



CoreLine Wall-mounted – the clear choice for LED

CoreLine Wall-mounted

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Benefits

- Up to 55% energy savings compared with luminaires with PL-C lamps
- Direct replacement for traditional wall-mounted luminaires
- Complete range covering all application requirements in one product (light levels, IP65, IK10, certified emergency lighting, built-in controls)

Features

- Unobtrusive design
- Three lumen packages replacing traditional wall-mounted luminaires with 1x18 W / 2x18 W / 2x26 W PL-C
- Water- and vandal-proof as standard
- Phase-cut dimming as standard
- Frosted diffuser ensuring homogeneous light effect and visual comfort
- Optional emergency lighting
- Optional on/off movement detection or programmed 100%-10%-0% corridor dimming functionality

CoreLine Wall-mounted

Application

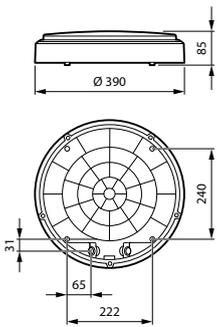
- Corridors
- Staircases
- Public entrance areas
- Bathrooms
- Emergency exits
- Parking garages
- Outdoor safety lighting

Versions



CoreLine wall-mounted WL140V All-in

Dimensional drawing



Product details



CoreLine Wall-mounted WL140V
Rim Black



CoreLine Wall-mounted WL140V
Rim Grey

CoreLine Wall-mounted

Product details



CoreLine Wall-mounted WL140V
Wall-mounted Black



CoreLine Wall-mounted WL140V
Wall-mounted PSU



CoreLine Wall-mounted WL140V
Ceiling-mounted Grey



CoreLine Wall-mounted WL140V
Ceiling-mounted Black



CoreLine Wall-mounted WL140V
Wall-mounted White with Half-
moon Accessory



CoreLine Wall-mounted WL140V
Wall-mounted Grey with Half-
moon Accessory



CoreLine Wall-mounted WL140V
Top View (with screw locations)



CoreLine Wall-mounted WL140V
Wall-mounted Switchable Lumen
& CCT

CoreLine Wall-mounted

Product details



CoreLine Wall-mounted WL140V
Half-moon Accessory Black



CoreLine Wall-mounted WL140V
Half-moon Accessory Grey



CoreLine Wall-mounted WL140V
Ceiling-mounted



CoreLine Wall-mounted WL140V
Wall-mounted PSR MDU



CoreLine Wall-mounted WL140V
Wall-mounted Grey



CoreLine Wall-mounted WL140V
Half-moon Accessory White



Coreline Wall-mounted WL140V
Top View

CoreLine Wall-mounted

General Information

CE mark	Yes
Driver included	Yes
Flammability mark	-
Glow-wire test	Temperature 850 °C, duration 30 s
Number of gear units	1 unit

Light Technical

Beam angle of light source	120 degree(s)
Color rendering index (CRI)	>80
Optic type	Symmetrical
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6

Operating and Electrical

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

Mechanical and Housing

Housing Color	White
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Approval and Application

Protection class IEC	Safety class II
Mech. impact protection code	IK10
Ingress protection code	IP65

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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General Information (1/2)

