

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: S65BAT 5FT

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	45	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°)	4 100 lm 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	45,0	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	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 530	
	Depth	35	
			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)	0,375 0,376
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,97
the lumen maintenance factor	-		

(a) '-': not applicable;

(b) '-': not applicable;

Installation Manual for IP65 LED CCT Tri-proof Light Code: S65BAT 5FT



Description

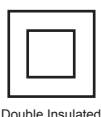
- Diffuser is made of PC with light diffusing agent, with high light transmittance.
- Housing is made of opaque PC.
- Use suitable cable when locating outdoors. 2mm x 1.5mm

Safety Instructions

- Installation should only be carried out by a qualified electrician.
- Never touch the lamp while the luminaires are switched on.
- In case of power failure, please switch off the power supply.
- Replacement and Maintenance should only be carried out by a qualified electrician.

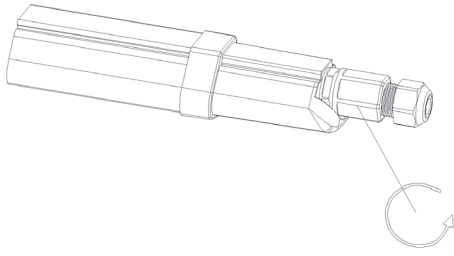
Application

- This fitting has an IP rating of IP65 and is suitable for internal and external use in damp areas.



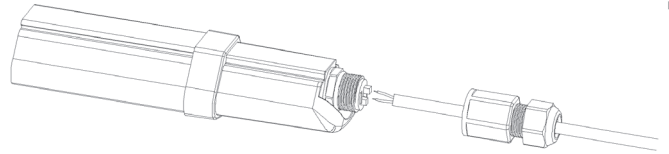
Wiring Diagram

1



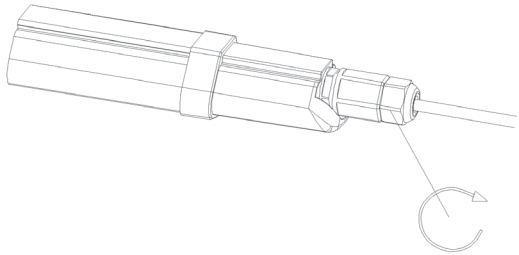
1. Remove IP68 Gland from end of fitting. This fitting can be wired using either end and can be looped in series with other S65BAT Fittings.

2



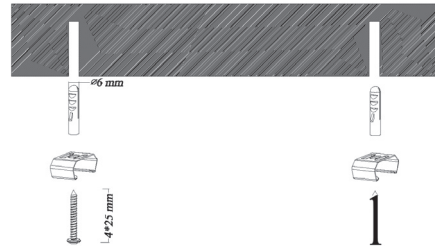
2. Insert Cable through Gland and into correct terminal block : L = Brown N= Blue this fitting is double insulated and doesn't require an earth.

3



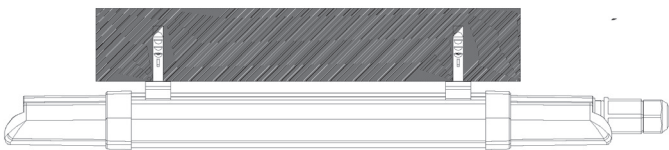
3. Re-attach Gland to fitting by screwing onto threaded part of fitting .

4



4. Select mounting position for brackets on the surface the S65BAT is to be mounted on and install brackets.

5



5. Clip the S65BAT fitting into place making sure the S65BAT is securely mounted.

For more information contact:



Solas Geal Distribution

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

Spectrum Test Report

Sample :
Specification : S65BAT 5FT
Sample No. : NO.1
Manufacturer : SGD LIMITED

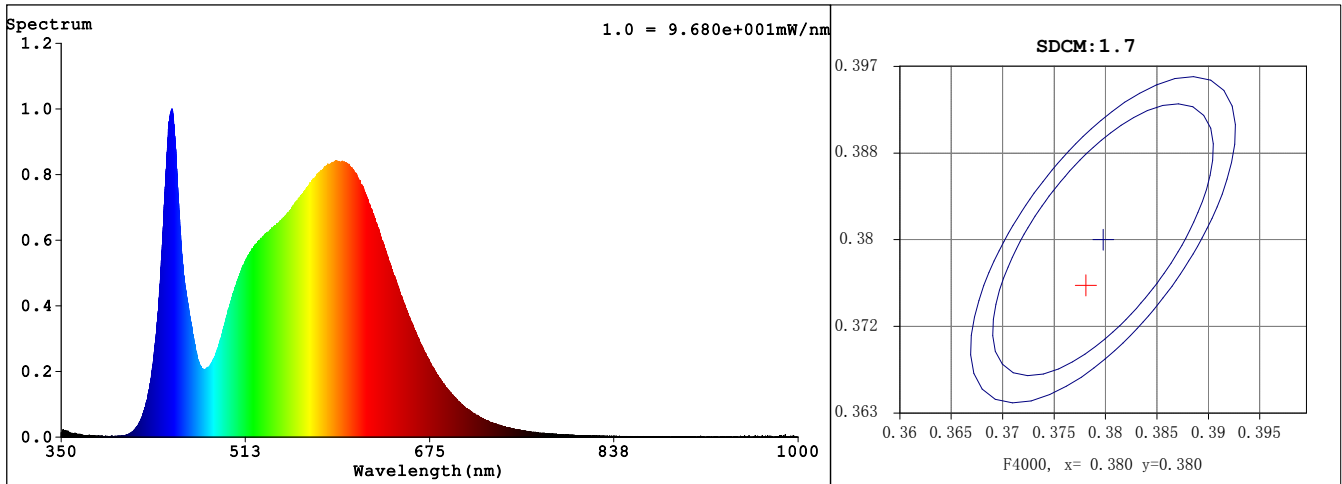
Date : 2022-03-02 14:20:17
Sam. Status :
Instrument : HAAS-2000
Test by : SGD LIMITED

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 30%
IP : 44932 (69%)
T : 113 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3783$ $y = 0.3756$ / $u' = 0.2242$ $v' = 0.5007$ ($duv=7.35e-05$)

CCT= 4048K Prcp WL: $L_d=578.8nm$ Purity=26.2%

Peak WL: $L_p=448nm$ FWHM: =20.1nm Ratio:R=18.1% G=78.5% B=3.4%

Render Index: $R_a = 82.5$

R1 =81 R2 =87 R3 =93 R4 =83 R5 =81 R6 =83 R7 =86

R8 =65 R9 =8 R10=71 R11=83 R12=64 R13=82 R14=96 R15=75

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 4738.3 lm Eff. : 104.28 lm/W Fe = 14.482 W

(EQE):3109.5%

Electrical parameters

V = 220.4 V I = 0.2109 A P = 45.44 W PF = 0.9777

Freq=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 Number:
064-S65BAT 5FT

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

Products:
IP65 LED Double ended Gland 45watt 5ft 4100lm Batten luminaire

Model Number:
S65BAT 5FT

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

Low Voltage Directive (2014/35/EU)
EMC (2014/30/EU)

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

EN55015:2013+A1, EN61547:2009, EN IEC 61000-3-2:2019, EN61000-
3-3:2013+A1, EN60598-1:2015+A1, EN60598-2-1:1989, EN62471:2008,
EN62493:2015



Signed:

Date:

Place of Issue: Republic of Ireland

