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: STL50W PC 4000K

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	N/A		
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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	5 500 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	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	80
Outer dimensions without separate control gear, light-	Height: 540 Width: 195 Depth: 60	Spectral power distribution in the range 250 nm to 800 nm, at full-load	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)	0,388 0,394
Parameters for directional light sources:				
Peak luminous intensity (cd)		450	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,90
the lumen maintenance factor		0,90		

[a] '-' : not applicable;

[b] '-' : not applicable;

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Supplier's name or trade mark: Source

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Model identifier: STL50W PC 2000K

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	N/A		
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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	5 300 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	2 000
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	80
Outer dimensions without separate control gear, light-	Height: 540	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 195		
	Depth: 60		

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)	0,469 0,420
Parameters for directional light sources:				
Peak luminous intensity (cd)		606	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,90
the lumen maintenance factor		0,90		

[a] '-' : not applicable;

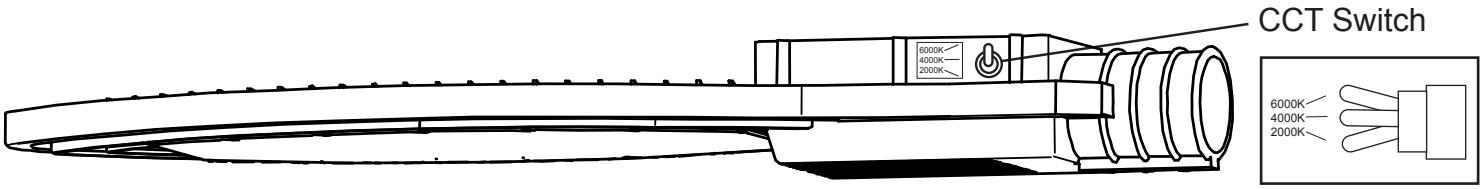
[b] '-' : not applicable;

3 years Quality Assurance

source

Installation Manual

Product Codes: STL-50W PC CCT, STL-100W PC CCT, STL-50W PC 2000K, STL-50W PC 4000K, STL-100W PC 2000K, STL-100W PC 4000K



1. The working voltage of the product is AC 85V to 265V 50/60Hz, please do not exceed the working voltage range
2. Lighting fixtures should be installed by a qualified electrician and wiring should conform to IEC 60364-7-714 or national standards

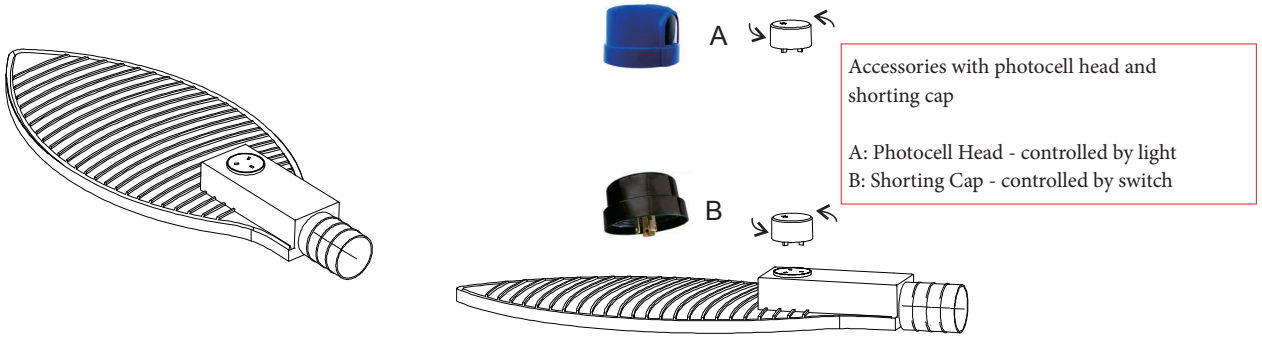
Warnings

- Sulfide and corrosive, soluble chemicals will damage the surface of the fitting and even lead to malfunction
- The normal service temperature is -30 degree C~55 degree C. If it goes beyond this range, it will adversely affect the life of the product
- Please read the instructions carefully before installing the product