Order Code	Full Product Name	Type of emergency lighting		Embedded control	Light source replaceable
		battery	ENEC mark		
52879699	WL140V LED12_20S/827_830_840 PSU WH	-	ENEC mark	-	Yes
52880299	WL140V LED20_34S/827_830_840 PSU WH	-	ENEC mark	-	Yes
97848800	WL140V LED12S/830 PSED WH	Lithium	-	-	No
97849500	WL140V LED12S/840 PSED WH	Lithium	-	-	No
97852500	WL140V LED20S/830 PSED WH	Lithium	-	-	No
97853200	WL140V LED20S/840 PSED WH	Lithium	-	-	No
97857000	WL140V LED34S/840 PSED WH	Lithium	-	-	No
97860000	WL140V LED20S/830 WIA WH	-	-	-	No
97862400	WL140V LED34S/830 WIA WH	-	-	-	No
97869300	WL140V LED20S/840 PSED ELB3 WH	Lithium	-	-	No
97873000	WL140V LED34S/840 PSED ELB3 WH	Lithium	-	-	No
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	Lithium	-	Programmable movement and light sensor with wireless grouping	No
52871099	WL140V LED12S/830 PSU WH	-	ENEC mark	-	Yes
52872799	WL140V LED12S/840 PSU WH	-	ENEC mark	-	Yes
52873499	WL140V LED20S/830 PSU WH	-	ENEC mark	-	Yes
52874199	WL140V LED20S/840 PSU WH	-	ENEC mark	-	Yes
52875899	WL140V LED34S/830 PSU WH	-	ENEC mark	-	Yes
52876599	WL140V LED34S/840 PSU WH	-	ENEC mark	-	Yes
52877299	WL140V LED20S/830 PSU MDU WH	-	ENEC mark	Programmable movement and light sensor	Yes
52878999	WL140V LED20S/840 PSU MDU WH	-	ENEC mark	Programmable movement and light sensor	Yes
53082999	WL140V LED12S/830 PSR MDU WH	-	ENEC mark	Programmable movement and light sensor with wireless grouping	Yes

CoreLine Wall-mounted

Order Code	Full Product Name	Type of emergency lighting		Embedded control	Light source replaceable
		battery	ENEC mark		
53083699	WL140V LED12S/840 PSR MDU WH	-	ENEC mark	Programmable movement and light sensor with wireless grouping	Yes
53084399	WL140V LED20S/830 PSR MDU WH	-	ENEC mark	Programmable movement and light sensor with wireless grouping	Yes
53085099	WL140V LED20S/840 PSR MDU WH	-	ENEC mark	Programmable movement and light sensor with wireless grouping	Yes
53086799	WL140V LED34S/830 PSR MDU WH	-	ENEC mark	Programmable movement and light sensor with wireless grouping	Yes
53087499	WL140V LED34S/840 PSR MDU WH	-	ENEC mark	Programmable movement and light sensor with wireless grouping	Yes

General Information (2/2)

Order Code	Full Product Name	Product family code
52879699	WL140V LED12_20S/827_830_840 PSU WH	-
52880299	WL140V LED20_34S/827_830_840 PSU WH	-
97848800	WL140V LED12S/830 PSED WH	WL140V
97849500	WL140V LED12S/840 PSED WH	WL140V
97852500	WL140V LED20S/830 PSED WH	WL140V
97853200	WL140V LED20S/840 PSED WH	WL140V
97857000	WL140V LED34S/840 PSED WH	WL140V
97860000	WL140V LED20S/830 WIA WH	WL140V
97862400	WL140V LED34S/830 WIA WH	WL140V
97869300	WL140V LED20S/840 PSED ELB3 WH	WL140V
97873000	WL140V LED34S/840 PSED ELB3 WH	WL140V
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	WL140V
52871099	WL140V LED12S/830 PSU WH	-

Order Code	Full Product Name	Product family code
52872799	WL140V LED12S/840 PSU WH	-
52873499	WL140V LED20S/830 PSU WH	-
52874199	WL140V LED20S/840 PSU WH	-
52875899	WL140V LED34S/830 PSU WH	-
52876599	WL140V LED34S/840 PSU WH	-
52877299	WL140V LED20S/830 PSU MDU WH	-
52878999	WL140V LED20S/840 PSU MDU WH	-
53082999	WL140V LED12S/830 PSR MDU WH	-
53083699	WL140V LED12S/840 PSR MDU WH	-
53084399	WL140V LED20S/830 PSR MDU WH	-
53085099	WL140V LED20S/840 PSR MDU WH	-
53086799	WL140V LED34S/830 PSR MDU WH	-
53087499	WL140V LED34S/840 PSR MDU WH	-

