

## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

LED Spotlight

Name and address of the applicant

Lightgraphix Ltd  
20, Bourne Road Industrial Park,, Kent,  
Crayford,, DA1 4BZ,  
United Kingdom

Name and address of the manufacturer

Lightgraphix Ltd  
20, Bourne Road Industrial Park,, Kent,  
Crayford,, DA1 4BZ,  
United Kingdom

Name and address of the factory

*Note: When more than one factory, please report on page 2*

Lightgraphix Ltd  
20, Bourne Road Industrial Park,, Kent,  
Crayford,, DA1 4BZ,  
United Kingdom

☐ Additional information on page 2

Ratings and principal characteristics

Protection class: Class III;  
Protection against dust, solid object and moisture: IP67;  
Suitable for surfaces: For normally flammable surfaces;  
Classification of use: For normal use, for indoor and outdoor use;  
Construction: Metal body, plastic optic, glass diffuser;  
Supply connection: Tails;  
Lamp used: LED module - non-user replaceable;  
Ratings: 700mA max. (constant current), 14W max., 0.6kg max..

Trademark / Brand (if any)

**LightGraphix**  
Creative Lighting Solutions  
Lightgraphix

Customer's Testing Facility (CTF) Stage used

This CB Test Certificate is issued by the National Certification Body

LIA Laboratory Limited  
Stafford Park 7, Telford  
Shropshire, TF3 3BQ  
United Kingdom



theLIA  
Laboratory



Date: 2024-11-11

Signature: Jack Adams

## Model / Type Ref.

## Product code explanation:

LD10238-N1-500/LW30/MSB

LDaa(aaa)-bb(bbbb)-ccc/dddd/eee

LD – Family name – LED products

aa(aaa) – Light Engine – 10238 / 51 / 50 / 238 / 20238 / 53;

bb(bbbb) – LED module –

• C1 - C1 LED Engine - up to 2.4W @ 700mA;

• F1 - F1 LED Engine - up to 7W @ 700mA;

• E3 - E3 LED Engine - Up to 10W @ 700mA;

• N1 - N1 LED Engine - up to 14W @ 700mA;

• P1 - P1 LED Engine - up to 20W @ 500mA;

• LG2000 – Osram LF2000 LED module – up to 5.4W @ 24Vdc;

• LG1300 – Osram LF1300RGBW LED module – up to 5.6W @ 24Vdc;

ccc – Drive current – 350 / 500 / 700 – 350mA / 500mA / 700mA;

ddddd – Colour temperature (CCT) – LW22 / LW27 / LW30 / LW40 / LW50 – 2200K / 2700K / 3000K / 4000K / 5000K;

eee – Beam angle –

• For C1 engines – OB / EOB

• For F1 engines – MSB / WB / WWB / OB

• For E3 engines – ENB / NB / MB / WB / WWB / OB

• For N1 engines – NB / MSB / MB / WB / WWB / OB

• For P1 engines – NB / MSB / MB / WB / WWB / OB

Additionally, there is an option of choosing of colour and fixing device. Those options are not present on the product label.

Finish – Silver Anodised / Antique Bronze / Satin Antique Brass / Satin Brass / Anthracite Grey / Black / White / Textured Mars Bronze / Textured Fir Green / RAL Colours (client specified);

Fixing system - SAM surface adjustable arm, /SMB surface mount base, /GSA adjustable ground spike, /SMBEX surface mount base with extended arm, /GS ground spike or /TS tree strap /GSF Fixed ground spike, /GSAT Adjustable tilt ground spike, /SMB53 Surface mount base, /SMBEX53 Extended surface mount base, /SMBEXAT53 Adjustable tilt extended surface mount base, /GSP Ground spike plate

Additional information (if necessary may also be reported on page 2)

☐ Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60598-1:2020, IEC 60598-2-1:2020

## National differences:

AE, AR, AU, BR, CL, CO, EU A-Deviations, EU Group Differences, EU Special National Conditions, ID, JP, KR, MX, MY, NG, NZ, RU, SA, SG, TH, TR, UA, VN, ZA

## Comments:

This certificate GBLIA0209/M1 was issued to reflect changes in original test report CB1193, additional family variants have been added. Assessment of additional family variants is available in report L20707. This certificate shall be always used in conjunction with original certificate GBLIA0209.

As shown in the Test Report Ref. No. which forms part of this Certificate

L20707

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