Explosion protected
linear light fixture

CROUSE-HINDS
SERIES

ExLin series

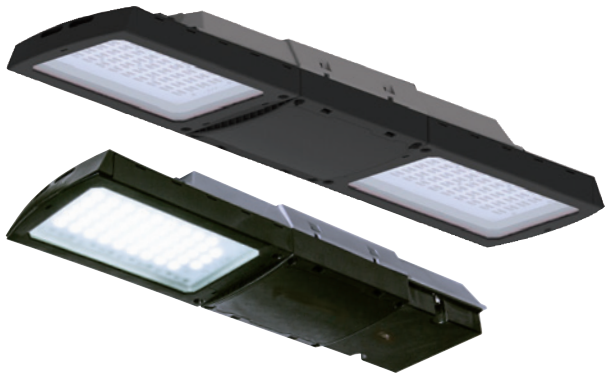
LED linear fixtures for hazardous areas

EATON
Powering Business Worldwide

Introducing ExLin / NE+

A linear LED engineered for use in Zone 1 and 21 hazardous areas.

CEAG product line's ExLin / NE+ delivers longer life, improved efficiency and superior performance with a competitive payback vs. fluorescent fixtures.



The following ExLin models will replace 2x18 W, 2x36 W and 2x58 W fluorescent fixtures, as well as low bay fixtures above 150 W HID

Model	Typical lumens with clear glass lens and wide optic	Wattage	Lumens per watt	Equivalent fluorescent luminaire	Typical energy savings/ lifetime
ExLin 3L-1	3060 lm	24 W	> 124	2 x 18 W	> 40%
ExLin 5L-1	5890 lm	47 W	> 125	2 x 36 W	> 40%
ExLin 5L-2	6110 lm	47 W	> 130	2 x 36 W	> 40%
ExLin 7L-2	9030 lm	70 W	> 127	2 x 58 W	> 40%
ExLin 10-2	11780 lm	88 W	> 133	> 2 x 58 W	> 40%

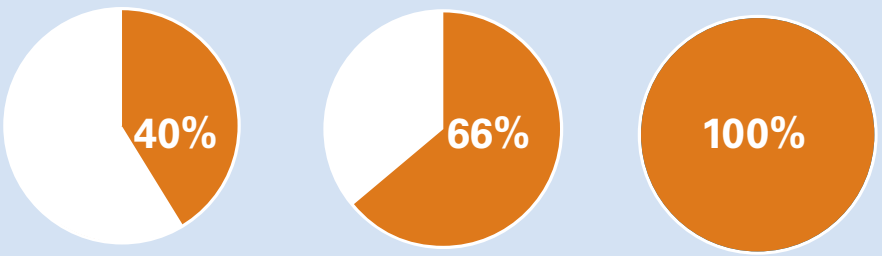
Values for glass, clear and wide optic versions with CRI70, CCT5000K

LED vs. fluorescent savings at a glance

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

The numbers say it all.

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 €.09 per kilowatt; 24 hour per day operation; labor rate of €75 each for 2 workers; average time for fixture maintenance of 2 hours.

Why ExLin LED?

Safe, reliable, efficient. CEAG product line's ExLin fixtures combine state-of-the-art LED technology with optimised thermal management and a time-tested enclosure to extend service life in extreme environments.

Superior performance and efficiency

- Replaces 2x18 W, 2x36 W and 2x58 W fluorescent fixtures, as well as low bay fixtures over 150 W HID
- Rated life of 100,000 hours at 25 °C based on L90C5 provides long term, low-maintenance operation
- Up to 40 % energy efficiency compared to traditional fluorescent fixtures
- Operating temperature from -40 °C to +55 °C

Optimised light distribution with optics and lens options

- Standard, narrow and wide beam optics optimise light distribution, providing light where the customer needs it with the potential to reduce the number of fixtures required
- Clear or diffused (frosted) lens available in glass provides application flexibility
- Optional laminated glass lens with extended plastic foil prevents glass from falling - ideal for safe use in critical processes in food and beverage, chemical and pharmaceutical applications

Low profile and lightweight design with drop in mounting compatibility to eLLK fluorescent

- ExLin minimizes footprint in confined applications and simplifies installation efforts
- ExLin has same fixing points as eLLK 2x18W fixtures.
- Additionally, ExLin-L has same fixing points as 36W and 58W fluorescent fixtures.
- Upgrading conventional installation to LED is easy and quick with the ExLin and ExLin-L series.

