

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

CB TEST CERTIFICATE

Product

Recessed luminaire

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: IP68 & IP65;
Suitable for surfaces: For normally flammable surfaces;
Classification of use: For normal use;
Construction: Metal body, glass diffuser;
Supply connection: Tails;
Lamp used: LED module - non-user replaceable;
Ratings: 700mA max. (constant current), 2.4W max., ta 50°C

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

Date: 2024-07-24

Signature: Anton Borovy

theLIA
Laboratory



Model / Type Ref.

LD57, LD242, LD242A, LD42

Product code explanation

LDaa-C1-bbb/cccc/dddd/e/fff

LD – Family name – LED products

aa – Light Engine – 57 / 242 / 242A / 42;

C1 – LED module – C1 - C1 LED Engine - up to 2.4W @ 700mA,

bbb – Operating current (mA) – 350 / 500 / 700;

cccc – Colour temperature (CCT) – LW22 (Super Warm White 2200K) / LW27 (Extra Warm White 2700K) / LW30 (Warm White 3000K) / LW40 (White 4000K) / LW50 (Cool White 5000K) / LR *Red) / LG (Green) / LB (Blue) / LA (Amber);

ddd – Beam angle – NB / MB / WB / OB – Narrow spot 12° / Medium 31° / Wide 48° / Oval 12x36°;

e – (available only for LD42) Optical option – A / L – 20° tilt / No tilt;

fff – (available only for LD42 and LD242A) - Glare shield – GS / NGS / GS44-45 / GS44-70;

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

Finish – 316 Stainless steel / Polished & Passivated 316 Stainless Steel /

Paint finish black (RAL9005) / Paint finish classic bronze (YM262E) / Paint

finish gunmetal grey (RAL 7021) / Paint finish white (RAL 9016) / RAL Colours (client specified) / Hard anodised aluminium / ;

Fixing & Accessories – SC (Spring clip fixing) / 476 ('O' rings and sleeve) /

242N (Concrete housing)

/ 476 ('O' rings and sleeve) / 480 (O-rings and sleeve)

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 60598-2-2:2023

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

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

CB1205

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