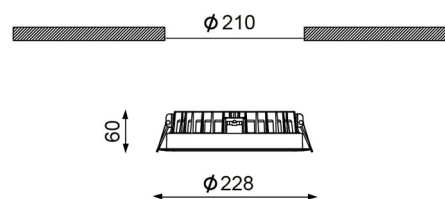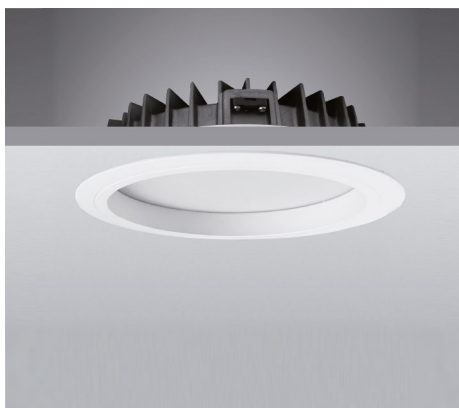# PROLUMIA®

LED Downlight (general lighting)

LED Downlight 228 mm 24W

\# 42144010
EAN: 8719689122423

THE ALTERNATIVE TO TRADITIONAL COMPACT FLUORESCENT DOWNLIGHTS

Architects and lighting consultants always have the need for reliable innovative light solutions. The fixtures in the Prolumia LED Downlight series are mainly used for basic lighting and are the perfect alternative to traditional compact fluorescent downlights. Energy savings from > 50% can be realised due to the extremely high system efficiency.

PRODUCT FEATURES

Suitable for wall mounting	✔	Nominal voltage	220|240	Volt
Suitable for wall mounting	✔	Nominal current	500|500	Milliampere
Suitable for suspended mounting	✘	Rated lifetime L70/B50 at 25 °C	50000	Hour
Suitable for ceiling mounting	✔	Rated ambient temperature according to IEC 62722-2-1	-30|40	Degrees celsius
Suitable for built-in mounting	✔	Luminaire efficacy	83.5	Lumen/Watt
Suitable for surface mounting	✘	Rated luminous flux according to IEC 62722-2-1	2000	Lumen
Suitable for light line configuration	✘	Max. system power	24	Watt
Suitable for workplace according to EN 12464-1	✘	Colour temperature	3000|3000	Kelvin
Lamp type	LED not exchangeable	Power factor	0.85	
With light source	✔	Height/depth	60	Millimetre
Lamp holder	Other	Outer diameter	228	Millimetre
Housing material	Aluminium	Built-in height/depth	60	Millimetre
Surface protection housing	Lacquered	Built-in diameter	210	Millimetre
Housing colour	White	Unified Glare Ratio (UGR)	24	
Material cover	Plastic, opal			
Type of grid	None			
Voltage type	AC			
Type of control gear	LED operating device current-controlled			
With control gear	✔			
Dimming 0-10 V	✘			
Dimming 1-10 V	✘			
Dimming DALI	✘			
Dimming DMX	✘			
Dimming DSI	✘			
Dimming GPRS	✘			
Dimming LineSwitch	✘			
Dimming manufacturer's proprietary system	✘			
Dimming mains voltage modulation	✘			
Dimming phase cut-off (trailing edge)	✘			
Dimming phase cut-on (leading edge)	✘			

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PRODUCT FEATURES
(continuation)

Dimming programmable	✖
Dimming potentiometer (integrated)	✖
Dimming RF	✖
Dimming Touch and Dim	✖
Dimming Sine Wave Reduction	✖
Dimming Zigbee	✖
Dimming with push-button	✖
Light distributor	Diffuser lens/optic/panel
No dim function	✔
Light distribution	Symmetric
Dimming depending on control gear	✔
Beam angle	>80° - Extreme wide beam
Light outlet	Direct
Energy efficiency class of the built-in lamp	A++, A+, A (LED)
Degree of protection (IP)	IP65
Protection class according to IEC 61140	II
Emergency power supply integrated	✖
Suitable for emergency lighting	✖
With movement sensor	✖
With light sensor	✖
Covering of the luminaire with thermally insulating material possible	✖
With air slots	✖
Colour of light according to EN 12464-1	Warm white <3300 K
Colour of light	White
Colour rendering index CRI	80-89
Type of wiring	Ending
Connection type	Screwed terminal
Operation by Bluetooth	✖