

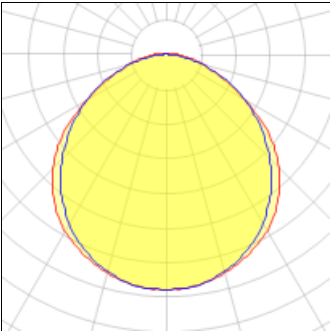
# Product data sheet

BS100 LED 2X80 SD 4000K  
280SDO  
BEGHELLI



**TECHNICAL CHARACTERISTICS:** Self-extinguishing polycarbonate (UL94 V2) watertight ceiling light, LED technology, equipped with SmartDrive LEDs (possibility to integrate programming, dimming and consumption monitoring functions) energy-saving electronic power supply. The device is designed to withstand magnetic disturbances typical of industrial environments (EN 61000-6-2). Degree of Protection: IP65. Degree of Shock Protection: IK05 (0.7J). Operating temperature: -20÷50°C. BODY: Mechanical resistance in injection molded polycarbonate, gray RAL 7035 with closure hooks on perimeter in polyamide PA66. Cable input arranged on both sides with press PG13 (or M20). REFLECTOR: Top, in white painted steel sheet. Spreading distribution. DIFFUSER: In transparent polycarbonate with photo-engraved inner surface (anti-glare). Anti-yellowing treatment (resistant UV). GASKET: Perimeter in anti-aging polyurethane foam. 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 (pulses up to 4kV). Thermal protection with linear reduction of output power. Power system reliability: MTBF >80000h in Tamb Ref. 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. Suitable for installation on normally flammable surfaces, ceiling or suspension by means of special accessories provided.

## Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	74 W	CRI	80
Total flux	9600 lm	LOR	100%
Luminous efficacy	130 lm/W	Total power	74 W

## Mounting mode

Ceiling mounted

## Shape and measurements

Length: 62.24 in

Width: 6.69 in

Height: 3.74 in

## Adjustability

Fixed

## Electric

System power: 74 W

Ballast: ECG

Appliance Class: I

## Protection

IP: 66

IK: 05

Designation labels: CE, ENEC

## Other operating numbers

Ambient temperature range: -4...122°F

## Design

Material impression: Plastic

Color of housing: Silver gray

Designer: Parmeggiani.G