Installation Instructions

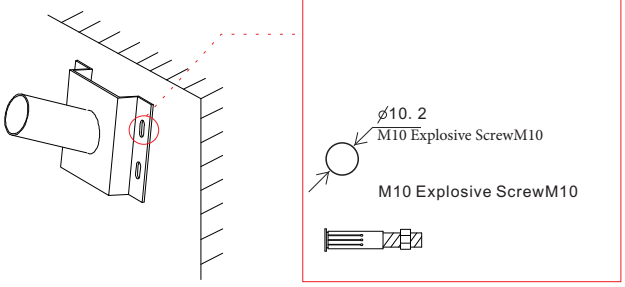
THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN

1. Please cut off the power supply before installation
2. Please do not connect high voltage power supply before installation, and use it strictly according to product nominal working electrical parameters.
3. If the external power line and signal line of the luminaire are damaged, the power source must be cut off first, and maintenance or replacement must be carried out by qualified engineering technicians
4. The power supply and the fitting must be replaced by a qualified electrician

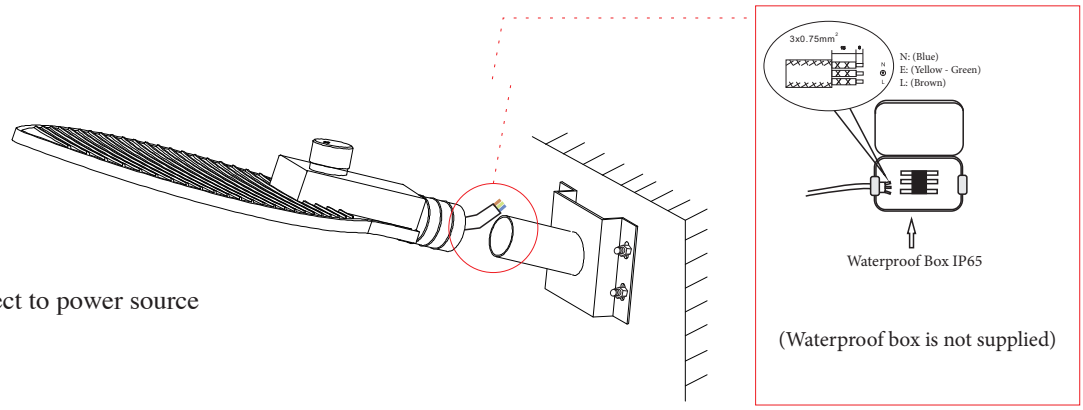


1. Install the photocell head or shorting cap according to your needs

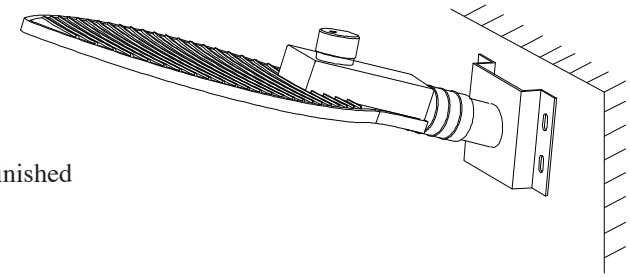
2. Punch holes according to the hole position of the bracket and install the bracket



3. Connect to power source

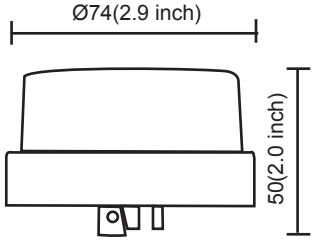


4. Installation finished



JL-208 Shorting Cap

- The shorting cap is a device that provides a closed circuit between line and load when a photocell is not used.
- When the shorting cap is fitted the circuit is closed (so the light fitting is now switchable).
- IP54/IP66 protection while installed
- Surge Protection Available (JL-208 Only)
- UV stabilized Polycarbonate Enclosure
- UV stabilized Polybutylene Base

