

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Source

**Supplier's address:** SGD, Unit 7/8 Ashbourne Business Centre Ballybin Road Ashbourne Co. Meath Ireland A84YP58

**Model identifier:** SE27GOLF

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	117 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	3 000
On-mode power ( $P_{on}$ ), expressed in W	2,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	-
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	55
Outer dimensions without separate con-	Height	95	Spectral power distribution in the See image in last page
	Width	50	
	Depth	50	

trol gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,474 0,430
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	0		Survival factor	0,00
the lumen maintenance factor	0,00			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,00		Colour consistency in McAdam ellipses	0
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)		If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,0		Stroboscopic effect metric (SVM)	-

(a) : not applicable;

(b) : not applicable;

# Installation Instructions

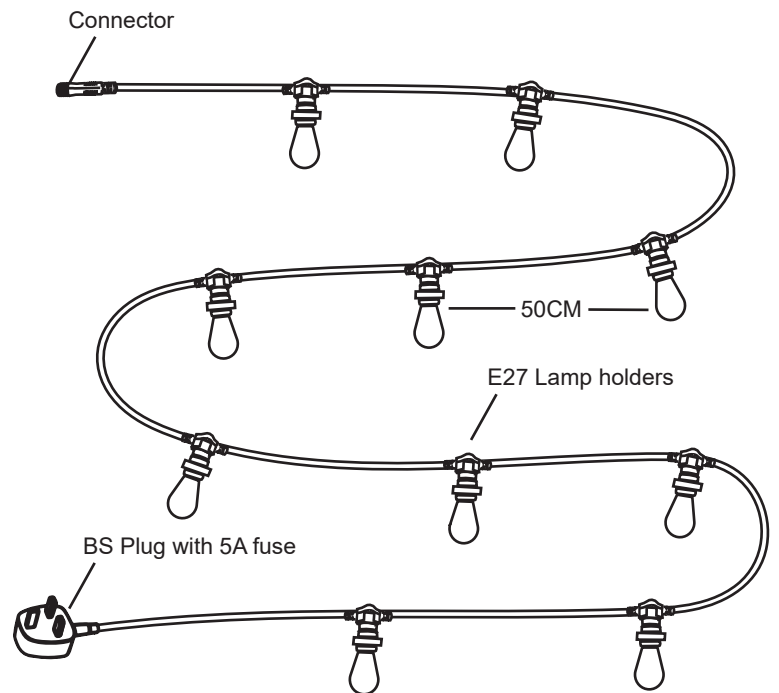
## 10m 20L LED FESTOON LIGHT



Product Code: SFES10M

### FEATURES:

- Static, 230v, Connectable Version, IP44
- Size: 10m Festoon Set with E27 Lamp Holder
- Socket Spacing: 50cm
- Lamps not included
- With 1.5m Power Cable + BS Plug
- For Indoor Outdoor Use



### SPECIFICATION:

Model	Socket Spacing	Rated Power	Lamp Holder	Number of Lamp Holders	IP Rating
SFES10M	50cm	230V	E27	20	IP44

### SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.

### WARNING:

When using outdoor with this portable lighting products, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. This is not a toy, please keep it out of the reach of children.

