

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

Model identifier: S48WTW5FNC

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD 2835		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	48	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 320 in Wide cone (120°)	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	4 000
On-mode power (P_{on}), expressed in W	48,0	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	80
Outer dimensions without separate control gear, light-	Height	227	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	272	
	Depth	1 575	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,374 0,374
Parameters for LED and OLED light sources:			
R9 colour rendering index value	4	Survival factor	0,98
the lumen maintenance factor	-		

(a) : not applicable;

(b) : not applicable;

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Supplier's name or trade mark: Source

Supplier's address: SGD Limited, Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath. A84 YP58. Ireland.

Model identifier: S48WNCEM

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
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:	No

Product parameters

Parameter	Value	Parameter	Value
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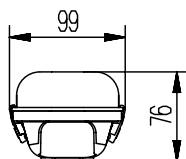
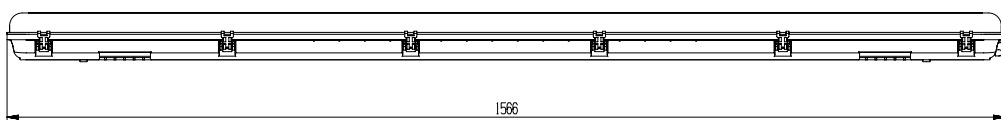
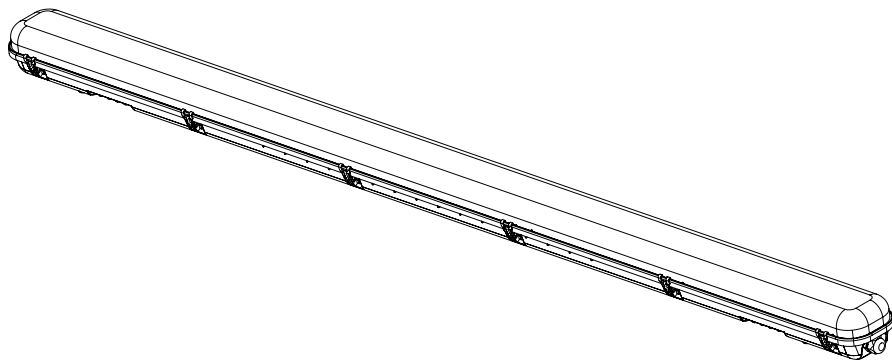
General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 320 in Wide cone (120°)	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	6 400
On-mode power (P_{on}), expressed in W	50,0	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	82
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	22 000	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,320 0,345
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor		1,00
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses		6
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)	0,9	Stroboscopic effect metric (SVM)		0,4

(a)-: not applicable;

(b)-: not applicable;



USER GUIDE

S48WTW5F 110V

IP65 110V LED 5FT 40W STANDARD 4000LM 4000K

S48W NC EM 110V

IP65 110V LED 5FT 40W EMERGENCY 4000LM 4000K

CORROSION PROOF

For more information contact:



Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58, Ireland
Solas Geal Distribution Phone: +353 1 835 7447, UK Ph: 0330 551 7000, Website: www.sgd.ie



Designed and manufactured to the highest standards to ensure a robust and long life, this anti corrosive light will provide you with many years of trouble-free, safe and reliable service. It is suitable for both indoor and outdoor operation.

IMPORTANT SAFETY INSTRUCTIONS

This instruction booklet contains vital information for the safe use and operation of the product. Carefully read and understand all instructions before use. Failure to adhere to the instructions could result in serious personal injury or property damage. In addition, you should follow all warnings and instructions affixed to your product.

This product has been carefully designed for its intended purpose and must not be modified in anyway. Any alteration may compromise safety, as well as invalidate Technical Production Approvals and your insurance.

KEEP THIS BOOKLET FOR FUTURE REFERENCE.