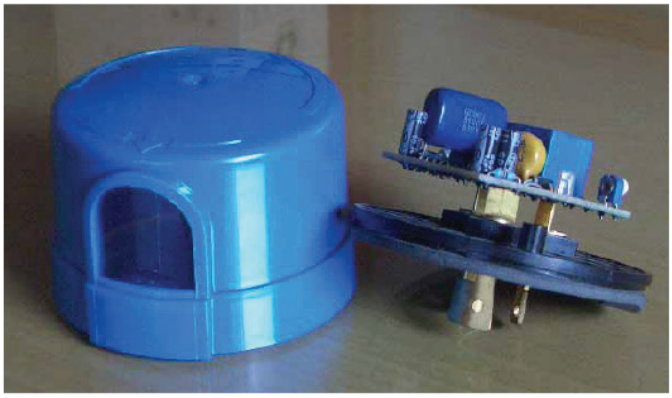


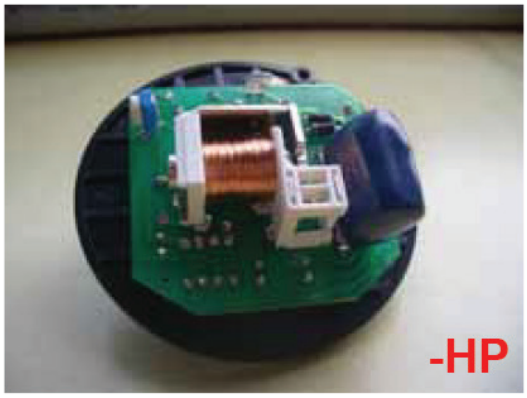
-IP54

Model No.	Cap Color	Rated load	Surge Protection	Certificate
JL-208	Black	7200W Tungsten 7200VA Ballast	-	c UL us LISTED
JL-208-15			235J / 5000A	
JL-208-23			460J / 10000A	
JL-209	Red	-	-	

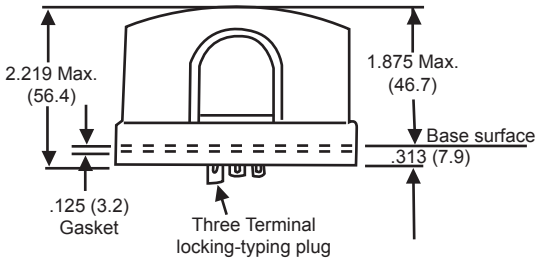
*Note: Append –IP54 or –IP65 for corresponding protection.

JL-205 series Photo controller





- ANSI C136.10-1996 Twist Lock
- Time Delay of 3-20 seconds
- Surge Arrester Built in
- Photodiode Sensor
- Fail-On Mode



Product Summary

The photocontroller JL-205 series is applicable to control the street lighting, garden lighting, passage lighting and doorway lighting automatically in accordance with the ambient natural lighting level. This product is designed with electronic circuits with sensor of photodiode and a surge arrester (MOV) is provided. Its quicker response with time delay of 3-20 seconds offers easy-to-test feature. Especially, model JL-205C provides a wide voltage range for customer applications under almost power supplies.

Further, a preset 3-20 seconds time-delay might avoid mis-operation due to spotlight or lightning during night time.

The –HP version provides constant reliability
This product provides twist lock terminals meeting the requirements of ANSI C136.10-1996 and the Standard for Plug-In, Locking Type Photocontrols for Use with Area Lighting UL773, 4th Edition, dated Jan.19th, 1995, certified by Intertek.

Technical Data

Model	JL-205A	JL-205B	JL-205C
Rated Voltage	110-120VAC	220~240VAC	110-277VAC
Applicable Voltage Range	100-140VAC	200~260VAC	105-305VAC
Rated Frequency	50/60Hz		
Rated Loading	1000W Tungsten, 1800VA Ballast		
Power Consumption	1.5VA [3VA for –HP]		
On/Off Level	6Lx On 50Lx Off		
Ambient Temp.	-40• •~ +70• •		
Related Humidity	99%		
Overall Size	84• Ðia.••x 66mm		
Weight Approx.	85 grs		

Installation

Disconnect power; wire the receptacle according to the diagram above. Push the photocontroller on and twist it clockwise to lock it into the receptacle.

Install the photocontroller with the Photocell facing the NORTH direction as indicated on the top of the photocontroller. Adjust the receptacle position if necessary.