Light Technical

Order Code	Full Product Name	"All-in" Type	Correlated Color Temperature	Luminous Efficacy	Luminous Flux
			(Nom)	(rated)	(Nom)
52879699	WL140V LED12_20S/827_830_840 PSU WH	"All-in" Multi Lumen and Multi Color Temperature	2700 K	100 lm/W	1,200 lm

Order Code	Full Product Name	"All-in" Type	Correlated Color Temperature	Luminous Efficacy	Luminous Flux
			(Nom)	(rated)	(Nom)
52880299	WL140V LED20_34S/827_830_840 PSU WH	"All-in" Multi Lumen and Multi Color Temperature	2700 K	100 lm/W	2,000 lm

CoreLine Wall-mounted

Order Code	Full Product Name	"All-in" Type	Correlated Color	Luminous Efficacy	Luminous Flux
			Temperature (Nom)	(rated) (Nom)	
97848800	WL140V LED12S/830 PSED WH	-	3000 K	88 lm/W	1,200 lm
97849500	WL140V LED12S/840 PSED WH	-	4000 K	92 lm/W	1,250 lm
97852500	WL140V LED20S/830 PSED WH	-	3000 K	95 lm/W	2,100 lm
97853200	WL140V LED20S/840 PSED WH	-	4000 K	100 lm/W	2,200 lm
97857000	WL140V LED34S/840 PSED WH	-	4000 K	95 lm/W	3,400 lm
97860000	WL140V LED20S/830 WIA WH	-	3000 K	95 lm/W	2,100 lm
97862400	WL140V LED34S/830 WIA WH	-	3000 K	94 lm/W	3,350 lm
97869300	WL140V LED20S/840 PSED ELB3 WH	-	4000 K	88 lm/W	2,200 lm
97873000	WL140V LED34S/840 PSED ELB3 WH	-	4000 K	88 lm/W	3,400 lm
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	-	4000 K	80 lm/W	3,100 lm
52871099	WL140V LED12S/830 PSU WH	-	3000 K	105 lm/W	1,275 lm
52872799	WL140V LED12S/840 PSU WH	-	4000 K	110 lm/W	1,350 lm

Order Code	Full Product Name	"All-in" Type	Correlated Color	Luminous Efficacy	Luminous Flux
			Temperature (Nom)	(rated) (Nom)	
52873499	WL140V LED20S/830 PSU WH	-	3000 K	105 lm/W	2,100 lm
52874199	WL140V LED20S/840 PSU WH	-	4000 K	110 lm/W	2,200 lm
52875899	WL140V LED34S/830 PSU WH	-	3000 K	105 lm/W	3,400 lm
52876599	WL140V LED34S/840 PSU WH	-	4000 K	110 lm/W	3,550 lm
52877299	WL140V LED20S/830 PSU MDU WH	-	3000 K	95 lm/W	1,850 lm
52878999	WL140V LED20S/840 PSU MDU WH	-	4000 K	100 lm/W	1,950 lm
53082999	WL140V LED12S/830 PSR MDU WH	-	3000 K	90 lm/W	1,200 lm
53083699	WL140V LED12S/840 PSR MDU WH	-	4000 K	95 lm/W	1,250 lm
53084399	WL140V LED20S/830 PSR MDU WH	-	3000 K	90 lm/W	2,100 lm
53085099	WL140V LED20S/840 PSR MDU WH	-	4000 K	95 lm/W	2,200 lm
53086799	WL140V LED34S/830 PSR MDU WH	-	3000 K	98 lm/W	2,950 lm
53087499	WL140V LED34S/840 PSR MDU WH	-	4000 K	103 lm/W	3,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
52879699	WL140V LED12_20S/827_830_840 PSU WH	20 W
52880299	WL140V LED20_34S/827_830_840 PSU WH	33 W
97848800	WL140V LED12S/830 PSED WH	13.5 W
97849500	WL140V LED12S/840 PSED WH	13.5 W
97852500	WL140V LED20S/830 PSED WH	22 W
97853200	WL140V LED20S/840 PSED WH	22 W
97857000	WL140V LED34S/840 PSED WH	35.5 W
97860000	WL140V LED20S/830 WIA WH	22 W
97862400	WL140V LED34S/830 WIA WH	35.5 W

