

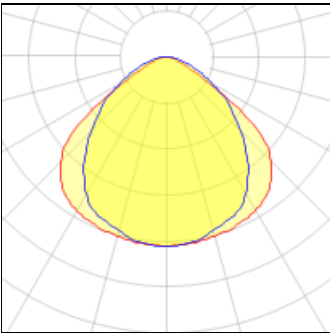
Product data sheet

ACCIAIO EX LED 2X80 SD 4000K
A280EXSDO
BEGHELLI



TECHNICAL CHARACTERISTICS: Pond ceiling light for ATEX classified areas (G02; D22) in STAINLESS steel sheet (AISI 304), LED technology, through wiring. Equipped with SmartDrive LEDs (possibility to integrate programming, dimming and consumption monitoring functions) energy-saving electronic power supply. The device designed to withstand magnetic disturbances typical of industrial environments (EN 61000-6-2). Degree of Protection: IP66. Degree of Shock Protection: IK09 (10J). Operating temperature: -30÷50°C with power adjustment intervention. **BODY:** High mechanical resistance in stainless steel sheet (AISI 304) with die-cast aluminum closure heads with safety screws. Cable input with PG13 (or M20) press on removable head. **REFLECTOR:** Lamellar with regular aluminum cells with a high reflection mirror surface. Low luminance diffuser distribution (dark light). **DIFFUSER:** In solidarity with the casing, with surface microspheres to reduce glare; hardened safety glass resistant to shocks, thickness 3.2 mm. **GASKET:** Silicon rubber. **LED SOURCES:** Neutral White LED sources (4000K Ra>80 SDCM3). No related photobiological risk (class exempt RG0 acc. EN62471). **DRIVE:** Built-in SMART Driver LED. Constant luminous flux as the power supply voltage changes. Protection against network surges. Power system reliability: MTBF >80000h* at Tamb Ref. Possibility of remote control (wireless/DALI compatible) and integration of the following functions: Self-dimming, Programming and consumption monitoring. Possibility of OPTICOM interface (remote control of the product via smartphone). **INSTALLATION:** Device suitable for use in environments classified as ATEX (ATEX classification: II 3G ExnA II B T4 Gc; II 3D ExtD A22 T80Dc) and in industrial environments characterized by the presence of volatile oils and chemicals even in harsh thermal operating conditions. Suitable for installation on normally flammable surfaces, ceiling or suspension by means of special accessories provided. Ceiling fixing brackets equipped with a safe restraint system.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	74 W	CRI	80
Total flux	9900 lm	LOR	100%
Luminous efficacy	134 lm/W	Total power	74 W

Mounting mode

Ceiling mounted

Shape and measurements

Length: 58.43 in

Width: 4.29 in

Height: 3.46 in

Adjustability

Fixed

Electric

System power: 74 W

Ballast: ECG

Appliance Class: I

Protection

IP: 66

IK: 09

Designation labels: CE, ENEC

Explosion zone suitability: 2

Design

Designer: Parmeggiani.G

Other operating numbers

Ambient temperature range: -22...122°F