Large connection space and innovative terminal technology for simple and quick electrical installation

- The new 5-pole push-type terminals (optional) enable easy connection of the cables and reduce the amount of work required.

Emergency lighting function with central battery system

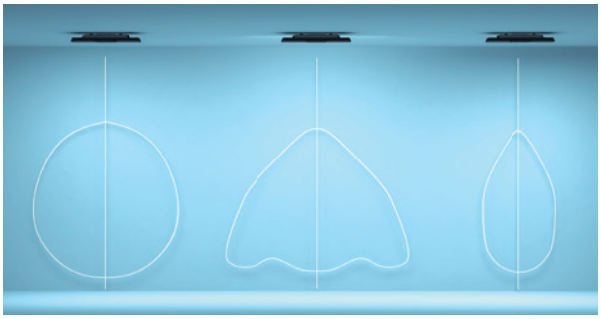
- Available with V-CG-S functionality. Safe and reliable lighting via Eaton's central battery system.
- Each fixture can be set to 25%, 50% or 100% light output in emergency lighting mode. This allows for optimization of the battery capacity to provide a long duration of emergency lighting.

Designed for reliability in the most demanding environments

- Passed dynamic vibration test acc. EN60068-2-6
- Passed windload test up to 316 km/h acc. EN60598-2-3
- Fixture design optimised to avoid water condensation inside the fitting

State-of-the-art LED technology coupled with a long history of hazardous area lighting design expertise

- LED light strings operate independently. Should one string fail, all other strings will continue to work, avoiding complete loss of illumination
- Enclosure material is time-tested and field-proven for durability in harsh and hazardous applications globally
- Optimised thermal management for extending service life in extreme environments



standard **wide** **narrow**

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 T80/110°C Db

Marking accd. to IECEx

- Ex eb ib op is q IIC T4 Gb
- Ex tb op is IIIC T80/110°C Db

Permissible ambient temperature, depending on configuration

- -40 °C up to +55 °C* for ExLin 3L, 5L, 7L
- -40 °C up to +45 °C* for ExLin 10L

Degree of protection accd. to EN 60529

- IP66/67

IK-class according to IEC/EN 62262

- IK10

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

ExLin 3L-1 and 5L-1 models

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

ExLin-L 5L-1, 5L-2, 7L-2 and 10L-2 models

LED system:

- Light colour / CRI:
  5000K with CRI70 or 80
  4000K with CRI70 or 80
  3000K with CRI70 or 80
  6500K with CRI70
- 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

ExLin-L 5L-1, 5L-2, 7L-2 and 10L-2

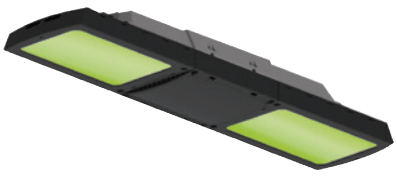
- 1332x201x115 mm
- 12,0 kg

Electrical ratings:

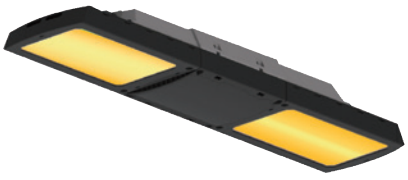
Model	ExLin 3L-1	ExLin 5L-1 / 5L-2 ExLin-L 5L-1 / 5L-2	ExLin 7L-2 ExLin-L 7L-2	ExLin 10L-2 ExLin-L 10L-2
Voltage**	110 up to 277 V AC/DC	110 up to 277 V AC/DC	110 up to 277 V AC/DC	220-277 V AC/DC
Power consumption	25 W	47 W	71 W	88 W
Lumens (clear glass cover (GCW)) †	3060 lm	5890 / 6110 lm	9030 lm	11780 lm
Lumens (frosted glass cover (GFS)) †	2530 lm	4870 / 5050 lm	7450 lm	9730 lm
Frequency	0/50 - 60 Hz	0/50 - 60 Hz	0/50 - 60 Hz	0/50 - 60 Hz
Inrush current	5 A for 1 ms	5 A for 1 ms	9 A for 1 ms	9 A for 1 ms
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	4 kV, 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 5000 K light colour, 70 CRI fixtures. Lumen output may vary slightly for different models.



Green filter versions for safety shower/eye wash solutions available.



Amber filter vesions for Wildlife friendly solutons available.

