

**EXTONA**

EXCELLENT LIGHTING FOR CHALLENGING ENVIRONMENTS



# EXPLOSION PROTECTION MEETS HIGH-PERFORMANCE LIGHTING

Reliable lighting, even in the most challenging conditions: EXTONA is the explosion- and moisture-proof luminaire for ATEX zones 2/22. This extremely versatile luminaire is suited to a range of applications including the automotive sector, power stations, and the metal-, wood-, paper- and textile-processing industries. It is also dust-tight and protected against powerful water jets. Optionally with emergency lighting and impact-resistant housing, it combines durability and high performance with excellent energy efficiency.

EXTONA: unfalteringly powerful in every respect.

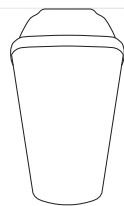
## SUITABLE FOR ATEX ZONES 2/22

Four letters that equal high risk: ATEX means challenging conditions in which explosive substances come into contact with oxygen and a luminaire – a potential source of ignition. As an ATEX-certified moisture-proof luminaire with a maximum surface temperature of 80°C, EXTONA is permitted for use in 2/22 zones. EXTONA represents reliable light output in line with certified standards, even in the most challenging conditions – because there can be no compromises when it comes to safety.

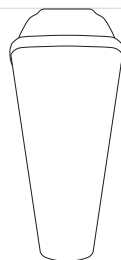
## ADVERSE CONDITIONS, LONG SERVICE LIFE

Vapours, gases and dust particles in the atmosphere pose an ongoing challenge for light quality. With a reduction in luminous flux of L80 after 70 000 hours of use and ambient temperatures of up to 30°C, EXTONA is extremely durable and robust. Fewer failures and a longer lifespan mean this ATEX-certified luminaire also offers a genuine cost advantage for businesses.

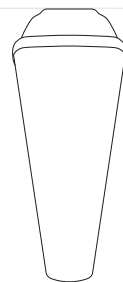
## EXTONA SIZES



S

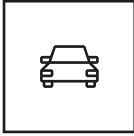


M



L

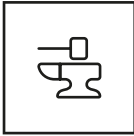
## AREA OF APPLICATION



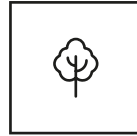
In the **automotive industry**, explosion-proof lighting with EXTONA is useful in places where petrol is stored, where bodywork is painted, where (lithium) batteries are manufactured or where scrap metal is crushed.



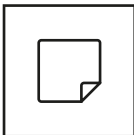
In **power stations**, EXTONA can be used in engine rooms and biogas plants, for example. It is also ideal for petrol and pellet stores and for wood chip production plants.



EXTONA is also a reliable choice for the **metal-processing industry** – particularly for areas where welding, soldering, blasting, sanding or painting are carried out.



