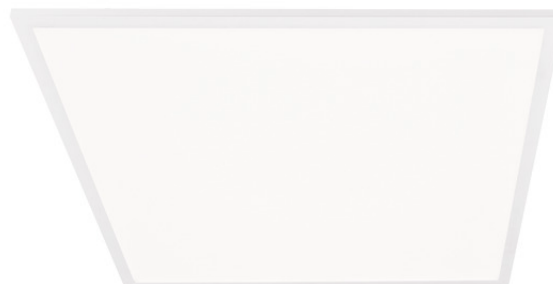




PLATA 30W/830 WH

Plata is a low-profile modular luminaire designed for offices, corridors, lobbies, schools and other public spaces. Anti-glare models equipped with micro-prismatic diffusers offer an excellent solution for classrooms and spaces where computers and other equipment with displays are used. Plata is suitable for recessed mounting in false ceilings, which makes it ideal for offices and public spaces. It can also be suspended on wires or surface-mounted with a separate mounting set. The control options are On/Off, DALI, push button and 1–10 V. The luminaire is also available as Casambi and Helvar Active Ahead versions. The luminaire is linkable.



Aluminium body, PMMA light guide plate.

White.

Protection class II.

Suspended, surface or recessed mounting, mounting in a concealed grid, linkable max. 5 x 2.5 mm².

Colour temperatures: 3,000 K and 4,000 K, CRI >80.

MacAdam 3 SDCM.

IP20.

Fixed LED: 30–43 W / 3,150–4,800 lm.

On/Off, DALI, push button and 1–10 V control. Available also as Casambi and Helvar ActiveAhead versions.

Luminous fluxes and connecting wires can be customised.

Ambient temperature range: 0 °C to +25 °C.

Lifespan L70 100,000 h (Ta25°C).

Lifespan L80 60,000 h (Ta25°C).

Power source lifespan: 100,000 h

<https://www.youtube.com/watch?v=-EkcUvHHS0U>

Material	ALUMINIUM HOUSING, OPAL DIFFUSER, PMMA LGP
Coupling	LINKABLE, 5X2,5MM ² , SPRING TERMINAL BLOCK
Mounting	FLUSH MOUNT INTO SUSPENDED CEILING SYSTEMS
LED-module lifetime L70B50	60 000H
LED-module lifetime L80B50	40 000H
Control	Non-Dimmable
Quantity of luminaires for MCB C16:	36
Quantity of luminaires for MCB C10:	23
Quantity of luminaires for MCB B16:	24
Quantity of luminaires for MCB B10:	15

PRODUCT CODE	GTIN1	L X H X W	KG	PRODUCT FAMILY
PLATA 30W/830 WH				
4209517	6435200232762	595 x 10.5 x 595	3.000	PLATA

TECHNICAL DATAS (ETIM)

Beam angle	Open beam	Type of control gear	LED operating device current-controlled
ETIM class	EC002892	Number of poles	5
No dimming function	Yes	Nominal voltage (max) (V)	240
Energy efficiency class	A++	Nominal voltage (min) (V)	220
Reflector	High-gloss	Nominal current (max) (mA)	900
Dimming 0-10 V	No	Nominal current (min) (mA)	900
Dimming 1-10 V	No	Dimming with push-button	No
Dimming DALI	No	Fire resistance "D"	Yes
Dimming DMX	No	Surface finishing	Glossy
Dimming DSI	No	Length (mm)	595
Dimming GPRS	No	Built-in height/depth (mm)	10,5
Dimming LineSwitch	No	Colour housing	White
Dimming RF	No	With lamp	Yes
Dimming Sine Wave Reduction	No	With movement sensor	No
Dimming Zigbee	No	Control gear included	Yes
Dimming phase cut-on	No	Suitable for light line configuration	No
Dimming phase cut-off	No	Suitable for ceiling mounting	Yes
Dimming programmable	No	Suitable for lamp power (max) (W)	30
Dimming potentiometer (integrated)	No	Suitable for lamp power (min) (W)	30
Dimming depending on control gear	No	Suitable for surface mounting	Yes
Dimming manufacturer's proprietary system	No	Fit for monitor workplace	No
Dimming mains voltage modulation	No	Suitable for suspended mounting	Yes
Type of dimming	Not dimmable	Suitable for wall mounting	No
Dimming Touch and Dim	No	Suitable for emergency lighting	No
Type of grid	Matt	Suitable for built-in mounting	Yes
With air slots	No	Protection class	II
Emergency unit integrated	No	Material cover	Plastic, opal
Conductor cross section (mm ²)	2,5	Built-in width (mm)	595
Voltage type	AC	Built-in length (mm)	595
System power (W)	30	Rated life time L70/B50 at 25 °C	100000
Type of wiring	Suitable for through wiring	Rated life time L80/B50 at 25 °C	60000
Energy efficiency class of the built-in lamp	A++, A+, A (LED)	Effective luminous flux (lm)	3150
Height/depth (mm)	10,5	Build in insulated ceiling, fire-resistance	No
Degree of protection (IP)	IP20	Luminaire efficacy (lm/W)	100
Material housing	Aluminium	Light sharing	Symmetric
Circuit	Parallel-compensated	Light outlet	Direct
Connection type	Pinching contact	Colour of light (alphanumeric)	White
Ambient temperature (max) (°C)	25	Light distributor	Diffuser lens/optic/panel
Ambient temperature (min) (°C)	0	Lamp type	LED not exchangeable
LED nominal current at constant current (max) (mA)	900	With light sensor	No
LED nominal current at constant current (min) (mA)	900	Colour temperature (max) (K)	3000
Suitable for number of lamps	1	Colour temperature (min) (K)	3000
Lamp power (W)	30	Colour rendering index CRI	80-89
Lamp holder	Other	Colour consistency (McAdam ellipse)	SDCM3
Width (mm)	595	Rated ambient temperature acc. IEC62722-(max) (°C)	25
		Rated ambient temperature acc. IEC62722-(min) (°C)	0