Order Code	Full Product Name	Power Consumption
97869300	WL140V LED20S/840 PSED ELB3 WH	25 W
97873000	WL140V LED34S/840 PSED ELB3 WH	38.5 W
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	38.5 W
52871099	WL140V LED12S/830 PSU WH	12 W
52872799	WL140V LED12S/840 PSU WH	12 W
52873499	WL140V LED20S/830 PSU WH	20 W
52874199	WL140V LED20S/840 PSU WH	20 W
52875899	WL140V LED34S/830 PSU WH	32 W
52876599	WL140V LED34S/840 PSU WH	32 W

CoreLine Wall-mounted

Order Code	Full Product Name	Power Consumption
52877299	WL140V LED20S/830 PSU MDU WH	19 W
52878999	WL140V LED20S/840 PSU MDU WH	19 W
53082999	WL140V LED12S/830 PSR MDU WH	13 W
53083699	WL140V LED12S/840 PSR MDU WH	13 W

Order Code	Full Product Name	Power Consumption
53084399	WL140V LED20S/830 PSR MDU WH	23 W
53085099	WL140V LED20S/840 PSR MDU WH	23 W
53086799	WL140V LED34S/830 PSR MDU WH	30 W
53087499	WL140V LED34S/840 PSR MDU WH	30 W

Temperature

Order Code	Full Product Name	Ambient temperature range
52879699	WL140V LED12_20S/827_830_840 PSU WH	-20 to +40 °C
52880299	WL140V LED20_34S/827_830_840 PSU WH	-20 to +40 °C
97848800	WL140V LED12S/830 PSED WH	0 to +25 °C
97849500	WL140V LED12S/840 PSED WH	0 to +25 °C
97852500	WL140V LED20S/830 PSED WH	0 to +25 °C
97853200	WL140V LED20S/840 PSED WH	0 to +25 °C
97857000	WL140V LED34S/840 PSED WH	0 to +25 °C
97860000	WL140V LED20S/830 WIA WH	-20 to +35 °C
97862400	WL140V LED34S/830 WIA WH	-20 to +35 °C
97869300	WL140V LED20S/840 PSED ELB3 WH	0 to +25 °C
97873000	WL140V LED34S/840 PSED ELB3 WH	0 to +25 °C
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	0 to +25 °C
52871099	WL140V LED12S/830 PSU WH	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
52872799	WL140V LED12S/840 PSU WH	-20 to +40 °C
52873499	WL140V LED20S/830 PSU WH	-20 to +40 °C
52874199	WL140V LED20S/840 PSU WH	-20 to +40 °C
52875899	WL140V LED34S/830 PSU WH	-20 to +40 °C
52876599	WL140V LED34S/840 PSU WH	-20 to +40 °C
52877299	WL140V LED20S/830 PSU MDU WH	-20 to +40 °C
52878999	WL140V LED20S/840 PSU MDU WH	-20 to +40 °C
53082999	WL140V LED12S/830 PSR MDU WH	-20 to +40 °C
53083699	WL140V LED12S/840 PSR MDU WH	-20 to +40 °C
53084399	WL140V LED20S/830 PSR MDU WH	-20 to +40 °C
53085099	WL140V LED20S/840 PSR MDU WH	-20 to +40 °C
53086799	WL140V LED34S/830 PSR MDU WH	-20 to +40 °C
53087499	WL140V LED34S/840 PSR MDU WH	-20 to +40 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
52879699	WL140V LED12_20S/827_830_840 PSU WH	No
52880299	WL140V LED20_34S/827_830_840 PSU WH	No
97848800	WL140V LED12S/830 PSED WH	Yes
97849500	WL140V LED12S/840 PSED WH	Yes
97852500	WL140V LED20S/830 PSED WH	Yes
97853200	WL140V LED20S/840 PSED WH	Yes
97857000	WL140V LED34S/840 PSED WH	Yes
97860000	WL140V LED20S/830 WIA WH	Yes
97862400	WL140V LED34S/830 WIA WH	Yes
97869300	WL140V LED20S/840 PSED ELB3 WH	Yes
97873000	WL140V LED34S/840 PSED ELB3 WH	Yes
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	Yes
52871099	WL140V LED12S/830 PSU WH	No