SAFETY INFORMATION

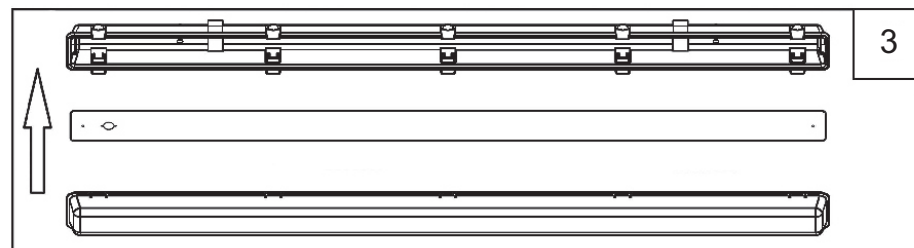
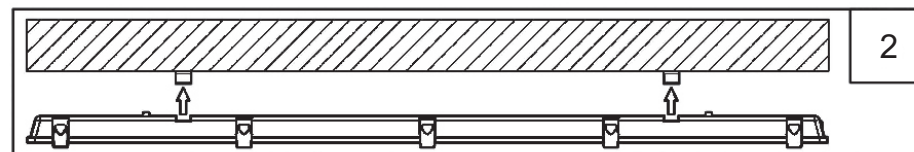
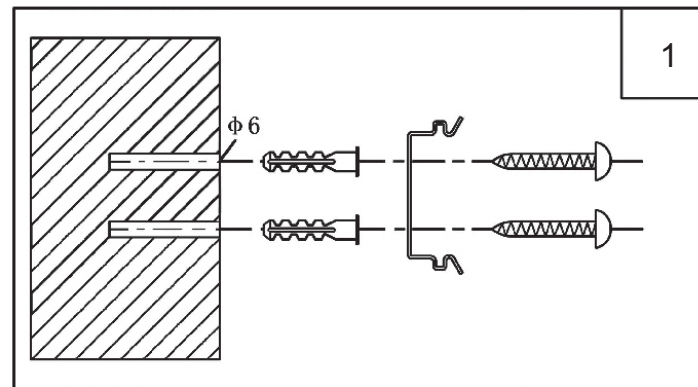
1. This LED Non Corrosive should only be installed by a qualified electrician
2. Do not drill the body of the fitting for mounting purposes. This fitting is designed for installation using the clips and hooks provided at the mounting points on the fitting. Any drilled holes during installation will void the warranty and the IP Rating of the fitting.
3. Ensure that mains is switched off before installing

INSTRUCTION

- Remove all transit packaging before operating.
- If an extended power cable is required, use only 3core (min 1.5mm²) cable fully unwound. Ensure that correct voltage is used.
- Determine the fixing points and sizes from the table below or indicated on the box. If mounting on ceilings fix the steel mounting clips securely. For suspended mounting please use hanging brackets provided.
- Select an entry point using any of the 20mm points provided. Please note provision must be made to protect the IP Rating of the Fitting.
- Electrical connections:

• Live (L)	Brown or red
• Neutral (N)	Blue or Black
• Earth \perp	Green/Yellow
- Terminate the supply cable and please note the fitting **MUST BE EARTHED**
- Replace the gear tray and diffuser using the clips provided to secure to fitting
- Restore power supply for operation

ASSEMBLY INSTRUCTIONS



TEST REPORT

Product Mark

Product Type :S48WNCEM
Temperature :°C
Operator :SGD LIMITED

Manufacturer :SGD LIMITED
Humidity :80%
Test Date :2022-03-02

Chroma Parameters

CCTC: 4130K	Rending Index :Ra=84.50	SDCM :3.3
Radiation Flux :0.0 W	PurityPe:23.8%	Dominant Wave. :579.0nm
CIEx :0.3744	dE :51.8	Peak Wavelength :450.4nm
CIEy :0.3714	dL :26.7	Half Width :25.0nm
CIEu :0.2233	da :12.4	Centroid(nm) :582.3nm
CIEv :0.3322	db :42.6	Centre(nm) :451.9nm
Flux :4237.24lm		

