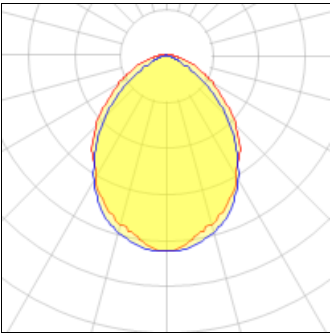# Product data sheet

ACCIAIO TOP LED 2X80 SD 4K
A280ESDO_NO_LENS
BEGHELLI

TECHNICAL CHARACTERISTICS: LED Ceiling Light with steel sheet and waterproof technology (DC04 - EN 10130), Equipped with Smart Driver LEDs (possibility to integrate programming, dimming and consumption monitoring functions) and energy-saving electronic power supply. The device is designed to withstand magnetic disturbances in typical industrial environments (EN 61000-6-2). Degree of Protection: IP66. Degree of Shock Protection: IK09 (10J). Operating temperature: -30÷50°C. BODY: High mechanical strength of galvanized steel sheet painted with polyester powders of gray color RAL 7035 with top closure in techno polymer (PC+PBT). Cable PG13 (or M20) with cable gland and manually removable cap for tool-less maintenance. REFLECTOR: Lamellar with regular aluminum cells with a high reflection mirror surface. Low luminance diffuser distribution (dark light). DIFFUSER: Integrated with the casing with mirror Surface to reduce glare; Hardened safety glass of thickness 3.2 mm.to resist shocks. GASKETS: Silicon rubber. LED SOURCES: Neutral White LED sources (4000K Ra>80 SDCM3). No related photobiological risk (class exempt RG0 acc. EN62471). DRIVE: Built-in LED Smart Driver. Constant luminous flux as the power supply voltage changes. Protection against network surges. Thermal protection with linear reduction of output power. Power system reliability: MTBF >80000h to TREF Max. Possibility of wireless remote control (also with compatible 1-10V and DALI protocols) and integration of the following functions: Self-dimming, Consumption Monitoring and Programming. Possibility of OPTICOM interface (remote control of the product via smartphone) INSTALLATION: Device suitable for use in industrial environments characterized by the presence of volatile oils and chemicals even in harsh operating thermal conditions. Suitable for installation in 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	ULOR	2%
		Total power	74 W

Mounting mode

Ceiling mounted

Shape and measurements

Length: 61.61 in
Width: 4.25 in
Height: 3.15 in

Adjustability

Fixed

Electric

System power: 74 W

Ballast: ECG

Appliance Class: I

Protection

IP: 66

IK: 09

Designation labels: CE, ENEC

Design

Color of housing: Silver gray
Designer: Parmeggiani.G

Other operating numbers

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