



When Safety depends on
the decisions you make



Powering Business Worldwide



Velos

Velos emergency lighting

The new Velos family of emergency lighting is designed and equipped with technical solutions that make it suitable for a wide range of applications. A complete range of accessories such as the recessed base for false ceiling installations, lateral and back base as well as suspension options allow for a variety of mounting positions.

Together with the choice of ISO and EURO exit sign labels, the Velos LED range is appropriate for emergency lighting requirements in multiple of places such as offices, restaurants, hotels, hospitals and general commercial applications.

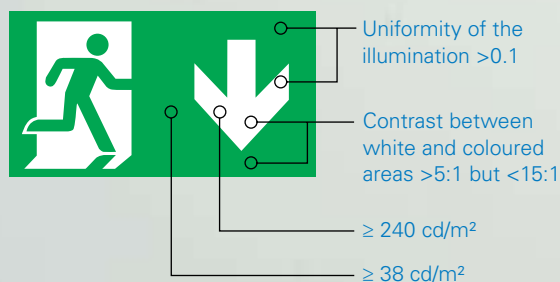
LED Exit Sign





Velos optimal illumination

New exit sign plate used in Velos converts the high luminance of the LED into an illuminated surface with homogeneous brightness, with luminance of over 38 cd/m^2 on the white surface. As such the escape sign always remains easily recognisable even with poor visibility conditions or in bright surroundings. **Velos LEDs** illuminate with a high efficiency of more than 112 lm/W .



Photometric requirements for escape sign EN 1838 (1999),

Emergency lighting operation:

$L_{\text{min}} = 2 \text{ cd/m}^2$ (green surface) $L_{\text{green}} \geq 2 \text{ cd/m}^2$

$L_{\text{white}} \geq 10 \text{ cd/m}^2$

$5 \leq L_{\text{white}} / L_{\text{green}} \leq 15$

ISO 30061 (2007), When smoke is prime consideration:

$L_{\text{green}} \geq 10 \text{ cd/m}^2$

$L_{\text{white}} \geq 50 \text{ cd/m}^2$



Light Source:

LED Strip with a lifetime of more than 60.000 hours

24 LEDs producing 140 lumens

Materials:

Base and reflector unit in white Polycarbonate

Operation:

Maintained, slave and CBS models available

Autonomy from 1h up to 3h

Adjustable brightness function to 50% in mains operation

Functional test button

Telecommand, Inhibition operation

Installation:

Maintained, slave and CBS

Autonomy from 1h up to 3h

Adjustable brightness function to 50% in mains operation

Functional test button

Telecommand, Inhibition operation

Applications:

Schools, universities, public administration, commercial environments

Hotels, restaurants, meeting rooms, offices, shops, cinemas, theaters, museums

Areas with large heights and long distance view requirements



Recessed base for false ceiling recessed applications

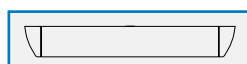


Flexible joint for wall installation even in inclined surfaces

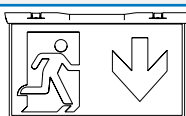


Rope suspension for high ceiling applications

Velos - Technical characteristic & order codes



PSU unit of Velos

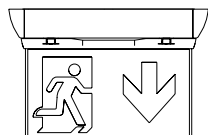


Order code



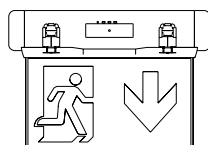
Order code			
O-ESC	Velos PSU 1,5h	1,5h	4VTCs NiCd 1600mA/h
O-ESC-3H	Velos PSU 3h	3h	4VTCs NiCd 1600mA/h
O-ESMAINS	Velos PSU Mains	-	
O-ESM-AT	Velos PSU 1h Autotest	1h	4AA NiMH 1100mA/h
O-ESM-AT-3H	Velos PSU 3h Autotest	3h	4VTCs NiMH 2000mA/h
O-ES-CG-S	Velos PSU MAINS with V-CG-S2	-	-

Ceiling mount



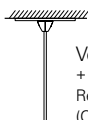
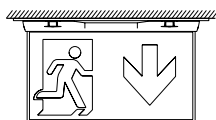
PSU + Exit Sign → Velos

Wall mount



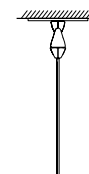
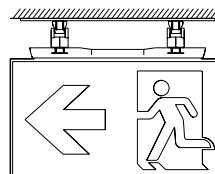
Velos
+
Wall FLEXI Joint
(O-ESA-FLEX)

Recessed (30m)



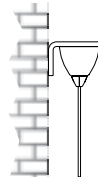
Velos
+
Recessed Base
(O-ESA-RB)

Recessed (40m)



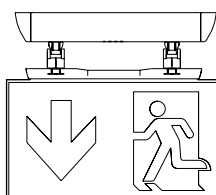
PSU
+
Recessed Base
(O-ESA-RB)
+
Exit sign 40m
(O-ESP40-ILR)