Order Code	Full Product Name	Dimmable
52872799	WL140V LED12S/840 PSU WH	No
52873499	WL140V LED20S/830 PSU WH	No
52874199	WL140V LED20S/840 PSU WH	No
52875899	WL140V LED34S/830 PSU WH	No
52876599	WL140V LED34S/840 PSU WH	No
52877299	WL140V LED20S/830 PSU MDU WH	No
52878999	WL140V LED20S/840 PSU MDU WH	No
53082999	WL140V LED12S/830 PSR MDU WH	Yes
53083699	WL140V LED12S/840 PSR MDU WH	Yes
53084399	WL140V LED20S/830 PSR MDU WH	Yes
53085099	WL140V LED20S/840 PSR MDU WH	Yes
53086799	WL140V LED34S/830 PSR MDU WH	Yes
53087499	WL140V LED34S/840 PSR MDU WH	Yes

Emergency Operation

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode
52879699	WL140V LED12_20S/827_830_840 PSU WH	-	-
52880299	WL140V LED20_34S/827_830_840 PSU WH	-	-
97848800	WL140V LED12S/830 PSED WH	350 lm	3 W
97849500	WL140V LED12S/840 PSED WH	350 lm	3 W

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode
97852500	WL140V LED20S/830 PSED WH	350 lm	3 W
97853200	WL140V LED20S/840 PSED WH	350 lm	3 W
97857000	WL140V LED34S/840 PSED WH	350 lm	3 W
97860000	WL140V LED20S/830 WIA WH	-	-
97862400	WL140V LED34S/830 WIA WH	-	-

CoreLine Wall-mounted

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode
97869300	WL140V LED20S/840 PSED ELB3 WH	350 lm	3 W
97873000	WL140V LED34S/840 PSED ELB3 WH	350 lm	3 W
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	350 lm	3 W
52871099	WL140V LED12S/830 PSU WH	-	-
52872799	WL140V LED12S/840 PSU WH	-	-
52873499	WL140V LED20S/830 PSU WH	-	-
52874199	WL140V LED20S/840 PSU WH	-	-

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode
52875899	WL140V LED34S/830 PSU WH	-	-
52876599	WL140V LED34S/840 PSU WH	-	-
52877299	WL140V LED20S/830 PSU MDU WH	-	-
52878999	WL140V LED20S/840 PSU MDU WH	-	-
53082999	WL140V LED12S/830 PSR MDU WH	-	-
53083699	WL140V LED12S/840 PSR MDU WH	-	-
53084399	WL140V LED20S/830 PSR MDU WH	-	-
53085099	WL140V LED20S/840 PSR MDU WH	-	-
53086799	WL140V LED34S/830 PSR MDU WH	-	-
53087499	WL140V LED34S/840 PSR MDU WH	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
52879699	WL140V LED12_20S/827_830_840 PSU WH	(0.3818,0.3797) SDCM <5
52880299	WL140V LED20_34S/827_830_840 PSU WH	(0.3818,0.3797) SDCM <5
97848800	WL140V LED12S/830 PSED WH	(0.4338,0.4030) SDCM <3
97849500	WL140V LED12S/840 PSED WH	(0.3818,0.3797) SDCM <3
97852500	WL140V LED20S/830 PSED WH	(0.4338,0.4030) SDCM <3
97853200	WL140V LED20S/840 PSED WH	(0.3818,0.3797) SDCM <3
97857000	WL140V LED34S/840 PSED WH	(0.3818,0.3797) SDCM <3
97860000	WL140V LED20S/830 WIA WH	(0.4338,0.4030) SDCM <3
97862400	WL140V LED34S/830 WIA WH	(0.4338,0.4030) SDCM <3
97869300	WL140V LED20S/840 PSED ELB3 WH	(0.3818,0.3797) SDCM <3
97873000	WL140V LED34S/840 PSED ELB3 WH	(0.3818,0.3797) SDCM <3
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	(0.3818,0.3797) SDCM <3
52871099	WL140V LED12S/830 PSU WH	(0.4338,0.4030) SDCM <3