Catalog Numbering System:

Part number example

ExLin 5L-1 G C S 7 50 T1 1/6 M25K

ExLin linear, 5610 lumens, glass lens, clear lens, standard light beam, >70 CRI, 5000K, Type 2410-4 terminals, single-ended wiring, M25 plastic cable gland

ExLin(-L) 5L-1 G C S 7 50 T1 1/6 M25K

Version / LED modules

3L-1	1 x LED module 24
5L-1	1 x LED module 48
5L-2	2 x LED module 24
7L-2	2 x LED module 36
10L-2	2 x LED module 48

.Emergency light function

BLANK	Standard, without em. lighting
V-CG-S	with V-CG-S functionality*1
NE+	see page 1.2.8

Protective cover material

G	Glass
F	Glass laminated with splitter protection foil

Protective cover type

C	Clear
F*2	Opaque (Frosted)

CCT

40	4000 K
50	5000 K
G50	green filter foil
Y30	yellow filter foil

CRI

7	>70
8	>80
G	5000
Y	3000

Light distribution

S*2	Standard
N	Narrow beam
W	Wide beam
R*2	Stray ligth protection grid

Through wiring

1/6	Single-ended
2/6	Twin-ended

Terminals

T1	Type 2410-4 max 6 mm²
T3	Push-type 5-pole max 4 mm²
XX	On request

Cable gland / thread

M25K	M25 plastic glands
M20M	M20 metallic threads
M25M	M25 metallic threads

*1 Not available for 10L-2

Additional terminal, CCT and CRI options available.
Please consult factory or authorized Eaton's Crouse-Hinds Division sales representative.

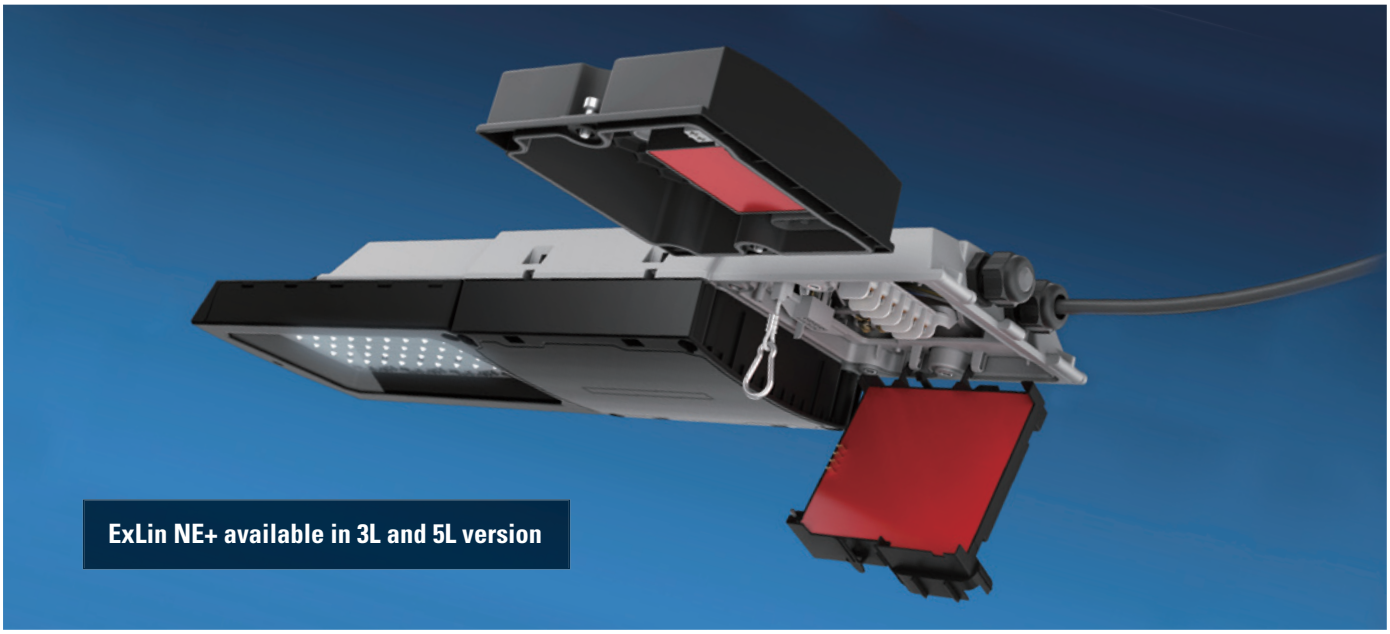
*2 with **Opaque (Frosted) (F)** version only **Standard (S)** or **Stray light protection grid (R)** possible

