

The safety you rely on.

CROUSE-HINDS
SERIES

Switch to LED:

get ready for the EU's ban on
fluorescent lighting

If you are using
fluorescent lighting in
hazardous areas,
you need to act now

EATON

Powering Business Worldwide

Technische Unie
A Sonepar Company





**We make
a healthy planet work.**

EU's ban of fluorescent lighting – what does it mean?

T8 fluorescent tubes will be banned from 25 August 2023 – and there is no longer an exemption for Ex lighting.

The RoHS* directive of European Union restricts the use of certain hazardous substances in electrical and electronic equipment across Europe, including the use of mercury in lighting products. In addition, the Ecodesign 2020/2019/EU regulation, which came into effect in September 2021, phases out products that fail to meet efficiency requirements. The number of exemptions have now been revised and this has great impact on fluorescent lighting products. Both RoHS and Ecodesign regulations are intended to protect the environment and public health by enforcing climate-friendly sustainable lighting.

The EU ban means that fluorescent light fixtures in Ex areas should be replaced as soon as possible to avoid fluorescent tube shortages causing disruption in operation.

It is essential that Ex rated LED alternatives are installed in hazardous area !

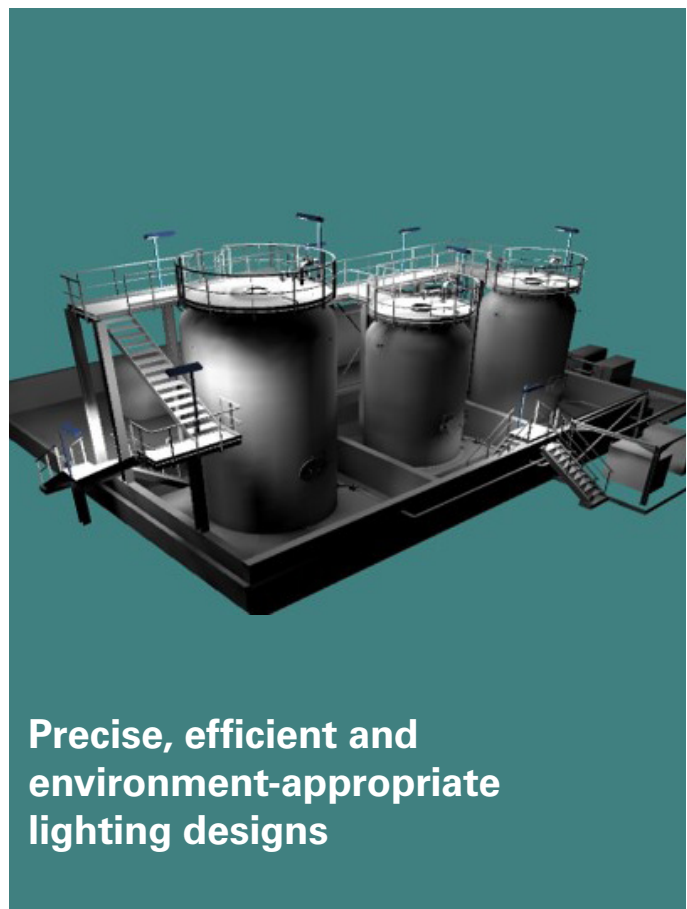
Eaton's offering

Why should you switch to Eaton's LED lighting from your current fluorescent installation? Because not all LEDs are created equal. LED solutions are well known for their improved light quality, long life and low energy consumption, but lighting in heavy industrial applications often presents unique challenges, such as high vibration, extreme temperatures, corrosion, water, dirt and potentially explosives gases or dusts. Each of these factors can severely impact the lifetime and performance of LED fixtures.

Therefore, it is essential to partner with a lighting manufacturer with a proven track record in both industrial lighting design and harsh and hazardous area certifications. Eaton is that partner.

With its Crouse-Hinds series portfolio, Eaton offers the perfect combination of hazardous area expertise coupled with decades of electrical engineering knowhow to help you make the switch.

Our team offers complimentary lighting layout, analysis and design support services. From simple layouts to complex drawings, our industrial and hazardous area Lighting Design Engineers will work with you to deliver precise, efficient, application and environment-appropriate lighting designs that optimize your cost of ownership



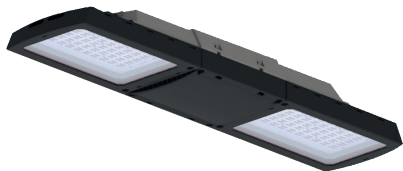
Precise, efficient and environment-appropriate lighting designs

*Restriction of Hazardous Substances

Switch on to Eaton Ex LED solutions

Whether you want to replace existing fluorescent lighting with a retrofit LED module, or install an entirely new LED lighting system solution, Eaton provides you with a variety of fully Ex certified Crouse-Hinds series solutions for use in harsh and hazardous areas.