Order Code	Full Product Name	Initial chromaticity
52872799	WL140V LED12S/840 PSU WH	(0.3818,0.3797) SDCM <3
52873499	WL140V LED20S/830 PSU WH	(0.4338,0.4030) SDCM <3
52874199	WL140V LED20S/840 PSU WH	(0.3818,0.3797) SDCM <3
52875899	WL140V LED34S/830 PSU WH	(0.4338,0.4030) SDCM <3
52876599	WL140V LED34S/840 PSU WH	(0.3818,0.3797) SDCM <3
52877299	WL140V LED20S/830 PSU MDU WH	(0.4338,0.4030) SDCM <3
52878999	WL140V LED20S/840 PSU MDU WH	(0.3818,0.3797) SDCM <3
53082999	WL140V LED12S/830 PSR MDU WH	(0.4338,0.4030) SDCM <3
53083699	WL140V LED12S/840 PSR MDU WH	(0.3818,0.3797) SDCM <3
53084399	WL140V LED20S/830 PSR MDU WH	(0.4338,0.4030) SDCM <3
53085099	WL140V LED20S/840 PSR MDU WH	(0.3818,0.3797) SDCM <3
53086799	WL140V LED34S/830 PSR MDU WH	(0.4338,0.4030) SDCM <3
53087499	WL140V LED34S/840 PSR MDU WH	(0.3818,0.3797) SDCM <3

Application Conditions

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
52879699	WL140V LED12_20S/827_830_840 PSU WH	Not applicable	No
52880299	WL140V LED20_34S/827_830_840 PSU WH	Not applicable	No
97848800	WL140V LED12S/830 PSED WH	1%	No
97849500	WL140V LED12S/840 PSED WH	1%	No
97852500	WL140V LED20S/830 PSED WH	1%	No
97853200	WL140V LED20S/840 PSED WH	1%	No
97857000	WL140V LED34S/840 PSED WH	1%	No
97860000	WL140V LED20S/830 WIA WH	1%	No
97862400	WL140V LED34S/830 WIA WH	1%	No
97869300	WL140V LED20S/840 PSED ELB3 WH	1%	No
97873000	WL140V LED34S/840 PSED ELB3 WH	1%	No
97875400	WL140V LED34S/840 PSR ELB3 MDU WH	10%	Yes

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
52871099	WL140V LED12S/830 PSU WH	Not applicable	No
52872799	WL140V LED12S/840 PSU WH	Not applicable	No
52873499	WL140V LED20S/830 PSU WH	Not applicable	No
52874199	WL140V LED20S/840 PSU WH	Not applicable	No
52875899	WL140V LED34S/830 PSU WH	Not applicable	No
52876599	WL140V LED34S/840 PSU WH	Not applicable	No
52877299	WL140V LED20S/830 PSU MDU WH	Not applicable	No
52878999	WL140V LED20S/840 PSU MDU WH	Not applicable	No
53082999	WL140V LED12S/830 PSR MDU WH	10%	No
53083699	WL140V LED12S/840 PSR MDU WH	10%	No
53084399	WL140V LED20S/830 PSR MDU WH	10%	No
53085099	WL140V LED20S/840 PSR MDU WH	10%	No
53086799	WL140V LED34S/830 PSR MDU WH	10%	No
53087499	WL140V LED34S/840 PSR MDU WH	10%	No

CoreLine Wall-mounted