Example: ExLin	5L-1 G C S 7 50 T1 1/6 M25K	Order-No.: Key	Example Order-No.: 12300 1 4 0 101	Example: ExLin description
ExLin	3L-1	xxxxx x 2 x xxx		
ExLin	5L-1	xxxxx x 4 x xxx	xxxxx x **4** x xxx	**5300lm single sided**
ExLin	5L-2	xxxxx x 5 x xxx		
ExLin	7L-2	xxxxx x 7 x xxx		
ExLin	10L-2	xxxxx x 9 x xxx		
ExLin	G	12300 x x x xxx	**12300** x x x xxx	**Standard, glass cover**
ExLin	F	12301 x x x xxx		
ExLin	G50	12302 x x x xxx		
ExLin	Y30	12304 x x x xxx		
ExLin	V-CG-S G	12310 x x x xxx		
ExLin	V-CG-S F	12311 x x x xxx		
ExLin	-L*	12400 x x x xxx		
ExLin	C S	xxxxx x x 0 xxx	xxxxx x x **0** xxx	**Clear cover, standard light beam**
ExLin	C N	xxxxx x x 1 xxx		
ExLin	C W	xxxxx x x 2 xxx		
ExLin	C R	xxxxx x x 4 xxx		
ExLin	F S	xxxxx x x 5 xxx		
ExLin	750	xxxxx 1 x x xxx	xxxxx **1** x x xxx	**CRI >70, CCT 5000 K**
ExLin	740	xxxxx 2 x x xxx		
ExLin	850	xxxxx 3 x x xxx		
ExLin	840	xxxxx 4 x x xxx		
ExLin	830	xxxxx 5 x x xxx		
ExLin	G50	12302 x x x xxx		
ExLin	Y30	12304 x x x xxx		
ExLin	1/6 M25K	xxxxx x x x 101	xxxxx x x x **101**	**Single ended wiring with M25 plastic glands**
ExLin	2/6 M25K	xxxxx x x x 103		
ExLin	1/6 M20M	xxxxx x x x 109		
ExLin	2/6 M20M	xxxxx x x x 111		
ExLin	1/6 M25M	xxxxx x x x 609		
ExLin	2/6 M25M	xxxxx x x x 611		

*ExLin-L available only in 2/6 (double-sided) configuration.

Why ExLin NE+ LED?

Safe, reliable, efficient. ExLin NE+ emergency light fittings combine environmentally friendly batteries and state-of-the-art LED technology with optimised thermal management and a time-tested enclosure to extend service life in extreme environments. Installation and maintenance efforts are significantly reduced thanks to the innovative battery design.



Emergency light fittings with a self-contained battery system

- Decentralized solution for the mandatory emergency lighting in case of power failure via highly efficient $LiFePO_4$ * ensure a safe and reliable illumination acc. EN EN 60598-2-22
- ExLinNE+ is available with 3L -1 or 5L -1 and delivers appr. 2160 lm / 1080 lm for 1.5 h / 3 h in emergency mode with GCW versions of 5000 K and 70 CRI
- Emergency lighting duration can be set locally for 1.5 or 3 hour With integrated battery heater, it is also possible to charge the $LiFePO_4$ * battery below 0°C.

Reliable performance in harsh and hazardous environments

- Temperature range extended significantly: extremely wide operating ambient temperature range of -40 °C to +45 °C with homogeneous light distribution
- Improved charging capabilities ensure a more stable and robust charging cycle, thus resulting in longer lifetime
- $LiFePO_4$ * battery has no memory effect and has more stable capacity for emergency lighting compared to standard NiCd batteries

Tests acc. DIN EN 50172 and clear visualisation

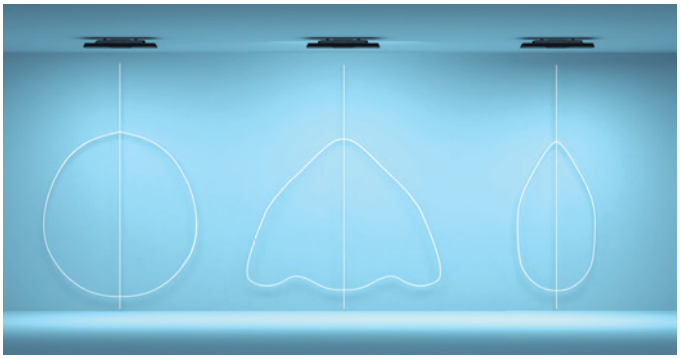
- The luminaires have integrated monitoring software that monitors the functions of the luminaire and performs the prescribed function tests and quarterly, partial duty-cycle test in accordance with DIN EN 50172 and DIN V VDE 0108-100-1 automatically
- 2 diode LED display shows charge and battery status of the luminaire