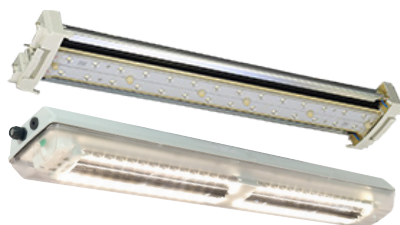
Switching to LED is easy with Eaton's safe, reliable and efficient LED solutions. Find below the right replacement for your current installation.



**CEAG ExLin LED fixture
Zone 1/21**

CEAG ExLin LED fixture combines state-of-the-art LED technology with optimised thermal management and a time-tested GRP enclosure to extend service life in extreme environments. Designed for safety, reliability, and efficiency.

Superior performance and efficiency / Lightweight design / Optimised light distribution with optics and lens options



**CEAG eLLK LED fixture
& eLLK Retrofit Module
Zone 1/21**

CEAG eLLK LED fixture is a robust and reliable LED fitting. It is available as LED module and as a complete LED fixture. LED module converts existing fluorescent fixture into LED one in a few simple steps.

Efficient Solution / Cost-effective installation / Reliable housing / Retrofit and new installation



**CEAG nLLK15 LED fixture
Zone 2/22**

CEAG nLLK15 LED fixture has a robust design for heavy-duty demands. Ensures long reliability & allows easier replacement of components.

Proven and robust design / Easy maintenance by double sided safety lock / Cost efficient installation

Current Fluorescent installation	Eaton's Crouse-Hinds Series LED solutions					
CEAG fluorescent fixture	CEAG LED fixture eLLK 92 serie 4000 K	Aanvullend ass.	CEAG LED fixture eLLK 92 serie 5700 K	Standaard ass.	CEAG LED fixture ExLin serie 5000 K	Standaard ass.
eLLK 92 2 x 18W	eLLK 92 400A - nr. 1 2265 505 101	6295307	eLLK 92 400A - nr. 1 2265 504 101	5802134	ExLin GFS 3L-1 750 - nr. 1 2300 125 101	6274844
eLLK 92 2 x 36W	eLLK 92 800A - nr. 1 2266 505 101	6295342	eLLK 92 800A - nr. 1 2266 504 101	5802162	ExLin GFS 5L-1 750 - nr. 1 2300 145 101	6274858
eLLK 92 2 x 58W					ExLin GFS 7L-2 750 - nr. 1 2300 175 101	6274872
eLLK 92 2 x 18W NIB or NE	eLLK 92 400A NE - nr. 1 2260 588 101	6295251	eLLK 92 400A NE - nr. 1 2260 587 101	6708734	ExLin GFS 3L-1 NE+ 750 - nr. 1 2320 125 101	3272357
eLLK 92 2 x 36W NIB or NE	eLLK 92 800A NE - nr. 1 2261 588 101	6295279	eLLK 92 800A NE - nr. 1 2261 587 101	6708748	ExLin GFS 5L-1 NE+ 750 - nr. 1 2320 145 101	3272371

Current Fluorescent installation	Eaton's Crouse-Hinds Series LED solutions		
Any brand fluorescent installation Zone 1/21	CEAG eLLK Retrofit Module solution	CEAG eLLK LED complete fixture	CEAG ExLin LED
fluorescent 2x18W	---	eLLK92 400A	ExLin 3L-1
fluorescent 2x36W	---	eLLK92 800A	ExLin 5L-1/ExLin 5L-2
fluorescent 2x58W	---	---	ExLin 7L-2
fluorescent 2x18W with battery	---	eLLK92 400A NE	ExLin 3L-1 NE+
fluorescent 2x36W with battery	---	eLLK92 800A NE	ExLin 5L-1 NE+

Current Fluorescent installation	Eaton's Crouse-Hinds Series LED solutions
Any brand fluorescent installation Zone 2/22	CEAG nLLK15 LED
fluorescent 2x18W	nLLK15 600
fluorescent 2x36W	nLLK15 1200
fluorescent 2x58W	nLLK15 1500

Ready to make the switch to LED?

Contact Eaton today.

Why Eaton? Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most. With unparalleled knowledge of electrical power management across industries, experts at Eaton deliver customized, integrated solutions to solve our customers' most critical challenges. Eaton's Crouse-Hinds series with over 125 years experience in harsh and hazardous areas, has the expertise to see beyond today.

Our focus is on delivering the right solution for the application. From groundbreaking products to full solutions and engineering services, we also provide an unwavering commitment to personal support, that makes customer success a top priority.

Visit www.eaton.com

To see our full lighting portfolio, visit eaton.com/lighting



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