Twist-Lock Photocontrol Receptacle - JL-200

Product Summary

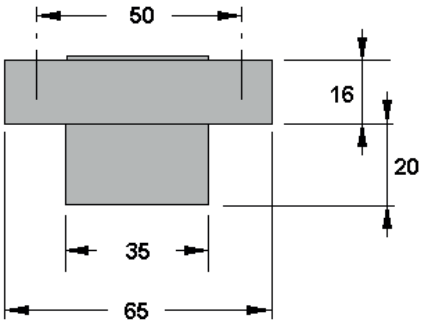
All the JL-200 series photocontrol receptacles were designed for the lanterns those without an ANSI C136.10-1996 receptacle equipped to fit a twist-lock photocontrol.

Technical Data

Model No.		JL-200X	JL-200	JL-200Z
Applicable Volt Range		0~480VAC		
Rated Frequency		50/60Hz		
Suggested Loading		AWG#18: 10Amp; AWG#14: 15Amp		
Ambient Temperature		-40• •~ +70• •		
Related Humidity		99%		
Overall Dimensions (mm)		65Dia.x38.5		65Dia.x65
Accessory	Back/Front Cover	-	• •	• •
	Zinc Alloy Lock Nut	-	• •	• •
	Mounting Plate/Base	-	-	• • 30x(70+130)
Leads		6" Min.		
Weight Approx.		80g	105g	135g

Installation

Disconnect power; wire the receptacle according to the diagram. An arrow indicating NORTH on the top of the receptacle is used to assist correct direction. Push the photocontroller on and twist it clockwise to lock it into the receptacle.
Install the photocontroller with the Photocell facing the NORTH direction as indicated on the top of the photocontroller.
Adjust the receptacle position if necessary.

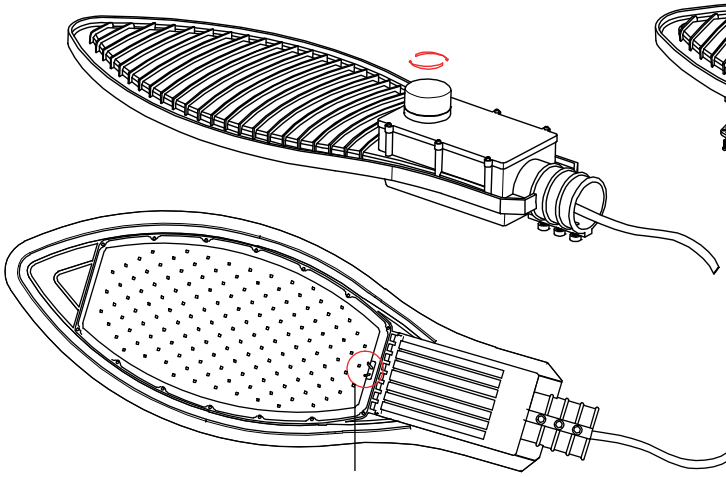


Drilling Plan

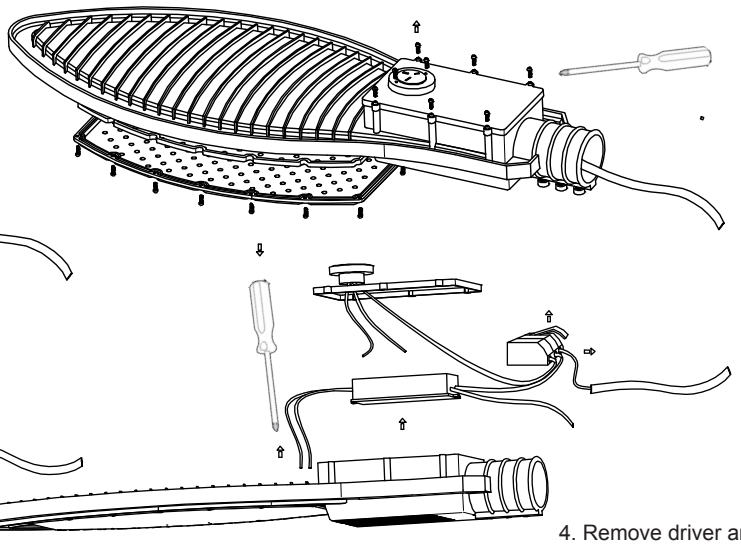
For other mounting methods, ask for the drilling plan to ensure the proper securement.

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 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 or contact your local council for further information.