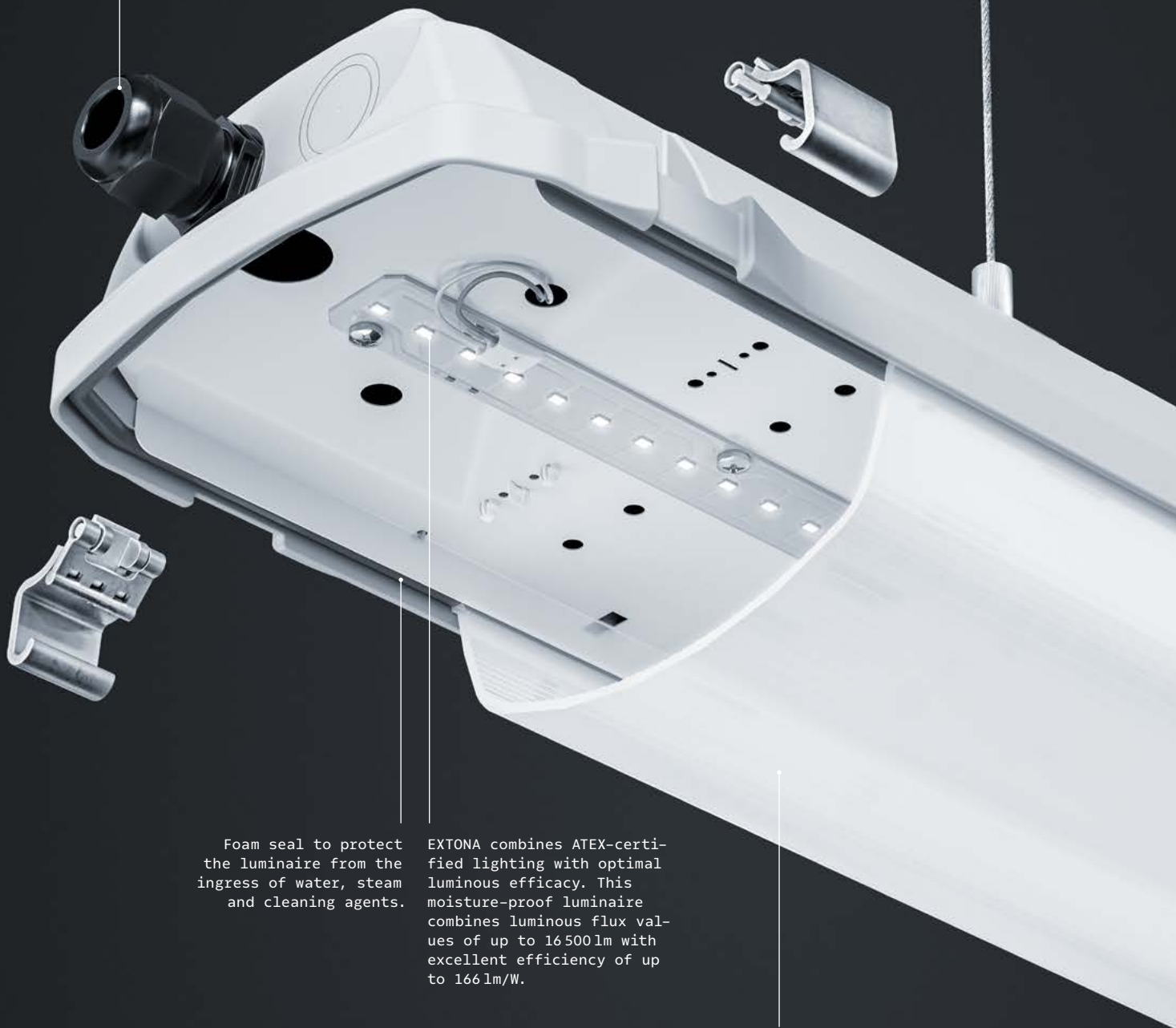
The explosion-proof lighting provided by EXTONA is crucial for the **wood-processing industry** – for example in sawmills, chippers or paint shops.



EXTONA is also ideally suited to the **textile- and paper-processing industries**. From recycling and shredding fabric and paper to opening and storing paper rolls and textile bales: light with explosion protection is ideal for these challenging environments.



EXTONA is also available with loop-through wiring (TW) if required.

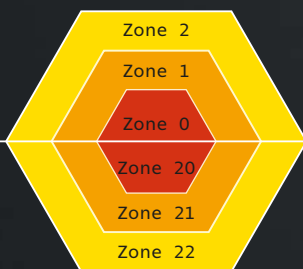


Foam seal to protect the luminaire from the ingress of water, steam and cleaning agents.

EXTONA combines ATEX-certified lighting with optimal luminous efficacy. This moisture-proof luminaire combines luminous flux values of up to 16500lm with excellent efficiency of up to 166lm/W.

An IK10 rating means EXTONA has the highest possible level of impact resistance. This robust moisture-proof luminaire reliably protects against adverse environmental conditions such as penetrating dust or powerful jets of water - as guaranteed by the IP66 degree of protection. The luminaire housing is made from resistant polycarbonate with UV stabilisation, so it will not become discoloured or brittle.

Suitable for ATEX zones 2/22



Gas or vapour

Dust

PRODUCT FAMILY OVERVIEW

**EXTONA S**



**EXTONA M**



**EXTONA L**



<b>Mounting type</b>	surface-mounted (ceiling, wall), (Line) mast/poles, pendant, chain suspension		
<b>Dimensions</b>	670 x 155 x 105 mm	1280 x 155 x 105 mm	1580 x 155 x 105 mm
<b>Luminaire lumious flux</b>	1200 lm, 2300 lm	2300 lm, 4500 lm (others on request)	3400 lm, 6500 lm, 11 000 lm
<b>LED service life</b>	L85 100 000 h		
<b>Colour temperature</b>	4000K (others on request)		
<b>Housing material</b>	polycarbonate		
<b>Protection class</b>	IP66		
<b>Impact resistance</b>	IK10		
<b>Light distribution</b>	Medium Beam (others on request)		
<b>Controls</b>	switchable or dimmable		
<b>Emergency lighting</b>	optional: single battery power supply (self-test or automatic test)		
<b>Temperature range</b>	-20 °C to 60 °C (depending on the variant) E3(D): 0 °C to 40 °C		
<b>ATEX zones</b>	2/22		
<b>ATEX marking</b>	gases: II 3G Ex nR IIC T6 Gc dust: II 3D Ex tc IIIC T80 °C Dc		

[zumtobel.com/extona](http://zumtobel.com/extona)