

PRO-COGNITIVE SPECTRUM LED LUMINAIRE

1,600x300 mm, 80-96 W



PRODUCT SHEET, SPECIFICATIONS

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

It is designed as an easy replacement for existing light sources while using standard electrical wiring. The correlated colour temperature CCT 4400 - 4700K contains a spectral component that mimics sunlight and supports health, physical and mental vitality and cognitive functions (cognitive performance and endurance, concentration, attention, speech functions, quick thinking and the ability to understand and remember information). The LED Panel dimensions are 1,600x300 mm. The colour, shape and size may be designed according to specific measurements. It is made of high-quality, strong sheet steel and may be suspended or inserted into an opening - based on the installation area layout.

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



TECHNICAL SPECIFICATIONS

LIGHT PARAMETERS

Light distribution	direct
Optical system	diffuser - opal
Colour rendering index - CRI	> 95
Correlated colour temperature - CCT	4,400 - 4,800 K
Luminous flux	5,580 - 6,700 lm
Service life	L80B20 70.000 hours
UGR	< 19

ELECTRONIC PARAMETERS

Light source	LED
Supply voltage	220-240V / 50-60 Hz
Ballast	internal electronic ballast
Control options	no dimming option / DALI, DSI, 1-10 V

PRODUCT PARAMETERS

Dimensions	1,600 x 300 x 80
Material	sheet steel, PMMA
Colour	white matt

Hg
0,0mg

R_a
≥95

50 000
hours

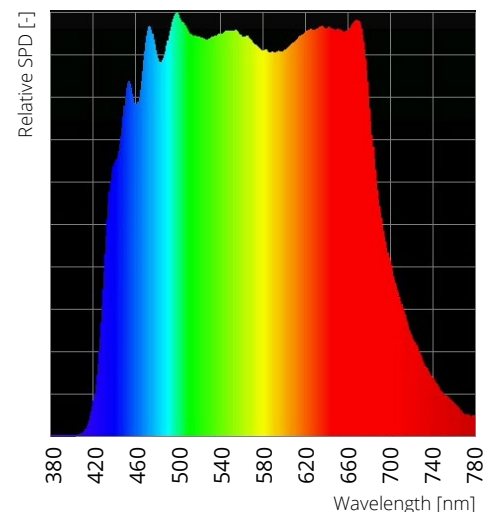
ON
OFF
∞

0 sec

AC85
260V

IP20

UGR
1,9
-19



Spectrasol, s.r.o.
www.spectrasol.cz
E-mail: info@spectrasol.cz
Contact address:
Sázavská 32, Prague 2 – Vinohrady, 120 00

SPECTRASOL
BIODYNAMIC HUMAN SOLUTIONS

