911401897081	SM136V 40S/830 WIA W20L150 OC	-	3000 K	135 lm/W	4,000 lm	910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	All-in, Multi Lumen	3000 K	130 lm/W	2,800 lm
911401897181	SM136V 43S/840 WIA W20L150 OC	-	4000 K	140 lm/W	4,300 lm	910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	All-in, Multi Lumen	3000 K	130 lm/W	2,800 lm
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm	910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm	910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	All-in, Multi Lumen	3000 K	130 lm/W	2,800 lm	910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	All-in, Multi Lumen	4000 K	126 lm/W	3,100 lm
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm	910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	All-in, Multi Lumen	4000 K	126 lm/W	3,100 lm
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm	911401808485	SM136V 60S/840 PSU W20L120 OC	-	4000 K	135 lm/W	6,000 lm
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm	911401808585	SM136V 60S/840 PSD W20L120 OC	-	4000 K	135 lm/W	6,000 lm
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	All-in, Multi Lumen	3000 K	130 lm/W	2,800 lm	911401867782	SM136V 40S/830 WIA W20L120 OC W3	-	3000 K	135 lm/W	4,000 lm
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm	911401867882	SM136V 43S/840 WIA W20L120 OC W3	-	4000 K	140 lm/W	4,300 lm
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	All-in, Multi Lumen	3000 K	130 lm/W	2,800 lm	911401896881	SM136V 40S/830 WIA W20L120 OC	-	3000 K	135 lm/W	4,000 lm
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	All-in, Multi Lumen	4000 K	126 lm/W	3,100 lm	911401896981	SM136V 43S/840 WIA W20L120 OC	-	4000 K	140 lm/W	4,300 lm
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	All-in, Multi Lumen	4000 K	126 lm/W	3,100 lm	911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	All-in, Multi Lumen	4000 K	140 lm/W	3,100 lm
						911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	All-in, Multi Lumen	3000 K	130 lm/W	2,800 lm

### Light Technical (2/2)

Order Code	Full Product Name	Optic type	Order Code	Full Product Name	Optic type
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	Wide beam	911401897081	SM136V 40S/830 WIA W20L150 OC	Beam angle 84°
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	Wide beam	911401897181	SM136V 43S/840 WIA W20L150 OC	Beam angle 84°

## CoreLine surface-mounted

Order Code	Full Product Name	Optic type
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	Beam angle 84°
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	Beam angle 100°
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	Beam angle 100°
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	Beam angle 84°
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	Beam angle 84°
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	Beam angle 84°
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	Beam angle 100°
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	Beam angle 100°
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	Beam angle 84°
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	Wide beam
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	Wide beam
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	Wide beam
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	Wide beam
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	Wide beam

Order Code	Full Product Name	Optic type
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	Wide beam
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	Wide beam
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	Wide beam
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	Wide beam
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	Wide beam
911401808485	SM136V 60S/840 PSU W20L120 OC	Beam angle 84°
911401808585	SM136V 60S/840 PSD W20L120 OC	Beam angle 84°
911401867782	SM136V 40S/830 WIA W20L120 OC W3	Beam angle 84°
911401867882	SM136V 43S/840 WIA W20L120 OC W3	Beam angle 84°
911401896881	SM136V 40S/830 WIA W20L120 OC	Beam angle 84°
911401896981	SM136V 43S/840 WIA W20L120 OC	Beam angle 84°
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	Beam angle 100°
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	Beam angle 84°

### Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	34 W
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	34 W
911401897081	SM136V 40S/830 WIA W20L150 OC	31 W
911401897181	SM136V 43S/840 WIA W20L150 OC	31 W
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	31 W
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	31 W
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	31 W
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	31 W
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	31 W
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	31 W
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	31 W
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	31 W
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	31 W
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	34 W
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	34 W
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	31 W
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	31 W

Order Code	Full Product Name	Power Consumption
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	31 W
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	31 W
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	31 W
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	31 W
910505101258	SM136V 31S_37S_43S/ 840PSDW20L120OCELB3W5	34 W
910505101259	SM136V 31S_37S_43S/ 840PSUW20L120OCELB3W3	34 W
911401808485	SM136V 60S/840 PSU W20L120 OC	44 W
911401808585	SM136V 60S/840 PSD W20L120 OC	44 W
911401867782	SM136V 40S/830 WIA W20L120 OC W3	31 W
911401867882	SM136V 43S/840 WIA W20L120 OC W3	31 W
911401896881	SM136V 40S/830 WIA W20L120 OC	31 W
911401896981	SM136V 43S/840 WIA W20L120 OC	31 W
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	31 W
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	31 W

