

# BISON-LED

IP 65



**Application:** Dustproof high-bay lighting fixture BISON-LED is primarily designed for areas with requirement of higher degree of protection IP, such as warehouse and production halls. Thanks to its luminous characteristics and excellent efficiency, the lighting fixture is suitable for mounting at high ceiling rooms.

**Ballast:** EP – electronic 220-240 V/ 50-60 Hz AC, 220-240 V DC

**Light source:** LED, 4000K, CRI +80, MacAdam3

**Housing:** White painted steel sheet RAL 9003

**Diffuser:** Clear hardened safety thermally toughened glass, OP – Opal hardened safety thermally toughened glass, PC (polycarbonate), MP - micropismatic diffuser

**Reflector:** H –optics with deep radiant luminous characteristics, S – optics with wide radiant luminous characteristics

**Fastening:** Mounting via suspension brackets

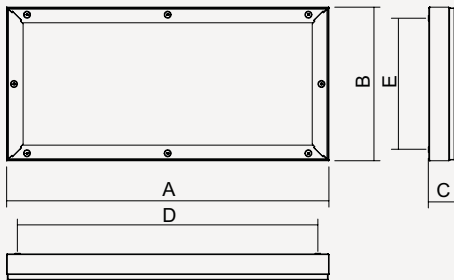
**Connection:** The lighting fixture is provided as a standard with 2 m cable (3x1.5 mm<sup>2</sup>) that is terminated by sleeves

**Standard equipment:** 4 pcs suspension brackets M5

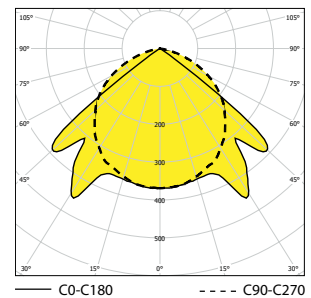
**Calculated lifetime – LED modules:**

L80B10 ta40 – 70 000h

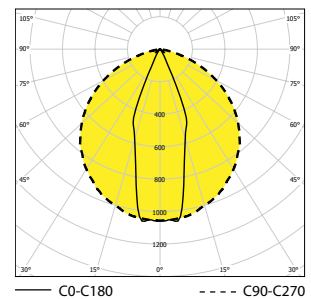
L70B10 ta40 – 100 000h



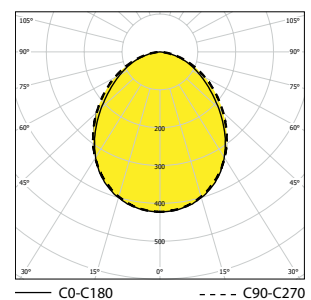
BISON-LED-S



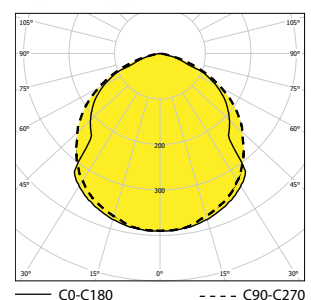
BISON-LED-H



BISON-LED-OP



BISON-LED-15000



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D x E (mm)	Weight (kg)
051900	BISON-LED-H-15000-4K	12494	99	126	40	630x300x52	587x257	5,7
051901	BISON-LED-S-15000-4K	13277	99	134	40	630x300x52	587x257	5,7
051902	BISON-LED-PC-H-15000-4K	11756	99	119	40	630x300x52	587x257	5,7
051903	BISON-LED-PC-S-15000-4K	12094	99	122	40	630x300x52	587x257	5,7
051910	BISON-LED-15000-4K	12893	99	130	40	630x300x52	587x257	5,7
051911	BISON-LED-OP-15000-4K	11403	99	115	40	630x300x52	587x257	5,7
051916	BISON-LED-MP-15000-4K	12663	99	128	40	630x516x52	587x473	6,8
051904	BISON-LED-H-30000-4K	24988	197	127	35	1195x300x52	1152x257	9,5
051905	BISON-LED-S-30000-4K	26555	197	135	35	1195x300x52	1152x257	9,5
051906	BISON-LED-PC-H-30000-4K	23513	197	119	35	1195x300x52	1152x257	9,5
051907	BISON-LED-PC-S-30000-4K	24189	197	123	35	1195x300x52	1152x257	9,5
051912	BISON-LED-30000-4K	25787	197	131	35	1195x300x52	1152x257	9,5
051913	BISON-LED-OP-30000-4K	22806	197	116	35	1195x300x52	1152x257	9,5
051917	BISON-LED-MP-30000-4K	25326	197	129	35	1195x516x52	1152x473	10,9

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

## Accessories on request



### Suspended mounting

004768 snap-hook 6030 – zinc

## Lighting fixture detail



## On request

**DIM** – dimmable electronic ballast (DALI, DSI, 1-10V)

**GESIS** – possibility to equip lighting fixtures with connectors

**2.7K-6.5K** - colour temperature

**NANO** – lighting fixtures can be protected by special nano-layer  
(hydrophobic, oleophobic or antibacterial protection)

**RAL** – other colour scale

**STAINLESS STEEL** – (in case of STAINLESS STEEL version its declared for ambient temperature decreased about 5-10°C)

Stadard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
051900	X	X	X	X	051900 DALI	X	X
051901	X	X	X	X	051901 DALI	X	X
051902	X	X	X	X	051902 DALI	X	X
051903	X	X	X	X	051903 DALI	X	X
051910	X	X	X	X	051910 DALI	X	X
051911	X	X	X	X	051911 DALI	X	X
051916	X	X	X	X	051916 DALI	X	X
051904	X	X	X	X	051904 DALI	X	X
051905	X	X	X	X	051905 DALI	X	X
051906	X	X	X	X	051906 DALI	X	X
051907	X	X	X	X	051907 DALI	X	X
051912	X	X	X	X	051912 DALI	X	X
051913	X	X	X	X	051913 DALI	X	X
051917	X	X	X	X	051917 DALI	X	X