Rending Index : Ra = 84.5

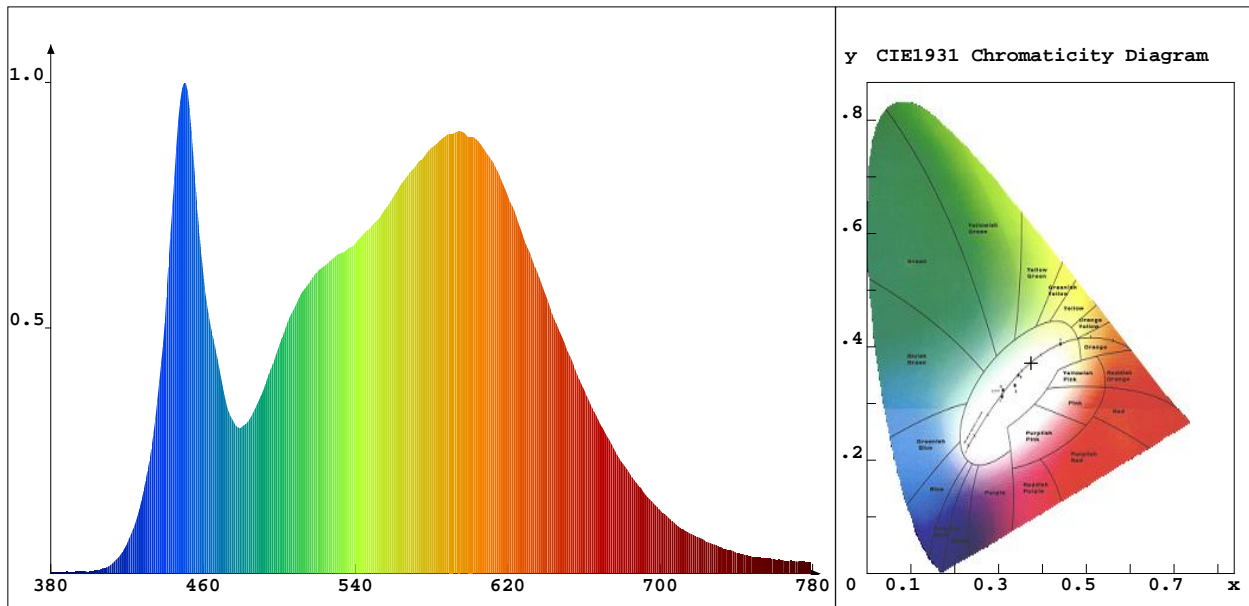
R1 =82.9 R2 =90.3 R3 =95.5 R4 =83.8 R5 =83.7 R6 =87.0 R7 =86.5 R8 =66.5
R9 =13.5 R10=77.2 R11=83.3 R12=67.2 R13=84.8 R14=97.8 R15=77.2

Electrical Parameter

Voltage : 109.4V Current : 0.428A Power : 46.7W
Power Factor : 0.996 Efficiency : 90.831lm/W

Instrument state

Scan Range:380-780nm VPeak:15609 VDark:1389
SingalP :95.28% IntgeTimeT :22.755ms



TEST REPORT

Product Mark

Product Type :S48WTW5FNC
Temperature : 'C
Operator :SGD LIMITED

Manufacturer :SGD LIMITED
Humidity :80%
Test Date :2022-03-02

Chroma Parameters

CCTC: 4061K	Rending Index :Ra=84.10	SDCM :2.5
Radiation Flux :0.0 W	PurityPe:25.4%	Dominant Wave. :579.2nm
CIEx :0.3774	dE :53.6	Peak Wavelength :449.3nm
CIEy :0.3735	dL :26.9	Half Width :23.4nm
CIEu :0.2244	da :12.9	Centroid(nm) :582.9nm
CIEv :0.3331	db :44.5	Centre(nm) :451.1nm
Flux :4258.15lm		