1. Unscrew Photocell manually to remove for recycling



2. Unscrew base to uncover driver and control grears with screwdriver



3. To dismantle paddle from base, unscrew these screws first.

4. Remove driver and control gear to recycle

For more information contact:

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

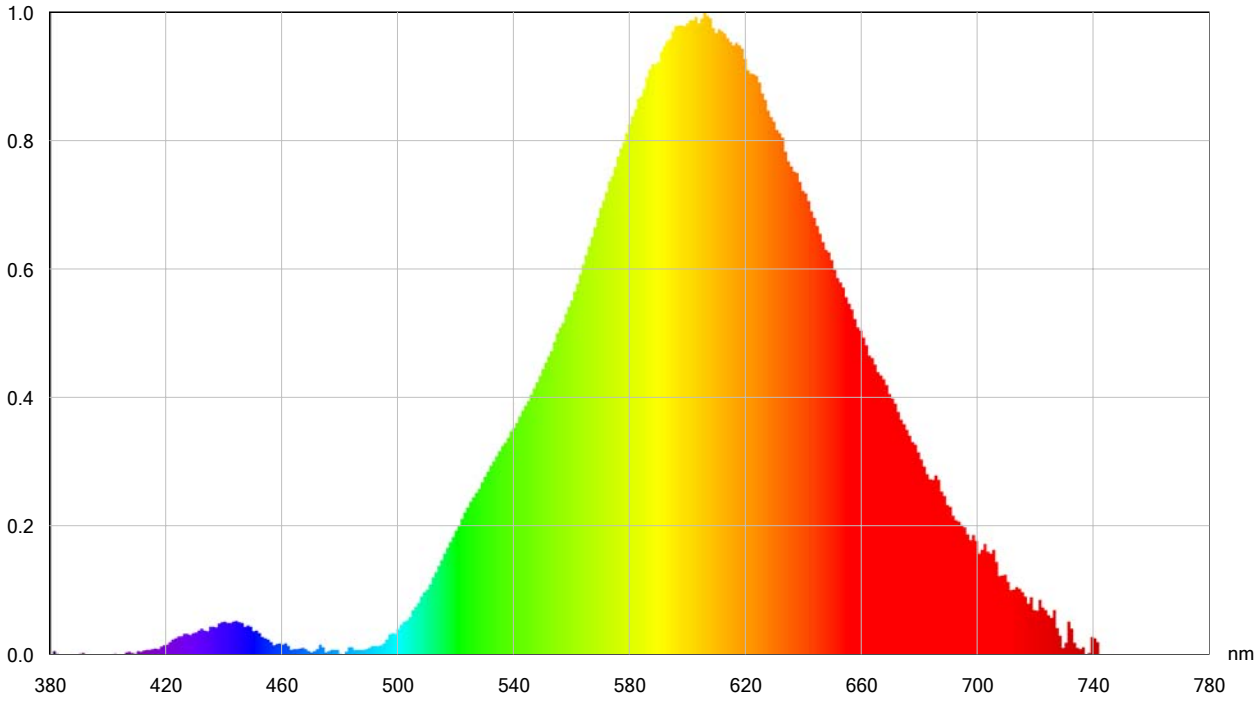
Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,
UK Ph: 0330 551 7000

