

SL-B6-2765-1-ST4 is a recessed luminaire that integrates a lighting system with multi-channel circadian rhythm control, ensuring the color reproduction of natural light. This luminaire has been developed to promote health and well-being by helping to regulate biological activities and therefore circadian rhythm regulation.

With LEDs with a high color rendering index (Ra>95), (R9>90) and a long service life - L70/B50 at 25°C - (>60,000h), with different color temperatures available.



PRODUCT DESCRIPTION

Mounting Type	Recessed;
Body	Extruded AL6063 aluminum and ABS plastic;
Application	Multipurpose facilities; Offices;
CRI	Ra >95; R9 >90;
Diffuser	O - Opaline; (acrylic)
Control	Push-button dimming control system;
Tc	+10°C a +40°C

ELECTRICAL SPECIFICATIONS

Power Factor	> 0,90;
Protection class	I;

STANDARDS (PRODUCTS MANUFACTURED ACCORDING TO:)

- EN 62778
- EN 62471

FINISHES

Br	White
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Different finishes upon request

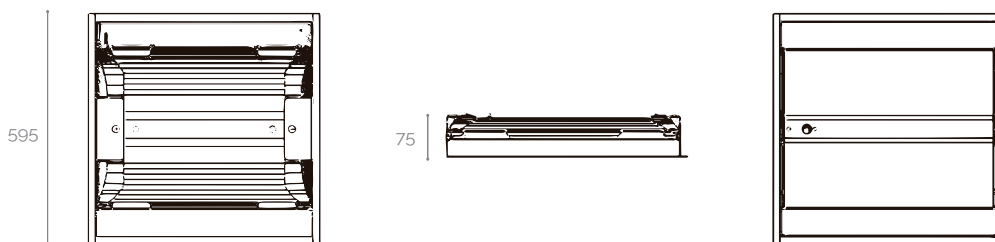
PACKAGE

Weight (Kg)	5,8
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MECHANICAL DRAWINGS (mm)

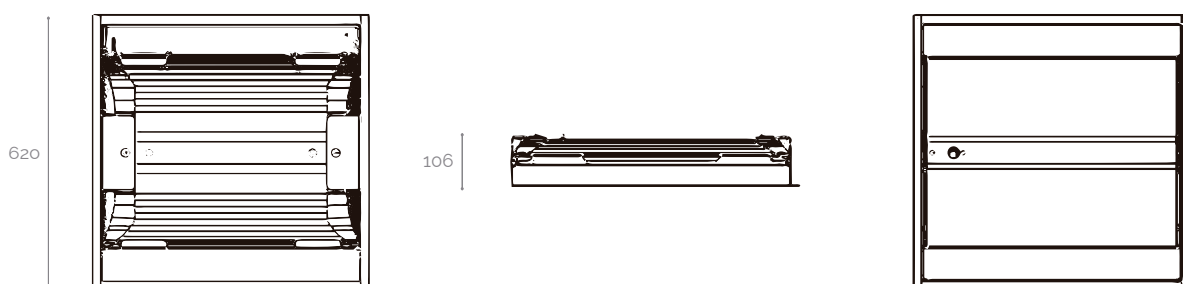
SL-B6-2765-1-R1

MODEL



SL-B6-2765-1-R2

MODEL



PHOTOMETRIC SPECIFICATIONS

MODEL	POWER (W)	PHOTOMETRIC CODE	LUMINOUS FLUX (lm)	SYSTEM EFFICIENCY* (lm/W)
SL-B6-2765-1-ST4	80 ^(*)	927	3400	80
		965	5300	

NOTE: Nominal values at temperature (T_p - 25°C) | (*) - Normal system (without control);
 The luminaire's luminous flux and input power are indicative values valid for an ambient temperature of 25°C. The actual flux emitted by the luminaire depends on environmental conditions (e.g. temperature and pollution) and may vary according to specific configurations. The reported values are subject to the tolerances in technology.

MODEL S/ SM /R - the electrical structure of the luminaires is the same, only the type of mounting changes;

(*) INSTALLATION POWER: LED ageing compensation mode: after 45,000 hours of work at maximum light intensity, power consumption can increase by up to 80W;

CIRCADIAN CIRCLE



AUTO BOOST

POWER	42.5 W ÷ 68 W
CCT	2700K ÷ 6500K



AUTO ECO

POWER	42.5W
CCT	2700K ÷ 6500K

MODO MANUAL

POWER	68 W ÷ 21 W
CCT	2700K ÷ 6500K

SPECIFIC PRODUCT CHARACTERISTICS

Slim design with an elegant shape that creates a broad sense of light - suitable for multipurpose installations.

Flicker-free up to 800Hz;

Drivers and circadian control are installed inside the luminaire.

Thermal management - the main part of the aluminum structure serves as a heat sink;

No glare - the designed shape produces a large light emitting surface

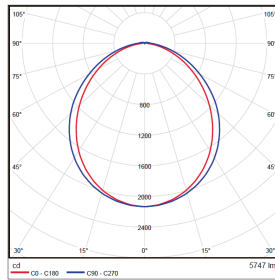
Can be used in automatic or manual mode to manage settings, easily controlled manually (x2 buttons) or with a smart device.

Light mode with the possibility of automatic circadian control to support natural biorhythms.

The optical feedback stabilization system, for color and ageing compensation, guarantees quality stability throughout the luminaire's lifetime.

The integrated passive infrared (PIR) and ambient light (AL) sensors adapt to the environment and reduce electricity consumption

POLAR DIAGRAM



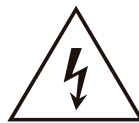
ORDER EXAMPLE

PRODUCT FAMILY	PHOTOMETRIC CODE	DIFFUSER	FINISHING	OPTIONS
SL-B6-2765-1-ST4	927	O	Br	-

ILLUSTRATIVE IMAGES



NOTES



RISK OF
ELECTRIC SHOCK

This device is suitable for pricking out.
Light source not user-replaceable.

For more information on the different architectures, solutions and functionalities available, please contact Lightenjin.

Under the general terms of the supply of our services and/or equipment, Lightenjin declines any responsibility for the use or purpose assigned to them, which are the sole and exclusive responsibility of the customer.

Lightenjin reserves the right to change the information contained in this document without prior notice.

LIGHTENJIN II - LIGHTING INDUSTRY, LDA

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