### INSTALLATION:

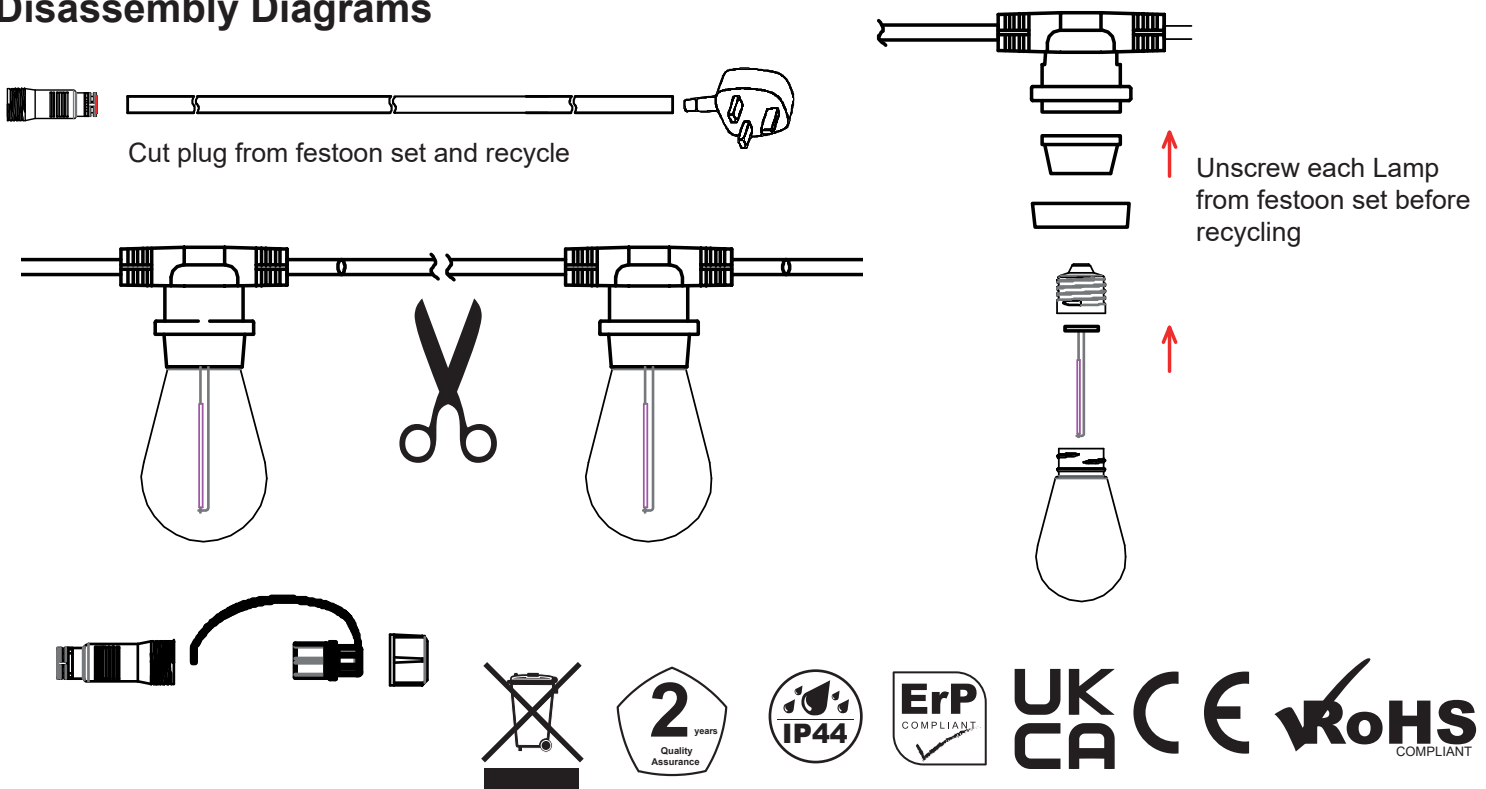
- Read and follow all instructions that are on the provided product
- This seasonal product is not intended for permanent installation or use
- This light chain is suitable for outdoor use
- For outdoor use ensure that the socket outlet or any extension cord is complying with the protection class IP65
- Do not operate the light chain when it is still in the packaging
- Never connect the light chain to the mains during installation
- Up to 25 sets of the same version can be connected. Max Load 1000w
- Never exceed this limit otherwise the risk of overheating and/or electric shock will be incurred
- Ensure that the power source is the same as the specified power
- Check if any part of the lighting chain is damaged before connecting to the mains
- Avoid any damage incurred to the isolation of the wire, cable and light chain etc
- The light chains must be suitably mounted against tensile forces

- Protect the 230V plug against moisture and always make sure it is dry at all times
- Operate out of the reach of children or animals. This light chain is not a toy
- Do not use the light chain near flammable or generally sensitive objects
- Do not mount or place the light chain near gas or electric heaters, fireplace, candles or other similar sources of heat
- Do not secure the wiring of the product with staples or nails, or place on sharp hooks or nails
- Do not let lamps rest on the supply cord or on any wires
- Unplug the product when leaving the vicinity of the product or when left unattended
- Do not use this product for anything other than its intended use
- Do not hang ornaments or other objects from cord, wire, or light string
- Do not close doors or windows on the product or extension cords as this may damage the wire insulation
- Do not cover the product with cloth, paper or any material not part of the product when in use
- Do not place the product against carpeting, furniture, any fabric, or home vinyl siding when in use
- This product has a plug, if the plug does not fit fully in the outlet, contact a qualified electrician. Don't use with an extension cord unless plug can be fully inserted. Do not alter or replace the supplied plug
- Retain this instruction manual for reference

