

CEAG ExLin technical specifications:

Certifications and compliances:

IECEX / ATEX Standards:

EC-Type Examination Certificate

- BVS 18 ATEX E 037 X

IECEX-Certification of conformity

- IECEX BVS 18.0028X

Marking accd. to 2014/34/EU

- Ex II 2G Ex eb ib op is q IIC T4/T5 Gb
- Ex II 2D Ex tb op is IIIC T80/115°C Db

Marking accd. to IECEx

- Ex eb ib op is q IIC T4 Gb
- Ex tb op is IIIC T80/115°C Db

Permissible ambient temperature, depending on configuration

- -40°C up to +55°C* for ExLin 3L, 5L, 7L
- -40°C up to +55°C* for ExLin 10L

Degree of protection accd. to EN 60529

- IP66/67

IK-class according to IEC/EN 62262

- IK10



LED system:

- Light colour / CRI: 5000K / 70 and 80 CRI and 4000K / 80 CRI
- Optics: Standard, narrow beam, wide beam.

Fixture life (IEC 62722):

LED

- L90 ~100,000 h at ta = +25 °C
- L85 ~75,000 h at ta = +55 °C

Control gear

- C5 ~100,000 h at ta = +25 °C
- C10 ~75,000 h at ta = +55 °C

Standard materials:

- Fixture enclosure - Glassfibre reinforced polyester
- LED module cover - toughened glass or plastic-laminated glass, clear or opaque

Dimensions and weights:

ExLin 3L-1 and 5L-1

- 770x201x115 mm
- 6.7 kg

ExLin 5L-2, 7L-2 and 10L-2

- 931x201x115 mm
- 8.0 kg

* Up to +50°C for 3L-1 and 5L-2 with through wiring and plastic cable glands. Up to +45°C for 5L-1, 7L-2 and 10L-2 with through wiring and plastic cable glands.

Electrical ratings:

Model	ExLin 3L-1	ExLin 5L-1 / 5L-2	ExLin 7L-2	ExLin 10L-2
Voltage**	110 up to 277 V AC/DC	110 up to 277 V AC/DC	110 up to 277 V AC/DC	220-277 V AC/DC
Power consumption	22W	44W	67W	88W
Lumens (clear glass cover) †	2750	5300	8120	10600
Lumens (frosted glass cover) †	2370	4580	6920	9160
Frequency	0/50 - 60 Hz	0/50 - 60 Hz	0/50 - 60 Hz	0/50 - 60 Hz
Inrush current	5A for 1ms	5A for 1ms	9A for 1ms	9A for 1ms
Power factor cos φ @ 230 V	≥ 0.92	≥ 0.95	≥ 0.95	≥ 0.98
Circuit	EVG	EVG	EVG	EVG
Protection class	I	I	I	I
Immunity to surge voltages according to EN6100-4-5	4 kV, L-N and L-PE	4 kV, L-N and L-PE	4 kV, L-N and L-PE	4kV, L-N and L-PE
THD @230V	8%	5%	5%	5%

** Voltage for V-CG-S models: 220-254 V AC / 195-250 V DC

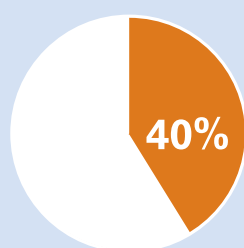
† Lumen values apply to 5000K light colour, 70 CRI fixtures. Lumen output may vary slightly for different models.

LED vs. fluorescent savings at a glance

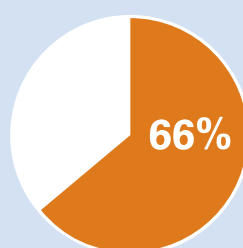
Why are so many facilities making the switch from fluorescent to LED?

The numbers say it all.

CEAG ExLin vs. x 36W Fluorescent



40% REDUCTION IN ENERGY COSTS



66% LOWER TOTAL COST OF OWNERSHIP



100% LAMP MAINTENANCE REDUCTION

Assumptions: Calculations based on overall life of the LED system. Energy cost of €0.09 per kilowatt; 24 hour per day operation; labor rate of €75 each for 2 workers; average time for fixture maintenance of 2 hours.