



BIOWN FLOOR-STANDING

SL-B6-2765-1-ST4

BIOWN FLOOR-STANDING - automatic circadian light
- For office, home office use

BIOWN FLOOR-STANDING luminaire is designed to use multi-channel automatic LED light mixing technology, which ensures natural like color rendition and emulation of natural daylight, maintains human biorhythms during day.

BIOWN FLOOR-STANDING is perfect for work and wellbeing, helps regulate visual acuity, mood, alertness and productivity, supports human circadian rhythm.

Product benefits

- Scandinavian design concept.
- Natural daylight recreation $R_a > 95$; $R_9 > 90$.
- Flicker-free up to 800Hz.
- Automatic circadian light mode to support natural biorhythms.
- 5 years warranty, durable and made of environmentally friendly materials.
- Energy saving.
- Easy to assemble and operate.

Product features

- Integrated driver and circadian control.
- Built in automatic or manual light intensity and temperature control.
- Possibility of tilting luminaire head for online meetings or quality selfies.
- Can be transferred anywhere in the office where quality light is required.


Warnings and Safety

- The product is class IP20 therefore it is not protected against water ingress. Manufacturer does not provide any guarantee of safe failure and warranty will be void provided the product is subject to water ingress.

BIOWN FLOOR-STANDING

Product data

General information

Brand name:	BIOWN
Type:	SL-B6-2765-1-ST4
Power supply, drivers and controls:	Integrated
Cable:	Cable 3 m with EU plug CEE 7/4 (Schuko) 
Protection class IEC:	Safety class I
Ingress protection code:	IP20
Ball shot safe:	No
Marking:	CE
Warranty:	5 years (limited)

Electrical data

Mains voltage:	230VAC 50Hz; 120VAC 60Hz
Initial input power (max.):	68 W $\pm 5\%$
Power efficiency:	$\leq 85\%$
Power factor:	> 0.9
Installation power*:	80 W $\pm 5\%$

Photometrical data

Color Rendering Indexes:	CRI Ra > 95 ; CRI R9 > 90
Luminous flux :	Max. 5300 lm $\pm 5\%$
Automatic circadian mode BOOST:	Power: 42.5W \div 68W $\pm 5\%$; CCT: 2700K \div 6500K $\pm 5\%$
Automatic circadian mode ECO:	Power: 42.5W $\pm 5\%$; CCT: 2700K \div 6500K $\pm 5\%$
Manual light control with push buttons:	Power: 22W \div 68W $\pm 5\%$; CCT: 2700K \div 6500K $\pm 5\%$
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
EU RoHS compliant:	Yes
Flickering (Pst LM):	< 1
Stroboscope effect metric (SVM):	< 0.4
Chromaticity in all CCT range: 2700K \div 6500K :	SDCM < 3
Beam angle:	99° @ C0-180; 109° @ C90-270

* LED aging compensation mode: after 45000 working hours at maximum light intensity power consumption may increase up to 80 W

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Housing

Stand color (optional):	Black - luminaire type: SL-B6-2765-1-ST4B
	White - luminaire type: SL-B6-2765-1-ST4W
	Grey - luminaire type: SL-B6-2765-1-ST4G
Luminaire head housing material:	Aluminum and ABS plastic
Luminaire head light diffuser:	Acrylate opal
Stand material:	Steel tube
Dimensions (Height x Width x Depth):	875 x 440 x 2065 mm
Weight:	16.5 kg

Application & Mounting

Operating temperature:	10 ÷ 40 °C
Dimmable	Yes
Type of dimming	Push button
Mounting type	Standing
Mounting location	Floor
Application environment	Indoor
Light source replaceable:	Yes (service performed by manufacturer or its authorized representative)

Lifespan

Lifespan L70/B50 at 25°C:	60 000 h
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Download data

IES file (IES):	Contact distributor
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Logistical data

EAN code – stand colour BLACK RAL9005:	4779056560108
EAN code – stand colour WHITE RAL9016:	4779056560115
EAN code – stand colour GREY RAL9006:	4779056560122
Packaging Unit:	Box
Gross weight:	19 kg
Packaging dimensions (Length x Width x Height):	1200 x 640 x 150 mm