### PRODUCT END OF LIFE INSTRUCTION.

This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed of according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product. Please follow pictured diagram showing how to dismantle the product into different components which should be disposed of correctly. These components consist of plastic, metal and electronic materials. It is the responsibility of the end user to dispose of this product correctly. [www.weeeireland.ie](http://www.weeeireland.ie) or contact your local council for further information. Some local authorities accept small electricals such as Christmas tree lights as part of their home recycling scheme. If yours does there may be special instructions on how to put them out for collection - for example, place them in a clear plastic bag tied to your recycling bin. It is best to check with them first. Do not put the lights directly into your recycling bin.

### Disassembly Diagrams



**For more information contact:** Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,  
**Phone:** 00353 1 835 7447

Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,  
**UK Ph:** 0330 551 7000  
**Website:** [www.sgd.ie](http://www.sgd.ie)



Solas Geal Distribution

# Installation Instructions

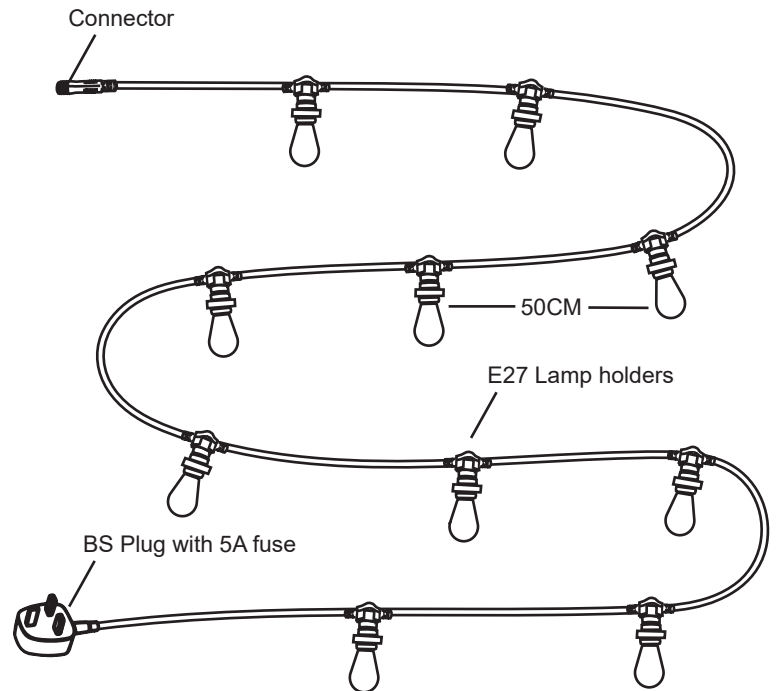
## 25m 50L LED FESTOON LIGHT



Product Code: SFES25M

### FEATURES:

- Static, 230v, Connectable Version, IP44
- Size: 25M Festoon Set with E27 Lamp Holder
- Socket Spacing: 50cm
- Lamps not included
- With 1.5m Power Cable + BS Plug
- For Indoor Outdoor Use



### SPECIFICATION:

Model	Socket Spacing	Rated Power	Lamp Holder	Number of Lamp Holders	IP Rating
SFES25M	50cm	230V	E27	50	IP44

### SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.

### WARNING:

When using outdoor with this portable lighting products, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. This is not a toy, please keep it out of the reach of children.