### Temperature

Order Code	Full Product Name	Ambient temperature range
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	0 to +25 °C
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	0 to +25 °C
911401897081	SM136V 40S/830 WIA W20L150 OC	-10 to +40 °C
911401897181	SM136V 43S/840 WIA W20L150 OC	-10 to +40 °C
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	-10 to +40 °C
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	-10 to +40 °C
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	-10 to +40 °C
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	-10 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	-10 to +40 °C
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	-10 to +40 °C
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	-10 to +40 °C
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	-10 to +40 °C
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	-10 to +40 °C
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	0 to +25 °C
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	0 to +25 °C



## CoreLine surface-mounted

Order Code	Full Product Name	Ambient temperature range
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	-10 to +40 °C
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	-10 to +40 °C
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	-10 to +40 °C
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	-10 to +40 °C
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	-10 to +40 °C
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	-10 to +40 °C

Order Code	Full Product Name	Ambient temperature range
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	0 to +25 °C
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	0 to +25 °C
911401808485	SM136V 60S/840 PSU W20L120 OC	-10 to +35 °C
911401808585	SM136V 60S/840 PSD W20L120 OC	-10 to +35 °C
911401867782	SM136V 40S/830 WIA W20L120 OC W3	-10 to +40 °C
911401867882	SM136V 43S/840 WIA W20L120 OC W3	-10 to +40 °C
911401896881	SM136V 40S/830 WIA W20L120 OC	-10 to +40 °C
911401896981	SM136V 43S/840 WIA W20L120 OC	-10 to +40 °C
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	-10 to +40 °C
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	-10 to +40 °C

### Controls and Dimming

Order Code	Full Product Name	Dimmable
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	Yes
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	No
911401897081	SM136V 40S/830 WIA W20L150 OC	Yes
911401897181	SM136V 43S/840 WIA W20L150 OC	Yes
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	No
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	No
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	No
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	Yes
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	Yes
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	No
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	No
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	No
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	Yes
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	No
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	Yes
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	Yes

Order Code	Full Product Name	Dimmable
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	No
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	No
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	Yes
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	No
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	Yes
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	Yes
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	No
911401808485	SM136V 60S/840 PSU W20L120 OC	No
911401808585	SM136V 60S/840 PSD W20L120 OC	Yes
911401867782	SM136V 40S/830 WIA W20L120 OC W3	Yes
911401867882	SM136V 43S/840 WIA W20L120 OC W3	Yes
911401896881	SM136V 40S/830 WIA W20L120 OC	Yes
911401896981	SM136V 43S/840 WIA W20L120 OC	Yes
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	Yes
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	Yes

### Approval and Application

Order Code	Full Product Name	Protection class IEC
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	Safety class II
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	Safety class I
911401897081	SM136V 40S/830 WIA W20L150 OC	Safety class II
911401897181	SM136V 43S/840 WIA W20L150 OC	Safety class II
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	Safety class I
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	Safety class I
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	Safety class I
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	Safety class II
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	Safety class II
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	Safety class I
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	Safety class I
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	Safety class I
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	Safety class II
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	Safety class I

Order Code	Full Product Name	Protection class IEC
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	Safety class II
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	Safety class II
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	Safety class I
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	Safety class I
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	Safety class II
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	Safety class I
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	Safety class II
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	Safety class II
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	Safety class I
911401808485	SM136V 60S/840 PSU W20L120 OC	Safety class II
911401808585	SM136V 60S/840 PSD W20L120 OC	Safety class II
911401867782	SM136V 40S/830 WIA W20L120 OC W3	Safety class II

## CoreLine surface-mounted

Order Code	Full Product Name	Protection class IEC
911401867882	SM136V 43S/840 WIA W20L120 OC W3	Safety class II
911401896881	SM136V 40S/830 WIA W20L120 OC	Safety class II
911401896981	SM136V 43S/840 WIA W20L120 OC	Safety class II

Order Code	Full Product Name	Protection class IEC
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	Safety class II
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	Safety class II

