

PRO - COGNITIVE LED LIGHTS

SPECTRA MIKADO LINEAR

Linear lights for indirect daytime use

PRODUCT SHEET, SPECIFICATIONS

Our unique LED light is characterized by precise quality and offers great spectral composition. It immediately provides full light intensity, it is not affected by frequent switching, offers a long service life and eliminates flickering.

The SPECTRA MIKADO LINEAR light is designed for indirect daytime use. By installing the light source under the ceiling you will achieve natural daylight illumination. The existing electrical wiring may be used for connection and installation. The correlated colour temperature CCT 4400–4700 K contains a spectral component that mimics sunlight and supports health, physical and mental vitality and cognitive functions (cognitive performance and endurance, concentration, focus, speech functions, quick thinking and the ability to understand and remember information). The LED light is manufactured in several standardized lengths, which may be linked together, or it may be manufactured to a specific length. The minimum length is 1 m. The body of the light is made of an aluminium anodised profile that can be delivered in RAL shades. The light may be installed by hanging, usually under the ceiling. UGR assemblies used for indirect lighting systems provide almost no undesired glare.

Examples of applications: training and teaching facilities, physician's offices, hospitals, nursing homes, laboratories, IT workplaces, kitchens, shops and service-providing establishments, and many more.

TECHNICAL SPECIFICATIONS

LIGHT PARAMETERS

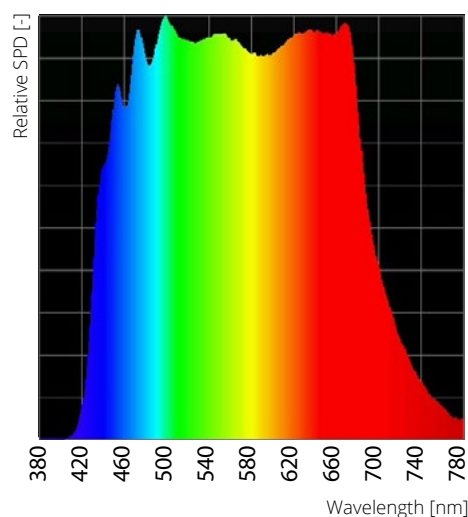
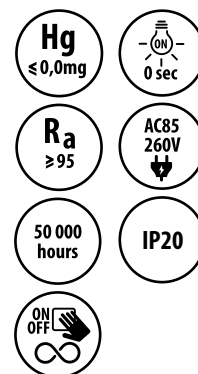
Light distribution	indirect				
Optical system	diffuser – clear				
Colour rendering index - CRI	> 95				
Correlated colour temperature - CCT	4,400 - 4,800 K				
Service life	50,000 hours				
UGR	0				
Length	1 m	1.5 m	2 m	3 m	4 m
Luminous flux	5,000 lm	7,500 lm	10,000 lm	15,000 lm	20,000 lm

ELECTRONIC PARAMETERS

Light source	LED				
Supply voltage	AC 230V / 50Hz				
Ballast	internal electronic ballast				
Control options	no dimming option / DALI, DSI, SwitchDIMM				
Length	1 m	1.5 m	2 m	3 m	4 m
LED power input	50 W	75 W	100 W	150 W	200 W

PRODUCT PARAMETERS

Suspension line length	80 cm				
Material	aluminium profile, PMMA				
Colour	anodized aluminium, RAL colours				
Length	1 m	1.5 m	2 m	3 m	4 m
Dimensions	100x5x6 cm	150x5x6 cm	200x5x6 cm	300x5x6 cm	400x5x6 cm
Weight	2 kg	3 kg	3.5 kg	6 kg	7 kg



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