Simplified installation and maintenance in the Ex area

- Longer storage without recharging compared to NiCd possible
- Hot Swap technology allows an easy exchange of the battery in the Ex area without disconnecting the power supply

Reliable emergency lighting

- In order to achieve the minimum operating time required for the emergency lighting mode, the power consumption and consequently the illuminance is reduced. ExLin NE+ can vary the power consumption of the entire LED module in emergency lighting mode via their electronics. This enables homogeneous illumination of escape routes in accordance with the local conditions, even in the emergency lighting mode.
- Selection of standard, narrow and wide beam optics ensures ideal illumination according to specific environments and applications



standard **wide** **narrow**

* Lithium-Iron-Phosphate

ExLin NE+ 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 mb op is q IIC T4/T5 Gb
- Ex II 2D Ex tb op is IIIC T80/110°C Db

Marking accd. to IECEx

- Ex eb ib mb op is q IIC T4 Gb
- Ex tb op is IIIC T80/110°C Db

Permissible ambient temperature, depending on configuration

- -40 °C up to +45 °C* for ExLin NE+ 3L, 5L,

  specified data 0 °C up to +45 °C

Degree of protection accd. to EN 60529

- IP66/67

IK-class according to IEC/EN 62262

- IK10

* Up to +40 °C with through wiring.

Type 3L-1 and 5L-1

LED system:

- Light colour / CRI:
  5000K with CRI70 or 80
  4000K with CRI70 or 80
  3000K with CRI70 or 80
  6500K with CRI70.
- Optics: Standard, narrow beam, wide beam.

Battery set

- $LiFePO_4$ with LED display and monitoring by micro processor.

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:

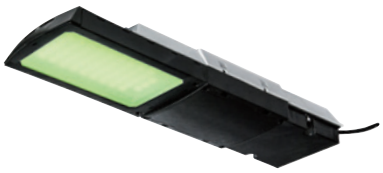
ExLin 3L-1 and 5L-1

- 770x201x115 mm
- 8.3 kg

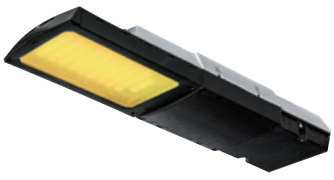
Electrical ratings:

Model	ExLin 3L-1 NE+	ExLin 5L-1 NE+
Voltage	110 up to 254 V AC	110 up to 254 V AC
Power consumption Ø	23 W	45 W
Lumens (clear glass cover (GCW)) †	3060 lm	5890 lm
Lumens (frosted glass cover (GFS)) †	2530 lm	4870 lm
Lumens in emergency mode (GCW)†	2160 lm (1.5 h) 1080 lm (3 h)	2160 lm (1.5 h) 1080 lm (3 h)
Frequency	50 - 60 Hz	50 - 60 Hz
Inrush current	5 A for 1 ms	5 A for 1 ms
Power factor cos φ @ 230 V	≥ 0.92	≥ 0.95
Circuit	EVG	EVG
Protection class	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
THD @230V	8%	5%

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



Green filter versions for
safety shower/eye wash solutions available.



Amber filter vesions for
Wildlife friendly solutons available.

ExLin NE+ part number system:

Part number example

ExLin 3L-1 NE+ G C S 7 50 T1 1/6 M25K

ExLin linear, 5610 lumens, glass lens, clear lens, standard light beam, >70 CRI, 5000K, Type 2410-4 terminals, single-ended wiring, M25 plastic cable gland

ExLin 3L-1 NE+ G C S 7 50 T1 1/6 M25K

Version / LED Module

3L-1	2910 lm single sided
5L-1	5610 lm double sided

Emergency light function

NE+	with selfcontained battery

Protective cover material

G	Glass
F	Glass laminated with splitter protection foil

Protective cover type

C	Clear
F*2	Opaque (Frosted)

*2 with **Opaque (Frosted) (F)** version only
Standard (S) or **Stray light protection grid (R)** possible