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	(0.38, 0.38) SDCM ≤3
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	(0.38, 0.38) SDCM ≤3
911401897081	SM136V 40S/830 WIA W20L150 OC	(0.43, 0.40) SDCM ≤3
911401897181	SM136V 43S/840 WIA W20L150 OC	(0.38, 0.38) SDCM ≤3
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	(0.38, 0.38) SDCM ≤3
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	(0.38, 0.38) SDCM ≤3
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	(0.43, 0.40) SDCM ≤3
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	(0.38, 0.38) SDCM ≤3
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	(0.38, 0.38) SDCM ≤3
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	(0.38, 0.38) SDCM ≤3
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	(0.43, 0.40) SDCM ≤3
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	(0.38, 0.38) SDCM ≤3
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	(0.43, 0.40) SDCM ≤3
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	(0.38, 0.38) SDCM ≤3
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	(0.38, 0.38) SDCM ≤3
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	(0.38, 0.38) SDCM ≤3

Order Code	Full Product Name	Initial chromaticity
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	(0.38, 0.38) SDCM ≤3
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	(0.43, 0.40) SDCM ≤3
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	(0.43, 0.40) SDCM ≤3
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	(0.38, 0.38) SDCM ≤3
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	(0.38, 0.38) SDCM ≤3
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	(0.38, 0.38) SDCM ≤3
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	(0.38, 0.38) SDCM ≤3
911401808485	SM136V 60S/840 PSU W20L120 OC	(0.38, 0.38) SDCM ≤3
911401808585	SM136V 60S/840 PSD W20L120 OC	(0.38, 0.38) SDCM ≤3
911401867782	SM136V 40S/830 WIA W20L120 OC W3	(0.43, 0.40) SDCM ≤3
911401867882	SM136V 43S/840 WIA W20L120 OC W3	(0.38, 0.38) SDCM ≤3
911401896881	SM136V 40S/830 WIA W20L120 OC	(0.43, 0.40) SDCM ≤3
911401896981	SM136V 43S/840 WIA W20L120 OC	(0.38, 0.38) SDCM ≤3
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	(0.38, 0.38) SDCM ≤3
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	(0.43, 0.40) SDCM ≤3

### Application Conditions

Order Code	Full Product Name	Maximum dim level
910505101248	SM136V 31S_37S_43S/840 PSD W20L150OCELB3	3%
910505101249	SM136V 31S_37S_43S/840 PSUW20L150NOCELB3	-
911401897081	SM136V 40S/830 WIA W20L150 OC	1%
911401897181	SM136V 43S/840 WIA W20L150 OC	1%
911401882481	SM136V 31S_37S_43S/840 PSU W20L150 OC	-
911401881781	SM136V 31S_37S_43S/840 PSU W20L120 NOC	-
911401881681	SM136V 28S_34S_40S/830 PSU W20L120 NOC	-
911401882681	SM136V 31S_37S_43S/840 PSD W20L150 OC	3%
911401882181	SM136V 31S_37S_43S/840 PSD W20L120 OC	3%
911401881881	SM136V 31S_37S_43S/840 PSU W20L120 OC	-
911401882281	SM136V 28S_34S_40S/830 PSU W20L150 NOC	-
911401882381	SM136V 31S_37S_43S/840 PSU W20L150 NOC	-
911401882581	SM136V 28S_34S_40S/830 PSD W20L150 OC	3%
910505101246	SM136V 31S_37S_43S/840 PSUW20L120NOCELB3	-
910505101247	SM136V 31S_37S_43S/840 PSD W20L120OCELB3	3%
910505101250	SM136V 31S_37S_43S/840 PSD W20L120 OC W5	3%

Order Code	Full Product Name	Maximum dim level
910505101251	SM136V 31S_37S_43S/840 PSU W20L120 NOCW3	-
910505101252	SM136V 28S_34S_40S/830 PSU W20L120 NOCW3	-
910505101253	SM136V 28S_34S_40S/830 PSD W20L120 OC W5	3%
910505101254	SM136V 31S_37S_43S/840 PSU W20L120 OC W3	-
910505101255	SM136V 31S_37S_43S/840 PSD W20L120 NOCW5	3%
910505101258	SM136V 31S_37S_43S/840PSDW20L120OCELB3W5	3%
910505101259	SM136V 31S_37S_43S/840PSUW20L120OCELB3W3	-
911401808485	SM136V 60S/840 PSU W20L120 OC	-
911401808585	SM136V 60S/840 PSD W20L120 OC	3%
911401867782	SM136V 40S/830 WIA W20L120 OC W3	1%
911401867882	SM136V 43S/840 WIA W20L120 OC W3	1%
911401896881	SM136V 40S/830 WIA W20L120 OC	1%
911401896981	SM136V 43S/840 WIA W20L120 OC	1%
911401881981	SM136V 31S_37S_43S/840 PSD W20L120 NOC	3%
911401882081	SM136V 28S_34S_40S/830 PSD W20L120 OC	3%

## CoreLine surface-mounted

