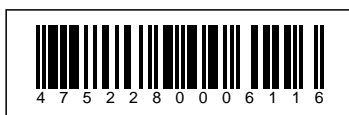


LED panel GEN2 16W 4000K 2000Lm 295x595 mm KR driver



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Article number:	TH 03022-1
EPREL number:	1922092
Status product:	126 - CURRENT
Changed last:	11-11-2024
Brand:	Thorgeon
Type:	KR driver
ETIM Group:	EG000027 - Luminaires
ETIM Classes:	EC002892 - Ceiling-/wall luminaire
Synonym:	Bed lighting luminaire, Bed wall luminaire, Bulleye, Ceiling and wall luminaire, Ceiling- and wall luminaire, Ceiling-/wall luminaire, Downlighter, Facade luminaire, FL luminaire



Feature

Suitable for wall mounting:	Yes	Rated life time L80/B10 at 25 °C:	0 h
Suitable for suspended mounting:	No	Rated life time L90/B10 at 25 °C:	0 h
Suitable for ceiling mounting:	Yes	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq):	99.04 %
Suitable for built-in mounting:	No	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq):	98.46 %
Suitable for surface mounting:	No	Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq):	97.36 %
Suitable for light line configuration:	No	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq):	0 %
Suitable for workplace according to EN 12464-1:	No	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq):	0 %
Lamp type:	LED not exchangeable	Failure rate at median useful life of 75,000 h at 25 °C ambient (tq):	0 %
With light source:	Yes	Degree of protection (IP):	IP20
Suitable for number of light sources:	1	Degree of protection (NEMA):	2
Lamp holder:	Other	Impact strength:	IK05
Housing material:	Aluminium	Protection class:	II
Surface protection housing:	Lacquered	Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24:	No
Housing colour:	White	Rated ambient temperature according to IEC 62722-2-1:	55 ~ 105 °C
Material cover:	Without cover	Suitable for emergency lighting:	No
Voltage type:	DC	Emergency power supply integrated:	No
Nominal voltage:	220 ~ 240 V	With movement sensor:	No
Nominal current:	500 ~ 500 mA	With light sensor:	No
Type of control gear:	Not required	Covering of the luminaire with thermally insulating material possible:	No
With control gear:	No	With air slots:	No
Exchangeable control gear:	No	Suitable for lamp power:	40 ~ 40 W
Dimming 0-10 V:	No	Max. system power:	0 W
Dimming 1-10 V:	No	Luminaire efficacy:	125 lm/W
Dimming DALI-2:	No	Rated luminous flux according to IEC 62722-2-1:	2000 lm
Dimming DALI:	No	Colour of light:	White
Dimming DMX:	No	Colour temperature:	4000 ~ 4000 K
Dimming DSI:	No	Colour rendering index CRI:	80-89
Dimming potentiometer (integrated):	No	Power factor:	0.9
Dimming GPRS:	No	Constant light output (CLO):	Yes
Dimming LineSwitch:	No	Width:	295 mm
Dimming manufacturer's proprietary system:	No	Height/depth:	9 mm
Dimming mains voltage modulation:	No	Length:	595 mm
Dimming phase cut-off:	No	Outer diameter:	0 mm
Dimming phase cut-on:	No	Built-in length:	0 mm
Dimming programmable:	No	Built-in width:	0 mm
Dimming RF:	No	Built-in height/depth:	0 mm
Dimming Sine Wave Reduction:	No	Built-in diameter:	0 mm
Dimming Touch and Dim:	No	Type of wiring:	Suitable for through wiring
Dimming Zigbee:	No	Conductor cross section:	0.75 mm²
Dimming with push-button:	No	Connection type:	Plug
Dimming depending on control gear:	No	Total harmonic distortion:	15
No dim function:	Yes	Photobiological safety according to EN 62471:	RG2
Light distributor:	Diffuser lens/optic/panel	Unified Glare Ratio (UGR):	22
Light sharing:	Symmetric	Luminous intensity:	0 cd

Beam angle:	Extreme wide beam >80°	Colour of light adjustable:	No
Colour consistency (McAdam ellipse):	SDCM6	Luminous flux adjustable:	No
Light outlet:	Direct	Beam angle adjustable:	No
Energy efficiency class of the built-in lamp:	A++, A+, A (LED)	Operation by Bluetooth:	No
Energy efficiency class of the provided exchangeable built-in lamp:	A++	Compatible with Apple HomeKit:	No
Highest energy efficiency class of the exchangeable lamp:	E	Compatible with Google Assistant:	No
Lowest energy efficiency class of the exchangeable lamp:	E	Compatible with Amazon Alexa:	No
Rated life time L70/B50 at 25 °C:	50000 h	IFTTT support available:	No

Packaging data

Weight	1.2 kg
Width	340 mm
Height	30 mm
Length	645 mm
Customs code	85395100