### INSTALLATION:

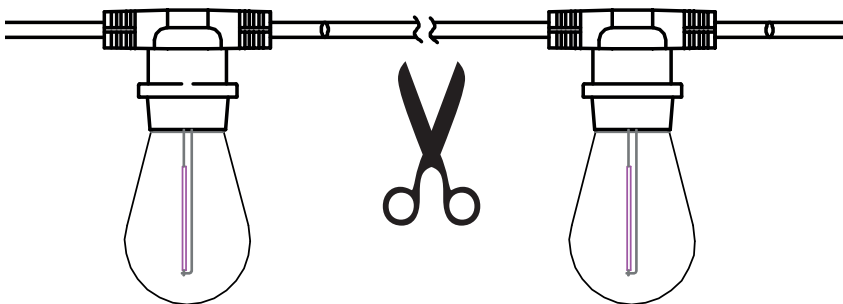
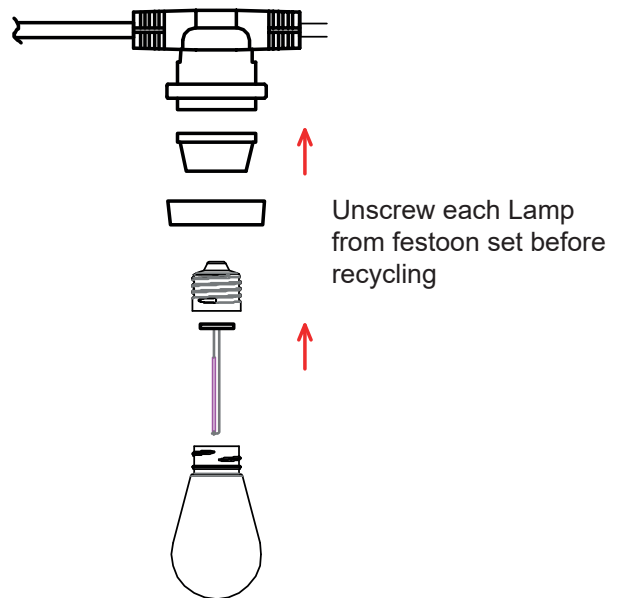
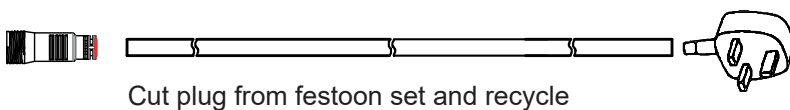
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- Up to 10 sets of the same version can be connected. Max load 1000w
- Never exceed this limit otherwise the risk of overheating and/or electric shock will be incurred
- Ensure that the power source is the same as the specified power
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### Disassembly Diagrams



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Solas Geal Distribution

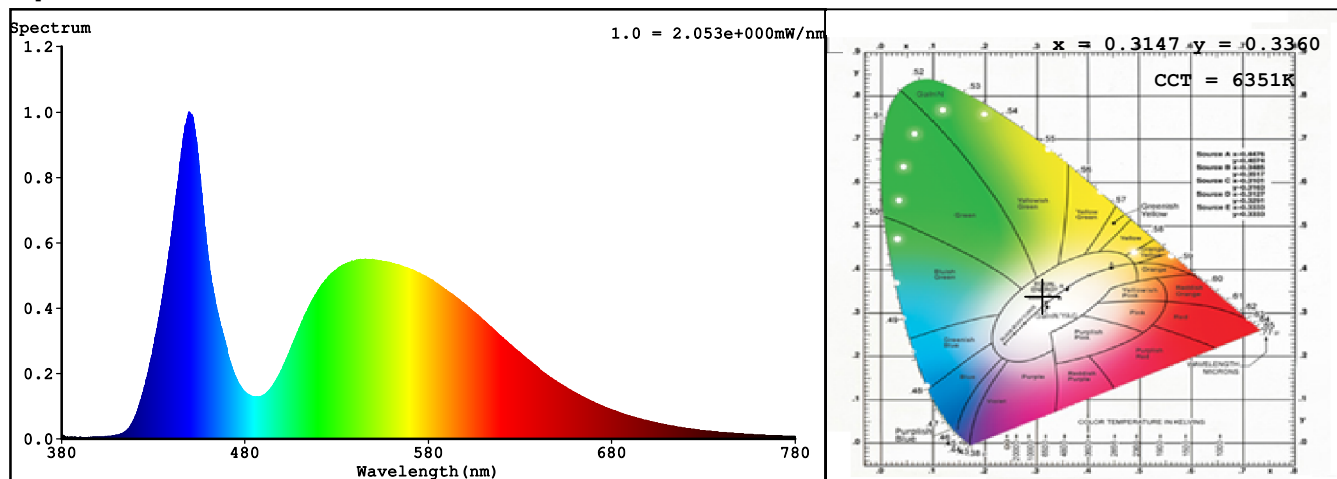
# Spectrum Test Report

Sample : E27 -WH Date : 2022-06-17 11:01:49  
Specification : E27 bulbs-WH(SE-27GOLF-WH) Standardtus :  
Sample No. : SE27GOLF Instrument : HaasSuite  
Manufacturer : Test by  
Assessor : SGD Ltd  
Remark :

