Beacons

Solista LX Wall VAD - Overview & technical specifications

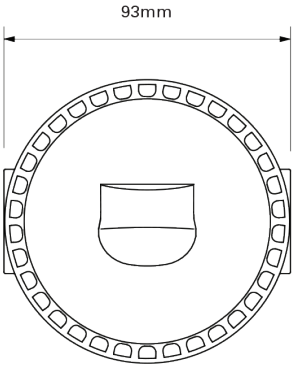


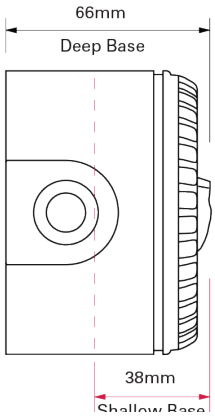
The Solista LX Wall visual alarm device (VAD) is suitable for a variety of applications, available in a red or white body and compatible with the full range of 6 bases. A patented lens design distributes light to achieve the required illumination specified by EN 54-23, whilst using minimum current consumption.

The 2nd generation of the LX now incorporates soft-start technology. This patented feature constantly monitors the available voltage to give zero start up surge on the line, allowing maximum product line loading. It can also detect line overloading and will indicate the fault with a rapid double flash – an innovative feature termed double flash overload protection (DFOP).

Features and benefits

- Ultra low current consumption of 10mA, perfect for use where curent consumption is a key consideration
- Up to 7.5m coverage volume, ideal for bedrooms, bathrooms and toilets
- 0.5Hz or 1Hz flash rate; switch flash rate to 0.5Hz to reduce current consumption
- Coverage switch to 2.5m, reducing power consumption by up to 50%
- Patented soft start technology gives zero start up surge, allowing maximum line loading
- Double flash overload protection (DFOP), helping installers to recognise when they have overloaded a line





Technical specification

Model:	Solista LX Wall	
Mounting Type	Wall	
Voltage	9-60VDC	
Current	10 - 25mA dependent on setting	
Coverage (y)	7.5m (Switchable to 2.5m)*	
Mounting Height (x)	2.4m (max)	
Coverage Volume Code	W-2.4-7.5	
Coverage Volume	135m^3 (15m^3)	
Flash Rate	1Hz (Switchable to 0.5Hz)	
Operating Temperature	-25ºC to +70ºC	
Monitoring	Reverse Polarity	
Protection	IP33C Shallow Base	IP65 Deep and U Base
Weight	100g	
Body Colour	White or Red	
Flash Colour	White or Red	
Maximum effective luminous intensity (leff)	53cd (candela)	