Light distribution

S*2	Standard
N	Narrow beam
W	Wide beam
R*2	With stray light protection grid

CRI

7	>70
8	>80
G	5000
Y	3000

CCT

40	4000 K
50	5000 K
G50	green filter foil
Y30	yellow filter foil

Cable gland / thread

M25K	M25 plastic glands
M20M	M20 metallic threads
M25M	M25 metallic threads

Through wiring

1/6	Single-ended
2/6	Twin-ended

Terminals

T1	Type 2410-4 max 6mm²
T3	Push-type 5-pole max 4 mm²
XX	On request

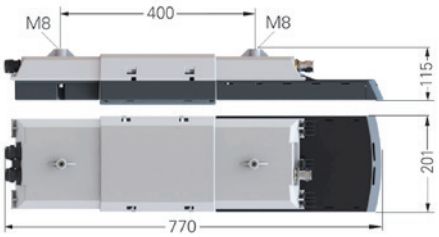
Additional terminal, CCT and CRI options available. Please consult factory or authorized Eaton's Crouse-Hinds Division sales representative

*3 on request

Example: ExLin NE+	3L-1 NE+ G C S 7 50 T1 1/6 M25K	Order-No.: Key	Example Order No.: 12320 1 2 0 101	Example: ExLin description
ExLin	3L-1	xxxxx x 2 x xxx	xxxxx x **2** x xxx	
ExLin	5L-1	xxxxx x 4 x xxx		**5300 lm single sided**
ExLin	NE+ G	12320 x x x xxx	**12320** x x x xxx	**Standard, glass cover**
ExLin	NE+ F	12321 x x x xxx		
ExLin	NE+ G50	12322 x x x xxx		
ExLin	NE+ Y30	12324 x x x xxx		
ExLin	C S	xxxxx x x 0 xxx	xxxxx x x **0** xxx	**Clear cover, standard light beam**
ExLin	C N	xxxxx x x 1 xxx		
ExLin	C W	xxxxx x x 2 xxx		
ExLin	C R	xxxxx x x 4 xxx		
ExLin	F S	xxxxx x x 5 xxx		
ExLin	750	xxxxx 1 x x xxx	xxxxx **1** x x x xx	**CRI >70, CCT 5000 K**
ExLin	740	xxxxx 2 x x xxx		
ExLin	850	xxxxx 3 x x xxx		
ExLin	840	xxxxx 4 x x xxx		
ExLin	830	xxxxx 5 x x xxx		
ExLin	G50	12322 x x x xxx		
ExLin	Y30	12324 x x x xxx		
ExLin	1/6 M25K	xxxxx x x x 101	xxxxx x x x **101**	**Single ended wiring with M25 plastic glands**
ExLin	2/6 M25K	xxxxx x x x 103		
ExLin	1/6 M20M	xxxxx x x x 109		
ExLin	2/6 M20M	xxxxx x x x 111		
ExLin	1/6 M25M	xxxxx x x x 609		
ExLin	2/6 M25M	xxxxx x x x 611		

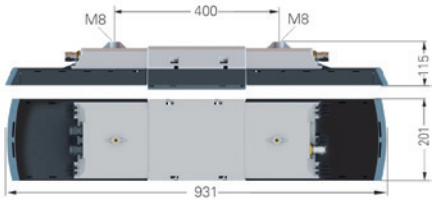
Dimensions & Weight:

ExLin / ExLin V-CG-S
3L-1 and 5L-1:



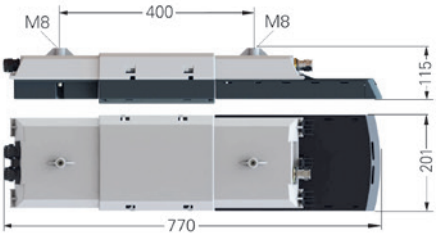
Weight: 6.7 kg

ExLin / ExLin V-CG-S
5L-2, 7L-2 and 10L-2:



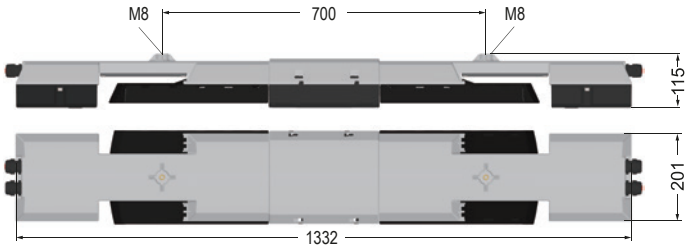
Weight: 8.0 kg

ExLin NE+
3L-1 and 5L-1:



Weight: 8.3 kg

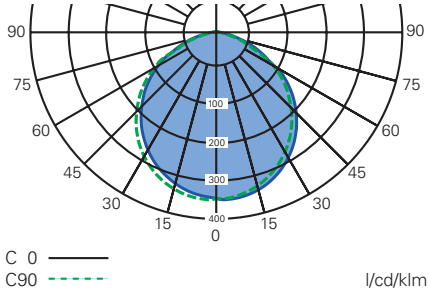
ExLin-L
5L-1, 5L-2, 7L-2 and 10L-2



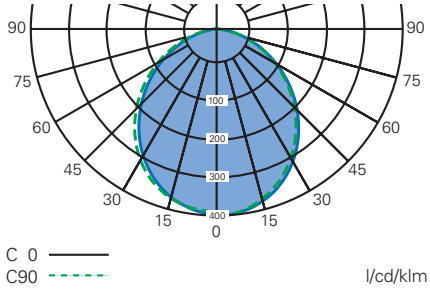
Weight: 12.0 kg

Polar Curve:

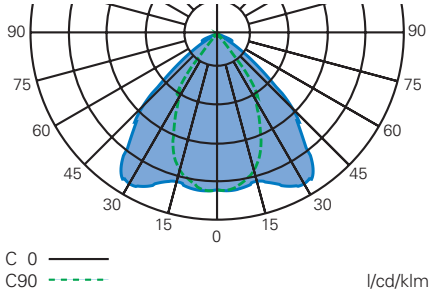
ExLin / ExLin-L / ExLin V-CG-S / ExLin NE+ standard optic with clear cover



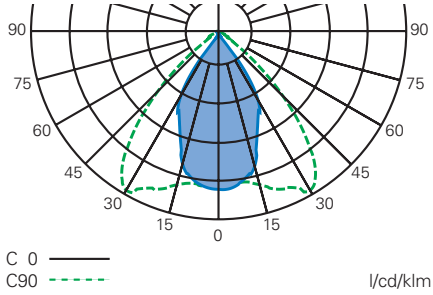
ExLin / ExLin-L / ExLin V-CG-S / ExLin NE+ standard optic with opaque cover



ExLin / ExLin-L / ExLin V-CG-S / ExLin NE+ wide beam



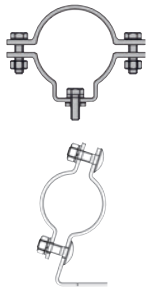
ExLin / ExLin-L / ExLin V-CG-S / ExLin NE+ narrow beam



Mounting Accessories (Order Separately)

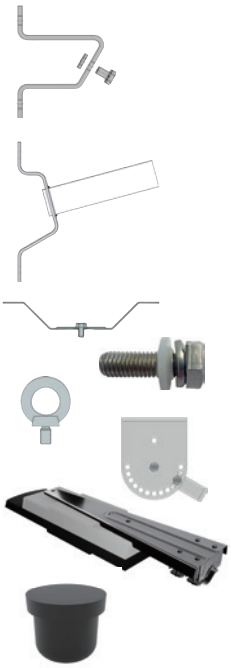
Pipe Clamps

Ordering Code	Description
2 2480 462 000 *	2 pcs. R12 (1 1/4"), Ø 38 - 42 mm with screws and polyamide washer, hot-dip galvanized
2 2480 472 000 *	2 pcs. R22 (1 1/2"), Ø 47 - 51 mm with screws and polyamide washer, hot-dip galvanized
2 2480 482 000 *	2 pcs. R32 (2''), Ø 56 - 60 mm with screws and polyamide washer, hot-dip galvanized
NOR 000 005 009 211	1 pcs. A8 (1 1/2") D 47 - 51 mm for AB 12.. with screws and polyamide washer, hot-dip galvanized
NOR 000 005 009 229	1 pcs. A9 (2") D 56 - 60 mm for AB 12.. with screws and polyamide washer, hot-dip galvanized
2 2480 550 010	2 pcs. Two-part, for pipe mounting LB 48 - FT with screws and polyamide washer, hot-dip galvanized



