



# CERTIFICATE OF PRODUCT CERTIFICATION

Certificate Number: **012-0067**

*This is to certify that 'Dickens Heritage Lantern'  
Model Ref: 770aa-bb-c-dd-XX-e-f-ggg (refer to Family Variants Table)*

Placed on the market by:



Mitchell Close,  
West Portway Industrial Estate,  
Andover,  
Hampshire,  
SP10 3TJ,  
United Kingdom

*meet the requirements of the LIA/CIBSE Assured Product Verification Scheme  
'TSD-012, v1'.*

**18 March 2024**

**Date of Initial Registration**

**18 March 2024**

**Date of Last Issue**

**18 March 2027**

**Date of Expiry**

The validity of this certificate is subject to continuing conformity with The LIA/CIBSE's TSD-012 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on certificate but not on the LIA Laboratory certification website indicates that certification of that product is no longer valid.



Bob Bohannon  
Head of Policy & Sustainability

**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](http://www.lialabcert.org.uk/certificates-search)

**MANUFACTURER**

Pudsey Diamond Engineering Ltd,  
Mitchell Close,  
West Portway Industrial Estate,  
Andover,  
Hampshire,  
SP10 3TJ,  
United Kingdom

**STANDARD(S)**

TM66:2021,  
CEAM Beta

**SCORE**

2.7

*Delivered by*

theLIA  
Laboratory



**Family variant table – Dickens Lantern**

Model Number	Product Description	Max. Power (W)	Frequency (Hz)	Nominal voltage	CCT Options (K)	
7700-bb-8-dd-XX-V-f-780	Dickens Lantern – Varoptic LED	75	50-60	220-204	2700 / 3000 / 4000	
7700-bb-7-dd-XX-V-f-780	Dickens Lantern – Varoptic LED	65				
7700-bb-6-dd-XX-V-f-780	Dickens Lantern – Varoptic LED	56				
7700-bb-5-dd-XX-V-f-780	Dickens Lantern – Varoptic LED	47				
7700-bb-4-dd-XX-V-f-780	Dickens Lantern – Varoptic LED	36				
7700-bb-3-dd-XX-V-f-780	Dickens Lantern – Varoptic LED	28				
7700-bb-c-dd-XX-C-f-210	Dickens – COB LED 210mA	10			3000 / 4000	
7700-bb-c-dd-XX-C-f-420	Dickens – COB LED 420mA	20.4				
7700-bb-c-dd-XX-C-f-630	Dickens – COB LED 630mA	30.5				
7700-bb-c-dd-XX-C-f-840	Dickens – COB LED 840mA	40.9				
7700-bb-c-dd-XX-C-f-1050	Dickens – COB LED 1050mA	51.5				
7700-bb-c-dd-XX-C-f-gggg	Dickens Lantern – Array LED - 16	40				
7700-bb-c-dd-XX-C-f-gggg	Dickens Lantern – Array LED - 32	75				
7700-bb-c-dd-XX-C-f-gggg	Dickens Lantern – Array LED - 48	110				
7700-bb-c-dd-XX-J-f-gggg	Dickens Lantern – JEWEL - 3 LED	16.7				2200
7700-bb-c-dd-XX-J-f-gggg	Dickens Lantern – JEWEL - 4 LED	22.2				
7700-bb-c-dd-XX-J-f-gggg	Dickens Lantern – JEWEL - 6 LED	33.3				

**Product code explanation – Dickens Lantern**

7700-BK-8-30-XX-V-25-780

77aa-bb-c-dd-XX-e-f-gggg

77aa – Family name – Dickens lantern,

aa – frame type – 00 / 05 – fabricated base / cast base;

bb – colour – BK / SP – Black / Special (random colour);

c – amount of LED units – 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 (for products with Varoptic LED module) / 16 / 32 / 48 (for products with Array LED module; products equipped with COB have only one light source; products equipped with JEWEL 3 / 4 / 6);

dd – CCT – 22 / 27 / 30 / 40 – 2200K / 2700K / 3000K / 4000K;

XX - Photocel/CMS option – not covered under the scope of certification;

e – light source – C / V / A / J - COB / VAROPTIC / ARRAY / JEWEL;

f – light distribution – 2 / 3 / 5 / 15 / 25;

gggg – LED module current (mA) – 210 / 420 / 630 / 780 / 820 / 900 / 1050 (For Varoptic, up to 780mA, for COB up to 1050mA, for LED Array up to 820mA; for JEWEL up to 800mA).