*CNPP test results

CERTIFIED TO EN54-23

Order codes

Description	Approval	Model reference	Order code
White flash, white housing			
Solista LX Wall LED beacon, White flash, White housing, Shallow white (W1) base		I SOL-LX-W/WF/W1/S	812010FULL-0111X
Solista LX Wall LED beacon, White flash, White housing, Shallow white (W1) base	NF	I SOL-LX-W/WF/W1/S/NF	812010FULL-0169X
Solista LX Wall LED beacon, White flash, White housing, Shallow white (W1) base	VDS	I SOL-LX-W/WF/W1/S VDS	812010FULL-0232X
Solista LX Wall LED beacon, White flash, White housing, Deep white (W1) base	NF	I SOL-LX-W/WF/W1/D/NF	812011FULL-0170X
Solista LX Wall LED beacon, White flash, White housing, Deep white (W1) base	VDS	I SOL-LX-W/WF/W1/D VDS	812011FULL-0234X
Solista LX Wall LED beacon, White flash, White housing, U white (W1) base		I SOL-LX-W/WF/W1/U	812012FULL-0113X
Solista LX Wall LED beacon, White flash, White housing, U white (W1) base	NF	I SOL-LX-W/WF/W1/U/NF	812012FULL-0171X
Solista LX Wall LED beacon, White flash, White housing, U white (W1) base	VDS	I SOL-LX-W/WF/W1/U VDS	812012FULL-0236X
White flash, red housing			
Solista LX Wall LED beacon, White flash, Red housing, Shallow red base		I SOL-LX-W/WF/R1/S	812007FULL-0108X
Solista LX Wall LED beacon, White flash, Red housing, Shallow red base	NF	I SOL-LX-W/WF/R1/S/NF	812007FULL-0166X
Solista LX Wall LED beacon, White flash, Red housing, Shallow red base	VDS	I SOL-LX-W/WF/R1/S VDS	812007FULL-0231X
Solista LX Wall LED beacon, White flash, Red housing, Deep red base		I SOL-LX-W/WF/R1/D	812008FULL-0109X
Solista LX Wall LED beacon, White flash, Red housing, Deep red base	NF	I SOL-LX-W/WF/R1/D/NF	812008FULL-0167X
Solista LX Wall LED beacon, White flash, Red housing, Deep red base	VDS	I SOL-LX-W/WF/R1/D VDS	812008FULL-0233X
Solista LX Wall LED beacon, White flash, Red housing, U red base		SOL-LX-W/WF/R1/U	812009FULL-0110X
Solista LX Wall LED beacon, White flash, Red housing, U red base	NF	SOL-LX-W/WF/R1/U/NF	812009FULL-0168X
Solista LX Wall LED beacon, White flash, Red housing, U red base	VDS	SOL-LX-W/WF/R1/U VDS	812009FULL-0235X
Red flash, red housing			
Solista LX Wall LED beacon, Red flash, Red housing, Shallow red base		I SOL-LX-W/RF/R1/S E34	812013FULL-0114X
Solista LX Wall LED beacon, Red flash, Red housing, Shallow red base	NF	I SOL-LX-W/RF/R1/S/NF	812013FULL-0172X
Solista LX Wall LED beacon, Red flash, Red housing, Shallow red base	VDS	I SOL-LX-W/RF/R1/S VDS	812013FULL-0237X
Solista LX Wall LED beacon, Red flash, Red housing, U red base		I SOL-LX-W/RF/R1/U	812014FULL-0115X
Solista LX Wall LED beacon, Red flash, Red housing, U red base	NF	I SOL-LX-W/RF/R1/U/NF	812014FULL-0174X
Solista LX Wall LED beacon, Red flash, Red housing, U red base	VDS	I SOL-LX-W/RF/R1/U VDS	812014FULL-0241X
Red flash, white housing			
Solista LX Wall LED beacon, Red flash, White housing, Shallow white (W1) base		I SOL-LX-W/RF/W1/S	812015FULL-0116X
Solista LX Wall LED beacon, Red flash, White housing, Shallow white (W1) base	NF	I SOL-LX-W/RF/W1/S/NF	812015FULL-0175X
Solista LX Wall LED beacon, Red flash, White housing, Shallow white (W1) base	VDS	I SOL-LX-W/RF/W1/S VDS	812015FULL-0238X
Solista LX Wall LED beacon, Red flash, White housing, Deep white (W1) base		I SOL-LX-W/RF/W1/D	812016FULL-0117X
Solista LX Wall LED beacon, Red flash, White housing, Deep white (W1) base	NF	I SOL-LX-W/RF/W1/D/NF	812016FULL-0176X
Solista LX Wall LED beacon, Red flash, White housing, Deep white (W1) base	VDS	I SOL-LX-W/RF/W1/D VDS	812016FULL-0240X
Solista LX Wall LED beacon, Red flash, White housing, U white (W1) base	NF	I SOL-LX-W/RF/W1/U/NF	812017FULL-0177X
Solista LX Wall LED beacon, Red flash, White housing, U white (W1) base		I SOL-LX-W/RF/W1/U	812017FULL-0118X

Eaton Electrical Products Ltd
Llantarnam Park, Cwmbran,
NP44 3AW
UK
www.eaton.com

© 2023 Eaton
All Rights Reserved
February 2023

Information is believed to be accurate, however no representation or warranty is given and Eaton assumes no liability with respect to the accuracy of such information. The information provided in this document is subject to change without notice.