Fixing Accessories

Ordering Code	Description
2 2480 550 013	2 pcs. luminaire mounting bracket with 30° angle, wall mounting LH 30 - FT, hot-dip galvanized
2 2480 550 014	2 pcs. luminaire mounting bracket with 45° angle, wall mounting LH 45 - FT, hot-dip galvanized
2 2480 000 122	2 pcs. wall mounting bracket with 30° angle, with screws and polyamide washer, hot-dip galvanized
NOR 000 005 009 196	1 pcs. wall bracket 45° with screws and polyamide washer, hot-dip galvanized
2 2483 027 000	1 pcs. wall bracket W 27, 15°, for pole-mounting fitting Ø 42 mm, hot-dip galvanized
2 2480 092 000	2 pcs. ceiling mounting bracket D 92 with screws and polyamide washer, stainless steel
2 2480 550 011	2 pcs. C-bracket for luminaire mounting LAB-C50 - ER, stainless steel
2 2480 054 000	2 pcs. hexagon screw M8 x 20 for luminaire mounting, with polyamide washer
2 2480 002 000 *	2 pcs. eye bolt M8 for luminaire mounting, hot-dip galvanized
2 2480 550 022 *	2 pcs. wall mounting bracket with adjustable angle (15° step)
2 2300 050 004	Pole mounting adapter for ExLin 3L-1 and 5L-1 , 42-62 mm diameter, hot-dip galvanised Different pole mounting adapter on request.
CHLMT2372-02	Mounting sliding rail for ExLin-L series
2 2300 005 040	Sealing plug set for 10 pc (8 pc per fixture, 2 spares) Prevents insects and dirt from nesting in the light's screw holes.



* Also available in stainless steel. Consult factory for ordering code.

Metallic Cable Glands (Order Separately)

ADE-1F2

Catalog #	Metric Thread Size	Cable Types	Cable sealing range - Min	Cable seaing range - Max
ADE1M200NPN	M20	Non-armoured, Marine shipboard, Type P, Tray cable (armoured)	2.8	5.5
ADE1M201NPN	M20		4.5	8.5
ADE1M202NPN	M20		7.0	12.0
ADE1M203NPN	M20		10.0	16.0

ADE-4F

			Cable sealing range inner sheath		Cable sealing range outer sheath		Armor	
Catalog #	Metric Thread Size	Cable Types	Min.	Max.	Min.	Max.	Min.	Max.
ADE4M200NPN	M20	SWA, SWB, STA, Braided marine shipboard, Type P; Lead sheathed cable (with addition of earthing washer)	2.8	5.5	4.5	8.5	0.2	0.9
ADE4M201NPN	M20		4.5	8.0	7.0	12.0	0.2	0.9
ADE4M202NPN	M20		7.0	12.0	10.0	16.0	0.2	1.3
ADE4M203NPN	M20		10.0	15.5	13.5	21.0	0.2	1.3

ADE-1F2 and ADE-4F catalog numbers are for nickel-plated brass; For other material options, refer to our cable glands section within www.crouse-hinds.de/en/

Smart Tools for Confident Lighting Decisions

ROI LED Lighting Calculator

Plan with precision. Invest with confidence.

The Eaton Crouse-Hinds Series ROI LED Lighting Calculator is a dynamic tool that delivers an in-depth analysis of the return on investment (ROI) when transitioning from conventional lighting to Eaton´s Crouse-Hinds Series LED lighting, empowering you to lead with insight and foresight.

From Analysis to Action - Empower Smarter Facility Upgrades:

REGULATORY COMPLIANCE

Stay conform with the EU ban on fluorescent lighting with a timely, compliant LED solution.

FINANCIAL IMPACT

The calculator gives you clear, data-driven insights helping you make confident, cost-effective decisions about LED lighting upgrades.

LONG-TERM VALUE

Rely on Eaton 125+ years of industrial lighting expertise for safe,sustainable, and futureproof LED performance.

Streamlined Implementation.

1. ENTER FACILITY DETAILS:
MRO Costs and current luminaire setup.

2. ANALYZE AND CALCULATE:
the calculator gives you an overview of potential LED solutions tailored to your specific needs.

3. REVIEW AND DECIDE:
evaluate the anticipated energy savings, reduced maintenance costs, and projected payback periods.

Lighting design service

Complimentary lighting layout, analysis, and design support for Crouse-Hinds series light fixtures

Our experts can save you time and money by creating a virtual model of a proposed design, revealing luminaire characteristics and effects that would be hard to detect in anything short of the completed installation.

- 3D fixture placement with comparison of alternate fixtures and mounting heights
- Point-by-point footcandle diagram calculations
- AutoCAD drawings overlaying customer floorplans
- Complete bill of material

Scan QR code and access the website to make the most of our lighting calculation tools.

Lighting calculation software

Eaton offers a complementary solution for lighting designers and engineers looking for a state-of-the-art, effective, and professional light planning software package – DIALux.

Application benefits:

- Generates results showing expected light readings in either footcandles or LUX
- Provides professional quality summary reports
- Allows for energy evaluation reporting
- Planning for whole buildings, including outdoor spaces
- Document your results with photo-realistic visualizations
- Import AutoCAD drawings to use as a background guide with light fixture planning