Back wall mount



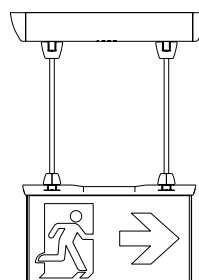
Velos
+
Back mounting Base
(O-ESA-BMB)

Ceiling mount (40m)



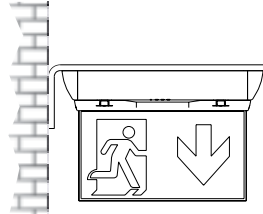
PSU
+
Wall FLEXI Joint
(O-ESA-FLEX)
+
Exit sign 40m
(O-ESP40-IDD)

Suspended with metal pipes



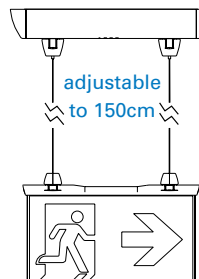
Velos
+
Pipe Suspension
48cm (ISO30061)
(O-ESA-PS30)

Lateral mount



Velos
+
Lateral Base
(O-ESA-LMB)

Suspended with adjustable rope

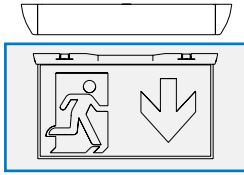


Velos
+
Rope Suspension
Adjustable 150cm
(O-ESA-RSA)

Accessories

Order code	Description
O-ESA-RB	Velos Recessed base
O-ESA-FLEX	Velos Wall FLEXI Joint
O-ESA-RSA	Velos Rope Suspension adjustable 150cm
O-ESA-RSA-5M	Velos Rope Suspension adjustable 5m
O-ESA-PS30	Velos Pipe Suspension 48cm (ISO30061)
O-ESA-LMB	Velos Lateral Mounting Base
O-ESA-BMB	Velos Back Mounting Base

Velos - Technical characteristic & order codes



Exit sign of Velos

Order code	Description		Dimensions	
O-ESP-ELR	Velos pictogram EURO LEFT/RIGHT 30m	24 LEDs	288x165	
O-ESP-ED	Velos pictogram EURO DOWN/BLANK 30m	24 LEDs	288x165	
O-ESP-EDD	Velos pictogram EURO DOWN/DOWN 30m	24 LEDs	288x165	
O-ESP-EU	Velos pictogram EURO UP/BLANK 30m	24 LEDs	288x165	
O-ESP-EUU	Velos pictogram EURO UP/UP 30m	24 LEDs	288x165	
O-ESP-E2R	Velos pictogram EURO Lateral to Room	24 LEDs	288x165	
O-ESP-E2W	Velos pictogram EURO Lateral to Wall	24 LEDs	288x165	
O-ESP-ILR	Velos pictogram ISO LEFT/RIGHT 30m	24 LEDs	288x165	
O-ESP-ID	Velos pictogram ISO DOWN/BLANK 30m	24 LEDs	288x165	
O-ESP-IDD	Velos pictogram ISO DOWN/DOWN 30m	24 LEDs	288x165	
O-ESP-IU	Velos pictogram ISO UP/BLANK 30m	24 LEDs	288x165	
O-ESP-IUU	Velos pictogram ISO UP/UP 30m	24 LEDs	288x165	
O-ESP-I2R	Velos pictogram ISO Lateral to Room	24 LEDs	288x165	
O-ESP-I2W	Velos pictogram ISO Lateral to Wall	24 LEDs	288x165	
O-ESP-RUS	Velos pictogram Russian Exit 30m	24 LEDs	288x165	
O-ESP-H	Velos Hydrant pictogram 30m	24 LEDs	288x165	
O-ESP-FHD	Velos Fire hose down 30m	24 LEDs	288x165	
O-ESP-FH-EXT	Velos Fire hose & extinguisher 30m	24 LEDs	288x165	
O-ESP-WIRL	Velos pictogram Wheel ISO LEFT/RIGHT 30m	24 LEDs	288x165	
O-ESP-WIDD	Velos pictogram Wheel ISO DOWN/DOWN 30m	24 LEDs	288x165	

Order code	Description		Dimensions	
O-ESP40-ILR	Velos pictogram ISO LEFT/RIGHT 40m	24 LEDs	370x220	
O-ESP40-IDD	Velos pictogram ISO DOWN/DOWN 40m	24 LEDs	370x220	
O-ESP40-WILR	Velos pictogram Wheel ISO LEFT/RIGHT 40m	24 LEDs	370x220	
O-ESP40-WIDD	Velos pictogram Wheel ISO DOWN/DOWN 40m	24 LEDs	370x220	

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Printed in Greece
Publication No. Velos_leaflet_2015
September 2015

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