

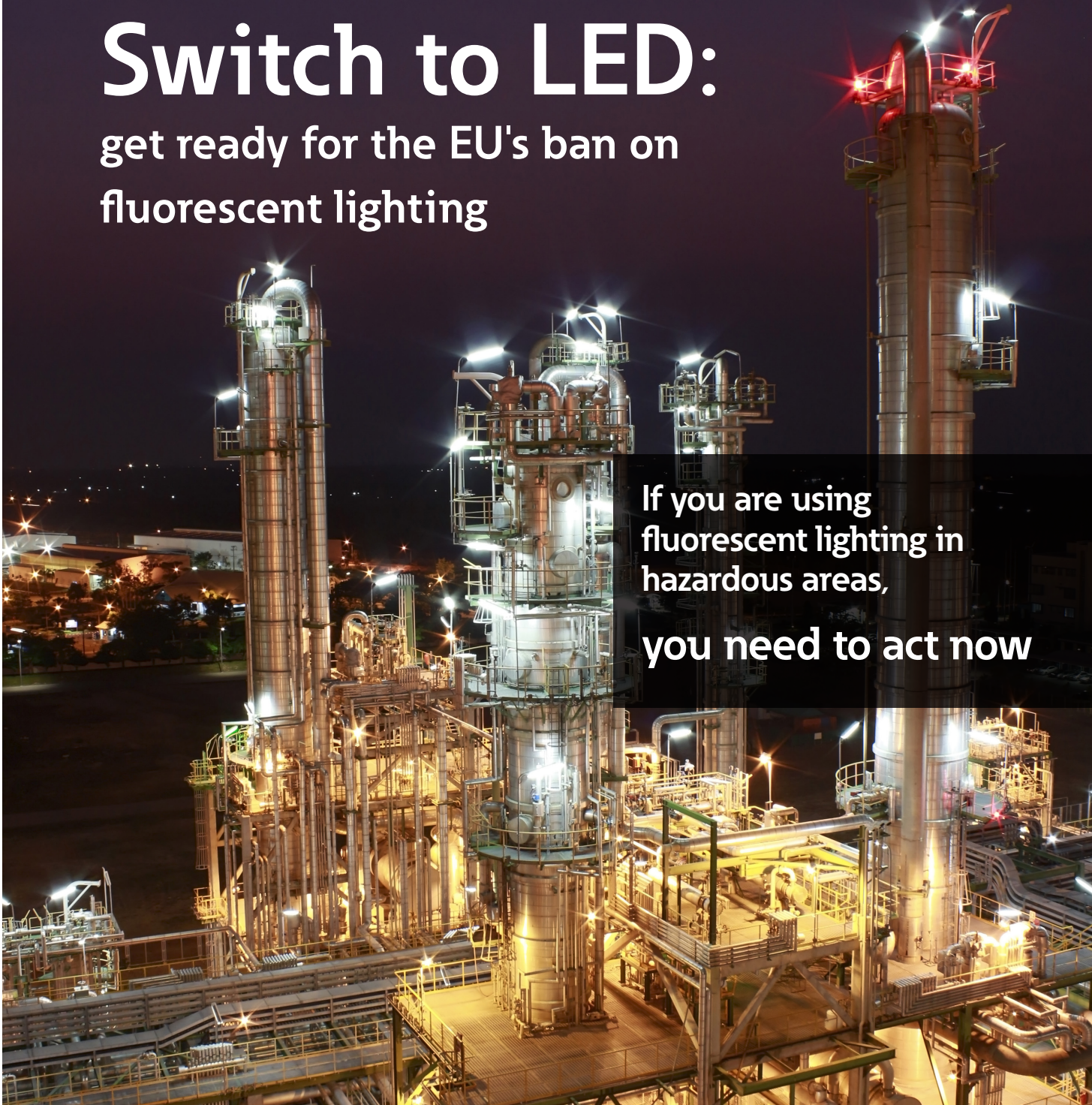
The safety you rely on.

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



**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 !

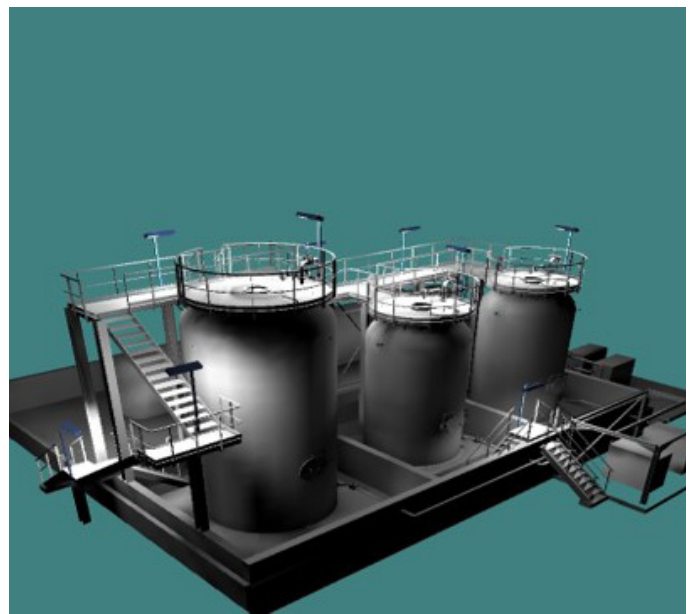
Eaton's offering

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



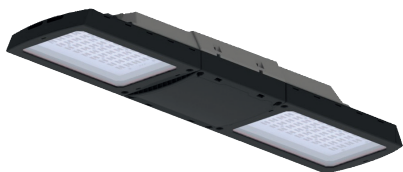
Precise, efficient and environment-appropriate lighting designs

*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.

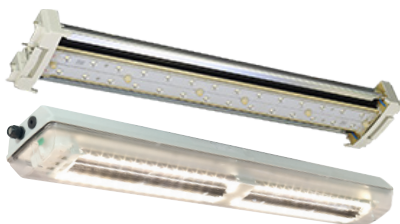
Switching to LED is easy with Eaton's safe, reliable and efficient LED solutions. Find below the right replacement for your current installation.



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 eLLK92 Fluorescent installation Zone 1/21	CEAG eLLK Retrofit Module solution	CEAG eLLK LED complete fixture	CEAG ExLin LED
eLLK92 2x18W	eLLK-2 module	eLLK92 400A	ExLin 3L-1
eLLK92 2x36W	eLLK-4 module	eLLK92 800A	ExLin 5L-1/ExLin 5L-2
eLLK92 2x58W	---	---	ExLin 7L-2
eLLK92 2x18W NIB	---	eLLK92 400A NE	ExLin 3L-1 NE+
eLLK92 2x36W NIB	---	eLLK92 800A NE	ExLin 5L-1 NE+
eLLK92 2x18W NE	eLLK-2 module + VE12 400	eLLK92 400A NE	ExLin 3L-1 NE+
eLLK92 2x36W NE	eLLK-4 module + VE12 800	eLLK92 800A NE	ExLin 5L-1 NE+
eLLK92 2x18W V-CG-S	eLLK-2 module	eLLK92 400A V-CG-S	ExLin 3L-1 V-CG-S
eLLK92 2x36W V-CG-S	eLLK-4 module	eLLK92 800A V-CG-S	ExLin 5L-1/ExLin 5L-2 V-CG-S

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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