Website: www.sgd.ie

SGD
Solas Geal Distribution

IP65 ErP COMPLIANT UKCA CE RoHS COMPLIANT

Spectrum Curve



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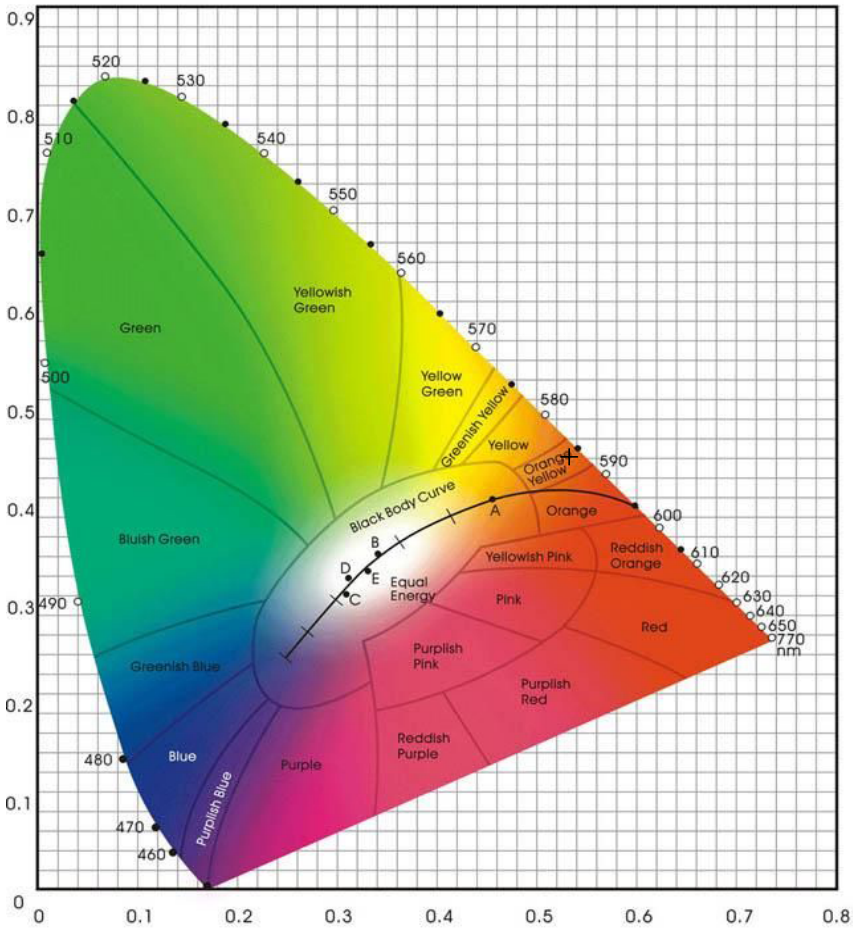
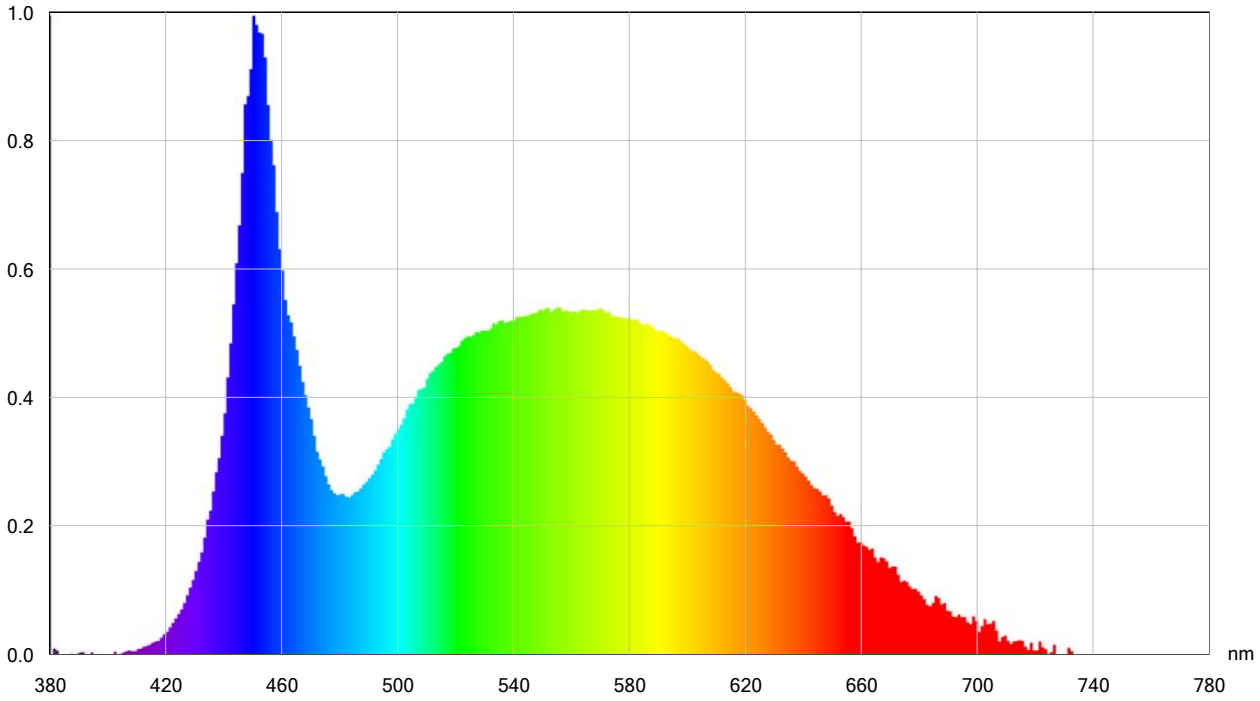


