



## High-performance floodlight for the most demanding environments.

EX2/21 is a high-performance floodlight designed for hazardous areas. It provides a reliable lighting solution wherever extreme operating conditions and harsh weather environments place maximum demands on durability and safety.

The luminaire combines a robust aluminium housing with clear safety glass and a versatile optical system for precise adaptation to specific applications. A special surface treatment ensures high resistance to atmospheric and saline corrosion, enabling long-term, trouble-free operation even in aggressive environments.



### **Robust aluminium housing, RAL 9006**

Housing made of EN AC-44300 aluminium alloy with low copper content and high C5M corrosion resistance for demanding industrial and offshore applications.

### **Cover – tempered safety glass**

Highly durable tempered glass protects the optical system and LED module while ensuring long-term optical stability.

### **Silicone gasket**

Resistant to chemicals, UV radiation, and high temperatures. Ensures long-term sealing performance and IP66 protection.

### **Optical system**

30°, 60°, 90°, 150°, and asymmetric optics enable precise adaptation of light distribution to specific applications.

### **Cooling system**

The massive finned design ensures efficient heat dissipation, stable luminous performance, and long service life of the LED components.

### **Electronic driver**

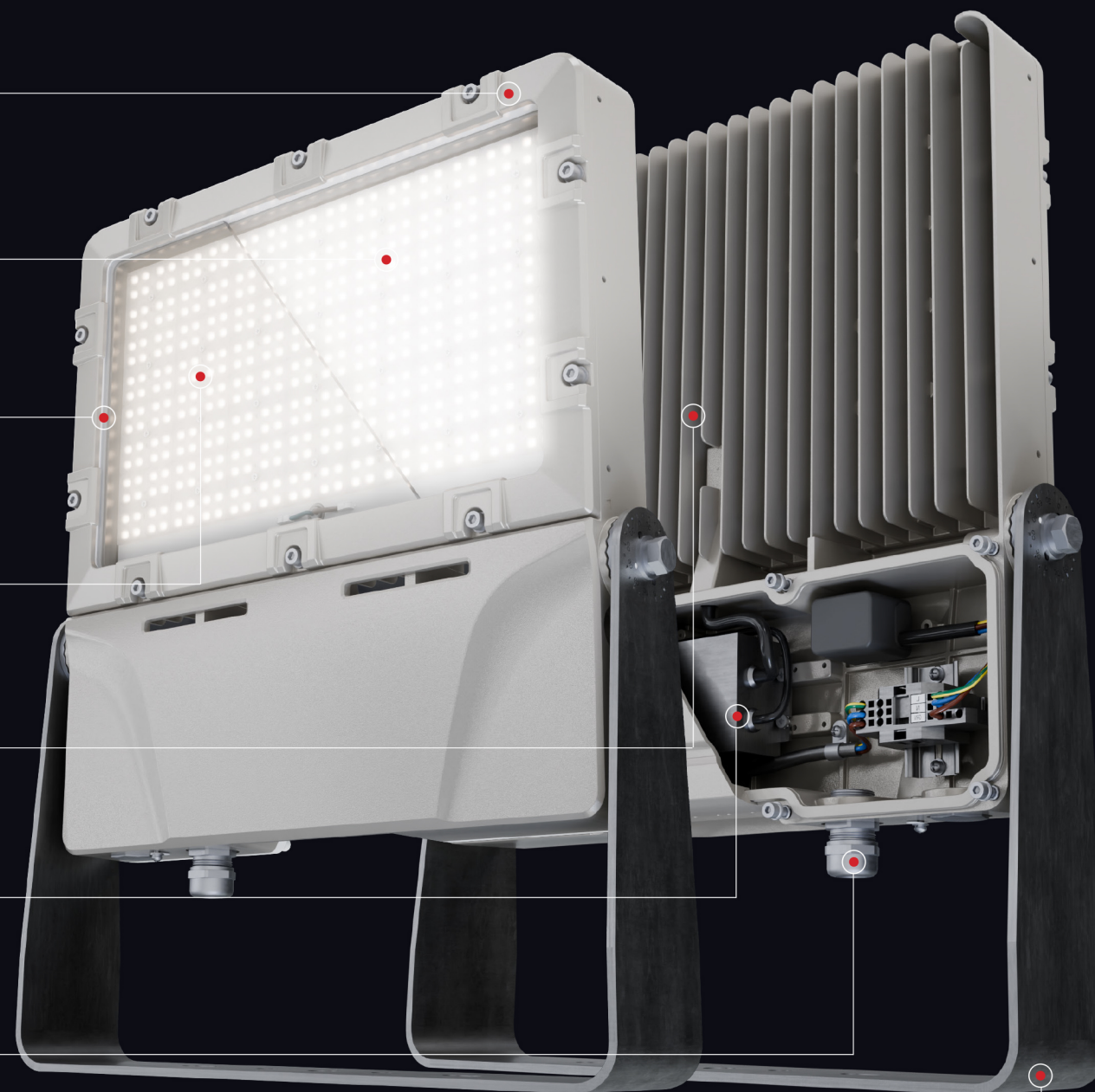
Highly reliable LED driver designed for demanding industrial operation.

