

Luminaires with higher degree of protection

LUMEX OC

Quickinfo

LUMINAIRE

Wall and surface mounting
powder-coated steel with PMMA-pipe
IP54, IK10



LED

4,000K
CRI>80
Initial MacAdam 4 SDCM
100,000h L80

LIGHT DISTRIBUTION



ELECTRIC

ON-OFF switchable



Description

The LUMEX OC is a compact flameproof LED luminaire designed for reliable wall and excavation lighting in underground mining facilities. Certified for Group I (M2), it is suitable for methane and coal dust hazard zones and ensures safe operation even in demanding underground environments.

With a powerful 45 W LED module delivering up to 5,500 lm, the OC provides uniform illumination with high energy efficiency and minimal glare thanks to its integrated diffusing screen. The rugged housing with IP65 protection and impact-resistant construction guarantees durability under harsh mining conditions, while its light-weight design and streamlined mounting system make handling and installation fast and simple.

Engineered for maximum efficiency, safety, and user convenience, the LUMEX OC is the reliable choice for underground environments requiring strong, glare-free illumination and robust flameproof protection.

Types

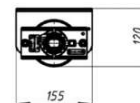
ARTICLE NUMBER	POWER	LUMINOUS FLUX	COLOUR TEMP.	WEIGHT
EPOC045.11422	45W	5,000lm	4000K	8,6kg

Light distribution



OPAL 100°

Dimensions



EXPLOSION PROTECTION



I M2 Ex Db op is I Mb

Emergency function available on request (With I M1 module)
Voltage range: 42V-270V AC

