Keto Pro

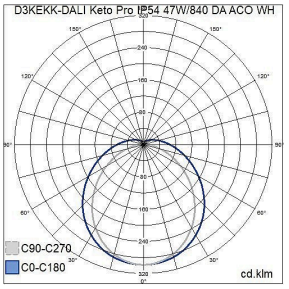
IP44 47W/840 DA ACO WH



Industrial luminaire

Keto Pro is a versatile general luminaire with IP54 protection, designed for use in warehouses, corridors and wet indoor spaces. The luminaire has a steel housing and a low, narrow structure, and it is available with four different outputs, as well as two housing lengths and colour temperatures. The Keto Pro range also includes radar and Dali models. With the protection grid, available as an accessory, the luminaire is suitable for installation in sports halls and facilities.

Keto Pro Sealed industrial luminaire 47W 4000K 6900lm Dim DALI-2; IP54; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>80; SDCM3; Linkable; 5x2.5mm²; Housing Steel; Colour wh; Cover Plastic, opal



Stocked: No

IP44 47W/840 DA ACO WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
	D3KEKK-DALI	3	Keto Pro

IP44 47W/840 DA ACO WH

EC002892 Ceiling / wall luminaire

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for recessed mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Suitable for clamp-mounting	Yes
Fit for workplace acc. EN 12464-1	No
Degree of protection (IP)	IP54
Degree of protection (IP), rear side	IP54
Degree of protection (IP), front side	IP54
Max. number of luminaires per miniature circuit breaker B16	13
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Suitable for emergency lighting	No
Luminaire may be covered with thermally insulating material	-
Type of wiring	Suitable for through wiring
Number of poles	5
Conductor cross section (mm²)	2.5 mm²
Connection type	Screwless terminal

Structure	
With mounting material	Yes
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Steel
Housing surface protection	Powder coating
Housing colour	White
Cover material	Plastic, opal
Type of grid	Matt
Control gear included	Yes
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	C
Containing product according to 2019/2020/EU	Yes
Emergency power supply integrated	No
With switch	No
With air slots	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	1400 mA
Nominal current (max) (mA)	1400 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	47 W
Suitable for lamp power (max) (W)	47 W
Maximum system power (W)	47 W
Luminaire efficacy (lm/W)	147 lm/W
Power factor	0.9
Total harmonic distortion	10 THD

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	Yes
Dimming DALI-2	Yes
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	No
Dimming leading edge	No
Dimming programmable	No
Dimming potentiometer (integrated)	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	No
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	6900 lm
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Colour temperature switchable	No
Lumen setting adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	85 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Width (mm)	110 mm
Height/depth (mm)	62 mm
Length (mm)	1500 mm