### **Nickel-plated brass cable gland and M25 plug**

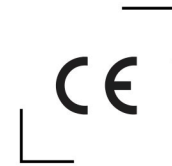
Possibility of LOOP-IN / LOOP-OUT wiring capability.

### **The adjustable bracket**

Supplied as a standard part of the luminaire and enables precise adjustment of the light direction according to installation requirements – mounting angle  $\pm 90^\circ$ .



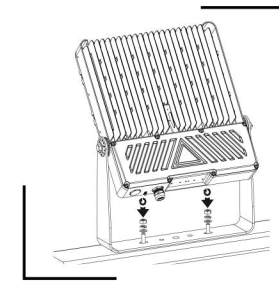
## PARAMETERS



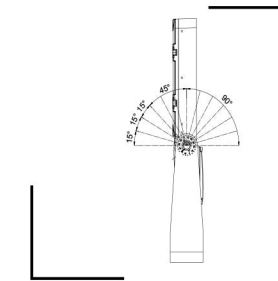
<b>Dimensions</b>	473 x 442 x 61,5 mm		
<b>Power input</b>	150 W	200 W	240 W
<b>Luminous flux</b>	19706, 20755, 20913 21169, 22378, 22717 lm	26124, 27514, 27724, 28063, 29666, 30115 lm	29780, 31365, 31604, 31991, 33818, 34330 lm
<b>Colour temperature</b>	4000 K		
<b>Housing material</b>	Aluminium housing – grey RAL 7035		
<b>Cover material</b>	Tempered safety glass – clear		
<b>ATEX zone</b>	2/21		
<b>ATEX zone - dust</b>	Ex II 2D Ex tb IIIC T80°C/T95°C Db		
<b>ATEX zone - gas</b>	Ex II 3G Ex nR IIC T6/T5 Gc		
<b>IECEX zone - dust</b>	Ex tb IIIC T80°C/T95°C Db		
<b>IECEX zone - gas</b>	Ex nR IIC T6/T5 Gc		
<b>IP classification</b>	IP66		
<b>IK classification</b>	IK08		
<b>Operating temperature</b>	-40°C≤ta≤55/65°C	-40°C≤ta≤50/60°C	-40°C≤ta≤50°C
<b>Beam angle</b>	30°, 60°, 90°, 150°, Asymmetric 30°, Asymmetric 60°		

**Robust construction for extreme operating conditions.**

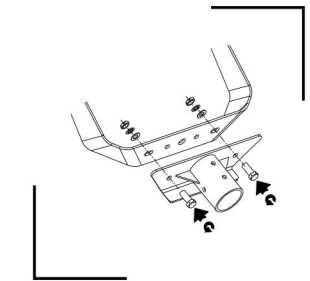
## INSTALLATION



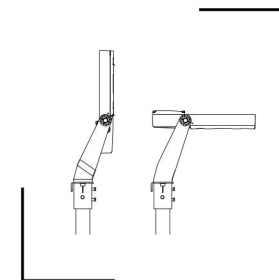
ADJUSTABLE BRACKET



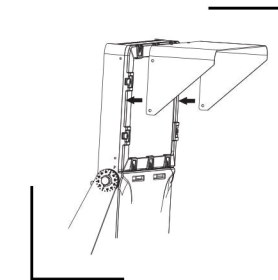
POSITIONING OPTIONS



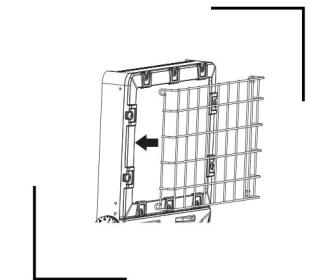
POLE MOUNTING



POLE MOUNTING



ACCESSORIES – SHIELD



ACCESSORIES – GUARD

**Flexible mounting options for demanding operating conditions.**

Thanks to its flexible mounting options, it can be installed on walls, structures, and poles while enabling precise light distribution control. From narrow-beam to wide-beam and asymmetric optics, it provides efficient illumination of technological facilities and outdoor areas in hazardous areas.





## APPLICATION AREAS

EX2/21 luminaire combines high performance, rugged construction, and reliable operation in hazardous areas.

With a wide range of optical distributions, high luminous efficacy, and C5M corrosion resistance, it is ideally suited for illuminating large industrial and outdoor areas where precise light distribution and long-term reliability under demanding conditions are essential.

It is widely used in petrochemical plants, refineries, the oil and gas industry, power generation facilities, port operations, and offshore installations exposed to humidity, saline environments, and extreme mechanical stress.

Designed for applications where lighting systems must withstand extreme operating conditions over the long term without compromise.

**A durable solution for extreme operating conditions.**

