



CERTIFICATE

№ EMC- 21- 000 - (2emc-21-623)- 047E

"CTEC" Ltd. certifies that:

Product

LIGHTING FIXTURE

trade mark: **ELECTROSTART**

Item: LED Glow Economy 40W 120 lm/W D66 External 4000 K
ref.№: 981240120042158

220-240 V AC; 50/60 Hz; 40 W; Class II

Model representative of serie: LED Glow Economy – see page 2

Applicant

"ELECTROSTART" JSCo., Bulgaria

2, Republika Blvd., 3540 Varshets, Bulgaria

Tel: +359 2 400 7011, fax: + 359 2 400 7012

www.electrostart.com

Manufacturer

"ELECTROSTART" JSCo., Bulgaria

2, Republika Blvd., 3540 Varshets, Bulgaria

Tel: +359 2 400 7011, fax: + 359 2 400 7012

www.electrostart.com

Complies with the

EN IEC 55015:2019 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN IEC 61000-3-2:2019 Electromagnetic compatibility

Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013 +A1:2019 Electromagnetic compatibility (EMC)-

Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 61547:2009 Equipment for general lighting purposes EMC immunity requirements

EN 61000-4-2:2009 Electromagnetic compatibility (EMC)

Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test

EN 61000-4-4:2012 Electromagnetic compatibility (EMC)

Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

EN 61000-4-5:2014+A1:2017 Electromagnetic compatibility (EMC)

Part 4-5: Testing and measurement techniques - Surge immunity test

EN 61000-4-6:2014 Electromagnetic compatibility (EMC)

Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

EN 61000-4-8:2010 Electromagnetic compatibility (EMC)

Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test

EN IEC 61000-4-11:2020 Electromagnetic compatibility

Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase

Certificate has been issued on the base of

Test reports:

№ 2emc-21-623/28.09.2021 № 2emc-e-21-623/28.09.2021

The *Certificate* of conformity is based on the assessment of the above mentioned product and its technical file and does not include an assessment of the manufacturing process.

Date of issue: 2021-09-28
Stara Zagora

Manager CTEC Ltd.
/dipl. eng. Blagovesta Shineva



ANNEX 1
To the Certificate № EMC- 21- 000- (2emc-21-623)- 047E

Serie: LED Glow Economy	
LED Glow Economy 36W D66 100lm/W 3000K	LED Glow Economy 36W D312 100lm/W 3000K
LED Glow Economy 36W D66 100lm/W 4000K	LED Glow Economy 36W D312 100lm/W 4000K
LED Glow Economy 36W D66 100lm/W 6500K	LED Glow Economy 36W D312 100lm/W 6500K
LED Glow Economy 36W D66 120lm/W 3000K	LED Glow Economy 36W D312 120lm/W 3000K
LED Glow Economy 36W D66 120lm/W 4000K	LED Glow Economy 36W D312 120lm/W 4000K
LED Glow Economy 36W D66 120lm/W 6500K	LED Glow Economy 36W D312 120lm/W 6500K
LED Glow Economy 40W D66 100lm/W 3000K	LED Glow Economy 40W D312 100lm/W 3000K
LED Glow Economy 40W D66 100lm/W 4000K	LED Glow Economy 40W D312 100lm/W 4000K
LED Glow Economy 40W D66 100lm/W 6500K	LED Glow Economy 40W D312 100lm/W 6500K
LED Glow Economy 40W D66 120lm/W 3000K	LED Glow Economy 40W D312 120lm/W 3000K
LED Glow Economy 40W D66 120lm/W 4000K	LED Glow Economy 40W D312 120lm/W 4000K
LED Glow Economy 40W D66 120lm/W 6500K	LED Glow Economy 40W D312 120lm/W 6500K
LED Glow Economy 36W 100lm/W D66 UGR 3000K	LED Glow Economy 36W D312 100lm/W UGR 3000K
LED Glow Economy 36W 100lm/W D66 UGR 4000K	LED Glow Economy 36W D312 100lm/W UGR 4000K
LED Glow Economy 36W 100lm/W D66 UGR 6500K	LED Glow Economy 36W D312 100lm/W UGR 6500K
LED Glow Economy 40W 120lm/W D66 UGR 3000K	LED Glow Economy 36W D312 120lm/W UGR 3000K
LED Glow Economy 36W 120lm/W D66 UGR 4000K	LED Glow Economy 36W D312 120lm/W UGR 4000K
LED Glow Economy 40W 120lm/W D66 UGR 6500K	LED Glow Economy 36W D312 120lm/W UGR 6500K
	LED Glow Economy 40W D312 100lm/W UGR 3000K
	LED Glow Economy 40W D312 100lm/W UGR 4000K
	LED Glow Economy 40W D312 100lm/W UGR 6500K
	LED Glow Economy 40W D312 120lm/W UGR 3000K
	LED Glow Economy 40W D312 120lm/W UGR 4000K
	LED Glow Economy 40W D312 120lm/W UGR 6500K

Date of issue: 2021-09-28
 Stara Zagora

Manager CTEC Ltd.
 /dipl. eng. Blagovesta Shineva

