

LIA Laboratory Limited



Certificate of Product Certification

Certificate Number: **010-0139**

This is to certify that 'Recessed luminaire'

Model Ref: LD57 (refer to Family variant table)

Placed on the market by:

LightGraphix

Creative Lighting Solutions

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

meet the requirements of the LIA Laboratory Product Conformity Scheme 'TSD-010'.

24 July 2024

Date of Initial Registration

24 July 2024

Date of Last Issue

24 July 2027

Date of Expiry

The validity of this certificate is subject to continuing conformity with The LIA Laboratory Ltd.'s TSD-010 scheme requirements. The absence of any products listed on certificate but not on the LIA Laboratory certification website indicates that certification of that product is no longer valid.

This certificate supports the requirements of the UK Legislation, regulation UK SI 2016 No. 1101 – The Electrical Equipment (Safety) Regulations 2016 and/or EU Legislation, LVD directive 2014/35/EU.



theLIA
Laboratory



5449

A handwritten signature in black ink, appearing to read 'Anton Borovy'.

Anton Borovy
Certification Business & Accreditation
Manager

Signed on behalf of LIA Laboratory Ltd

Issued by: LIA Laboratory Ltd, Stafford Park 7,
Telford, Shropshire, TF3 3BQ

For verification of this certificate please visit
www.lialabcert.org.uk/certificates-search

Manufacturer:

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

Standard(s)

IEC 60598-2-2:2023;
BS EN IEC 60598-2-2:2024;
IEC 60598-1:2020;
BS EN IEC 60598-1:2021+A11:2022

National differences

European national differences (CENELEC), AE, AR, AU, BR, CL, CO, ID, JP, KR, MX, MY, NG, NZ, RU, SA, SG, TH, TR, UA, VN, ZA

Test report(s)

CB1205

Technical 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;
Used lamp.....	LED module – non-user replaceable;
Ratings.....	700mA max. (constant current), 2.4W max., ta 50°C

Family Variants: Recessed luminaire				
Model number	Current (mA)	Light source (W)	IP rating	Fixing options
LD57	350	1.2 /	IP68	/SC Spring clip fixing /476 'O' rings and sleeve
LD242	/			-
LD242A	500	1.7 /		/242N Concrete housing /476 'O' rings and sleeve
LD42	700	2.4		/480 O-rings and sleeve /SC Spring clip fixing

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)