Test Apparatus Model:SSP6612 LED optic colorimetic electric comprehensive test system

Spectrum Curve



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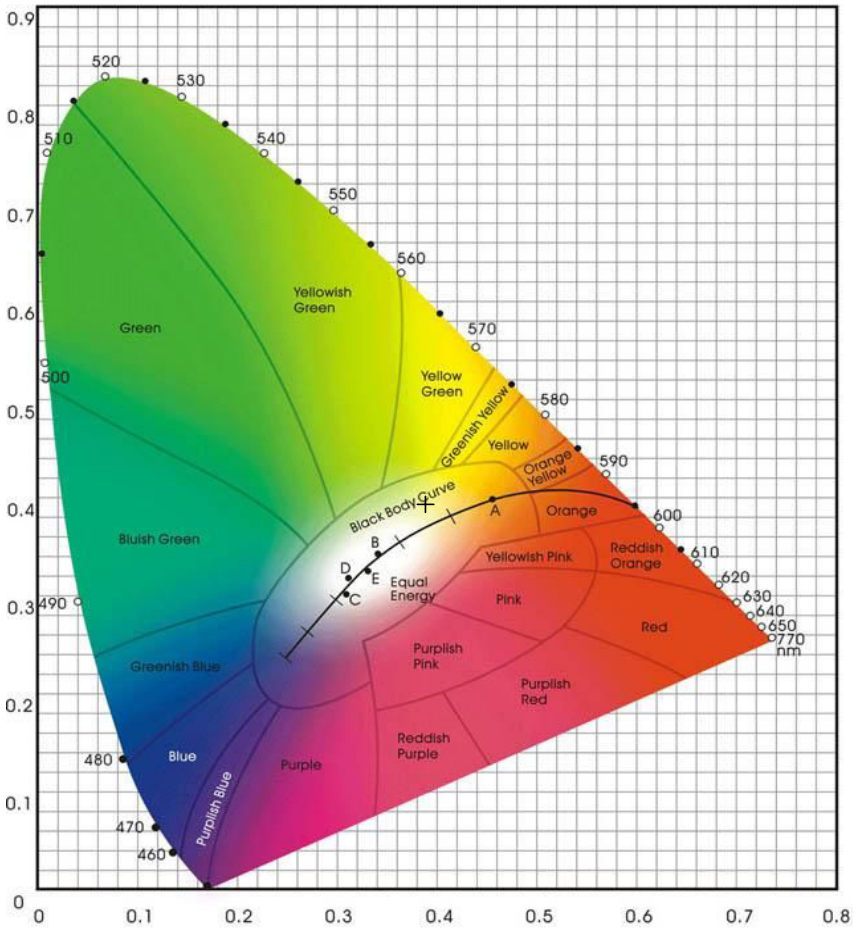

Test Apparatus Model:SSP6612 LED optic colorimetic electric comprehensive test system

EU DECLARATION OF CONFORMITY

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

Declaration Number:
036-STL-50W PC 2000K,036-STL-50W PC 4000K,
036-STL-100W PC 2000K,036-STL-100W PC 4000K

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

Products:
LED STREET LIGHT 50watt and 100watt (photocell & Bracket)

Model Number:
STL-50W PC 2000K, STL-50W PC 4000K.
STL-100W PC 2000K, STL-100W PC 4000K.

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)
RoHS (2011/65/EU) & Amendment (EU) 2017/2102

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

EN60598-1:2015, EN60598-2-3:2003+A1:2011, EN55015:2013/A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-3:2013, IEC 62321-4:2013+amd1:2017, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017

Signed: Solas Geal Distribution Limited

Date: Signed 21/10/2022

Place of Issue: Republic of Ireland