Rending Index : Ra = 84.1

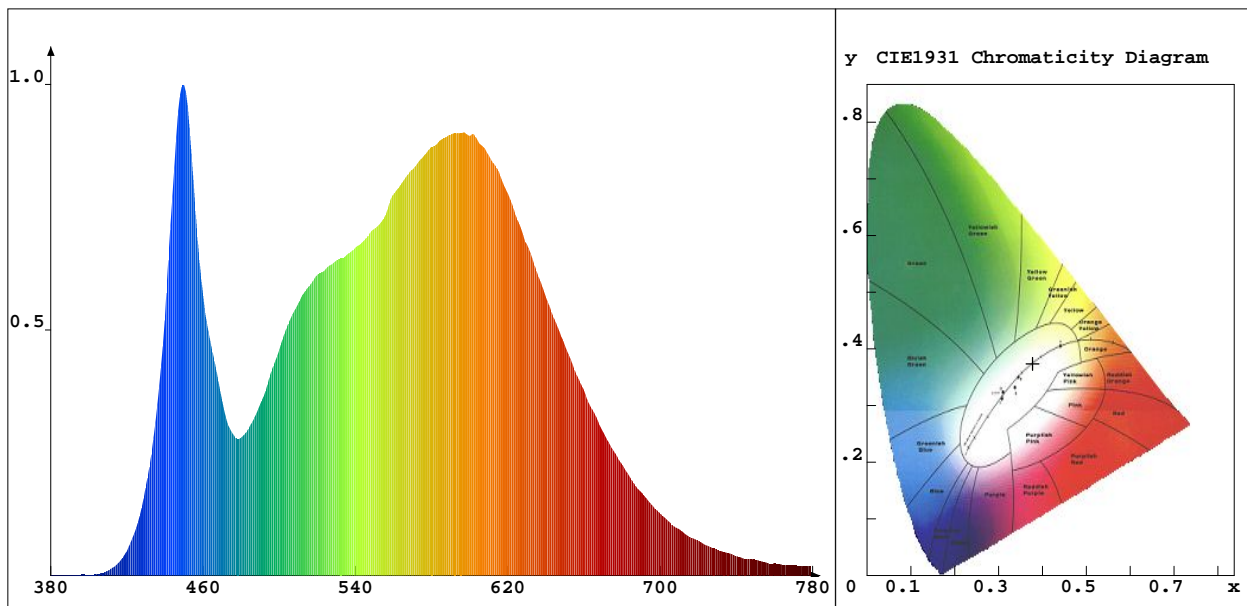
R1 =82.4 R2 =89.9 R3 =95.4 R4 =83.5 R5 =83.2 R6 =86.6 R7 =86.3 R8 =65.8
R9 =11.8 R10=76.5 R11=83.1 R12=67.0 R13=84.2 R14=97.8 R15=76.5

Electrical Parameter

Voltage : 219.5V Current : 0.211A Power : 45.4W
Power Factor : 0.979 Efficiency : 93.792lm/W

Instrument state

Scan Range:380-780nm VPeak:15740 VDark:1341
SingalP :96.08% IntgeTimeT :22.755ms





EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

Declaration Number:
031-S48WTW5FNC,031-S48WNCCEM

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

Products:
IP65 LED Clipless Polycarbonate Corrosion proof luminaires 48watt

Model Number:
S48WTW5FNC, S48WNCCEM

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

Low Voltage Directive (2014/35/EU)
EMC (2004/108/EC)

The product/model of the declaration described above is in conformity with the below listed
harmonised standards and technical specifications listed below:

EN55015:2013, EN61547:2009, EN61000-3-2:2014, EN61000-3-3:2013, EN60598-1:2015,
EN60598-2-1:1989, EN60598-2-24:2013, EN62493:2010, IEC/TR62778:2014, AFPS GS
2014:01 PAR.3.1



Signed:

Date:

Place of Issue: Republic of Ireland

