

BISON-LED

IP 66



Application: Dustproof high-bay lighting fixture BISON-LED is primarily designed for a room with requirements of a 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: Painted steel sheet RAL 9003

Diffuser: **CG** - Clear hardened safety thermally toughened glass, **OP** – Opal hardened safety thermally toughened glass, **PC** - polycarbonate, **MP** - microprismatic diffuser

Optics: **30°** - optics with deep radiant luminous characteristics, **60°** - optics with wide radiant luminous characteristics

Fastening: Mounting via suspension brackets

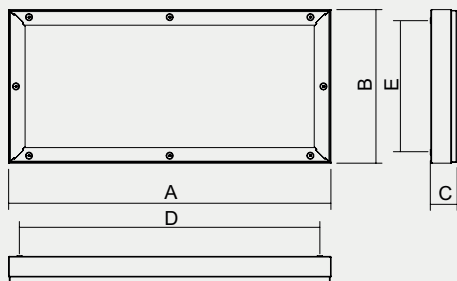
Connection: The lighting fixture is provided as a standard with 2 m cable (3x1.5 mm²) that is terminated by sleeves

Standard equipment: 4 pcs suspension brackets M5

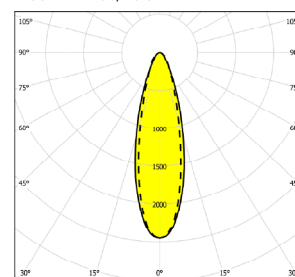
Calculated lifetime – LED modules:

L80B10 ta40 – 70 000h

L70B10 ta40 – 100 000h

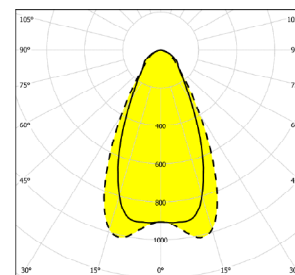


BISON-LED-CG/PC-30°



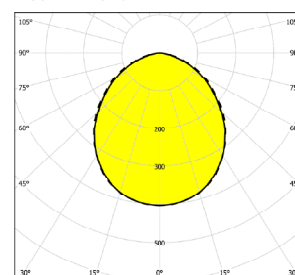
— C0-C180 - - - - C90-C270

BISON-LED-CG/PC-60°



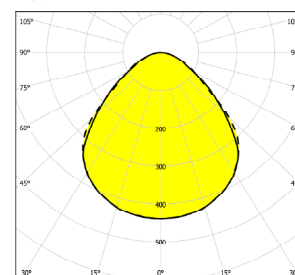
— C0-C180 - - - - C90-C270

BISON-LED-OPG



— C0-C180 - - - - C90-C270

BISON-LED-MP



— C0-C180 - - - - C90-C270

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)
CG							
051924	BISON-LED-13500-CG-30-G2-4K	12189	78	156	55	660x330x55	617x287
051925	BISON-LED-13500-CG-60-G2-4K	11975	78	154	55	660x330x55	617x287
051930	BISON-LED-26500-CG-30-G2-4K	24378	155	157	55	1220x330x55	1177x287
051931	BISON-LED-26500-CG-60-G2-4K	23951	155	155	55	1220x330x55	1177x287
OPG							
051920	BISON-LED-13500-OPG-G2-4K	11202	78	144	55	660x330x55	617x287
051932	BISON-LED-19000-OPG-G2-4K	15741	110	143	55	660x580x55	621x541
051926	BISON-LED-26500-OPG-G2-4K	22404	155	145	55	1220x330x55	1177x287
051934	BISON-LED-37500-OPG-G2-4K	31483	220	143	60	1220x580x55	1177x537
PC							
051921	BISON-LED-13500-PC-60-G2-4K	11215	78	144	55	660x330x55	617x287
051922	BISON-LED-13500-PC-30-G2-4K	11388	78	146	55	660x330x55	617x287
051927	BISON-LED-26500-PC-60-G2-4K	22431	155	145	55	1220x330x55	1177x287
051928	BISON-LED-26500-PC-30-G2-4K	22777	155	147	55	1220x330x55	1177x287

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

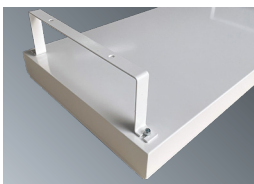
Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D x E (mm)
MP							
051923	BISON-LED-13500-MP-G2-4K	11628	78	149	55	660x330x55	617x287
051933	BISON-LED-19000-MP-G2-4K	16341	110	149	55	660x580x55	621x541
051929	BISON-LED-26500-MP-G2-4K	23257	155	150	55	1220x330x55	1177x287
051935	BISON-LED-37500-MP-G2-4K	32682	220	149	60	1220x580x55	1177x537

Accessories on request



Suspended mounting

004768 snap-hook 6030 – zinc



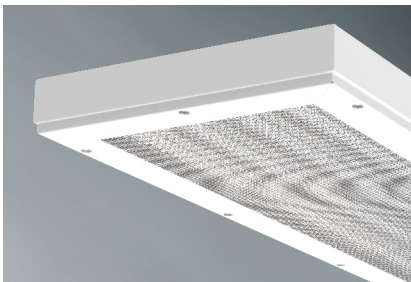
Surface mounting

051227 Bracket for surface mounting BISON G2 330 mm

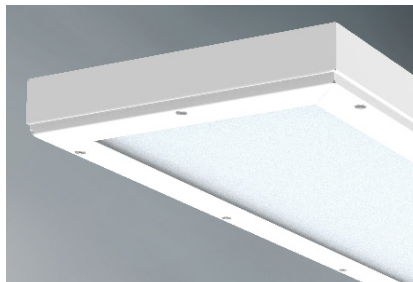
051228 Bracket for surface mounting BISON G2 580 mm

Lighting fixture detail

MP - microprismatic diffuser



OPG - opal glass



hanging-hook (part of standard equipment)



On request

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

GESIS – possibility to equip lighting fixtures with connectors

2.7K-6.5K - colour temperature

NEREZ –housing is made from stainless steel (in case of NEREZ version its declared for ambient temperature decreased about 5-10°C)

RAL – other colour scale

ADELS - possibility to equip lighting fixtures with connector terminal block

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

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
051920	X	X	X	X	051920 DALI	X	X
051921	X	X	X	X	051921 DALI	X	X
051922	X	X	X	X	051922 DALI	X	X
051923	X	X	X	X	051923 DALI	X	X
051924	X	X	X	X	051924 DALI	X	X
051925	X	X	X	X	051925 DALI	X	X
051926	X	X	X	X	051926 DALI	X	X
051927	X	X	X	X	051927 DALI	X	X
051928	X	X	X	X	051928 DALI	X	X
051929	X	X	X	X	051929 DALI	X	X
051930	X	X	X	X	051930 DALI	X	X
051931	X	X	X	X	051931 DALI	X	X
051932	X	X	X	X	051932 DALI	X	X
051933	X	X	X	X	051933 DALI	X	X
051934	X	X	X	X	051934 DALI	X	X
051935	X	X	X	X	051935 DALI	X	X