## Test Condition

Temperature : 25Deg RH : 45%  
WL Range : 380nm-780nm IP : 47927 (73%)  
Test Mode : Accuracy Test T : 2203 ms  
Sensitivity : High

## Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3147$   $y = 0.3360$  /  $u' = 0.1966$   $v' = 0.4723$  ( $duv=5.74e-03$ )  $Dx, Dy: -0.0012, 0.0100$

CCT= 6351K Prcp WL:  $L_d=493.5nm$  Purity=6.1%

Peak WL:  $L_p=449nm$  FWHM:  $=24.5nm$  Ratio: R=12.2% G=83.9% B=3.9%

Render Index:  $R_a = 72.9$

R1 =70 R2 =76 R3 =79 R4 =74 R5 =72 R6 =68 R7 =83

R8 =62 R9 =0 R10=42 R11=71 R12=42 R13=71 R14=88 R15=66

LEVEL:OUT WHITE:ANSI\_6500K

## Photometric & Radiometric Parameters

Flux = 66.402 lm Eff. : 34.17 lm/W  $F_e = 206.78$  mW

Flux of emitted photons( $\mu mol/s$ ):0.93195 Flu. and blue light ratio:2.377 Fluorescent eff.:70.30

## Electrical parameters

V = 230.24 V I = 0.008994 A P = 1.943 W PF = 0.9383 F=49.99 Hz



# EU DECLARATION OF CONFORMITY

**Manufacturers Name:** Solas Geal Distribution

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

## Declaration

Declaration Number	Declaration Number	Declaration Number	Declaration Number
048-E320LED-WH	048-E120LED-WW	048-E5M80LEDICE-WW	048-E32024V-WH
048-E320LED-BE	048-E120LED-BE	048-ECURT2X2-WH	048-E32024V-WW
048-E320LED-RD	048-E120LED-RD	048-ECURT2X2-BE	048-SFES5M-PLS
048-E320LED-WW	048-E120LED-WW	048-ECURT2X2-WW	048-S14E27-WW
048-E320LED-CC+CON	048-E120LED-CC+CON	048-EWCURT2X2 WH-WW	048-RL-WHLED
048-RL-WWLED	048-RL-BELED	048-RL-RDLED	048-SE27GOLF-WW
048-SE27GOLF-WH	048-SE27GOLF-BE	048-SE27GOLF-GR	048-SE27GOLF-YW
048-SE27GOLF-RD	048-LED-PL-320-25.6M-24V-B		

This declaration of conformity is issued under the sole responsibility of the manufacturer.

## Products:

LED Lighting Chain 220v, 24v Black & White cables, Golfball lamps for Festoons

## Model Number:

Codes	Codes	Codes	Codes
E320LED-WH	E120LED-WW	E5M80LEDICE-WW	E32024V-WH
E320LED-BE	E120LED-BE	ECURT2X2-WH	E32024V-WW
E320LED-RD	E120LED-RD	ECURT2X2-BE	SFES5M-PLS
E320LED-WW	E120LED-WW	ECURT2X2-WW	S14E27-WW
E320LED-CC+CON	E120LED-CC+CON	EWCURT2X2 WH-WW	RL-WHLED
RL-WWLED	RL-BELED	RL-RDLED	SE27GOLF-WW
SE27GOLF-WH	SE27GOLF-BE	SE27GOLF-GR	SE27GOLF-YW
SE27GOLF-RD	LED-PL-320-25.6M-24V-B		

The product/model of the declaration described above is in conformity with the relevant Community harmonisation legislation:

**Low Voltage Directive (2014/35/EU)**

**EMC Directive (2014/30/EU)**

Signed:

Date:

Place of Issue: Republic of Ireland

