

COLOR CONTROL CENTER multiLight

Accessible standardized viewing booth for visual color control.



The new Color Control Center multiLight with four light modules for visual color assessment and detection of metamerism effects.

The versatile multiLight color viewing light is specifically designed for color matching of large items and surface areas. It is a complete system that creates a standards-conformant viewing environment without the need to construct a room.

Up to three illuminants can be configured from a choice of five (D65, D50, TL84, A, UV). With support for a virtually unlimited number of lights in series, the system can be scaled to illuminate entire rooms under defined lighting conditions.

Application Areas

JUST Normlicht multiLight color viewing lights are used for the visual assessment of colors and surfaces in numerous industrial sectors:

- Automotive, Aerospace
- Furniture
- Textiles, Clothing
- Paints, Coatings, and Plastics
- Ceramics
- Cosmetics, Fashion, Retail
- Printing and Reprographics
- All industries where the critical assessment of colors and surfaces is essential

multiLight PROFESSIONAL connect

Any number of color viewing lights are operated either directly via the external Electronic Control Panel or remotely via WiFi through the supplied remote app using a PC, tablet, or smartphone.



DESCRIPTION AND FEATURES



MULTILIGHT:

- Lamp housing made of aluminum profile, silver-anodized, 124 x 80 x 16 cm
- Symmetrical light distribution for reflection-free color matching
- Maximum output for high illuminance
- Fitted with 2–3 illuminants for detection of metamerism:
 - D65 daylight 6500 kelvin, illuminance 2000/3500 lux
 - D50 daylight 5000 kelvin, illuminance 2000/3500 lux
 - TL84 / F11 store light 4000 kelvin, illuminance 2000/3500 lux
 - A incandescent/halogen light 2856 kelvin, illuminance 2800 lux (with cooling fan)
 - Illuminance at a height of 1m above ground level
- Compliant with ISO 3668; DIN6173-2, and VDA 280 parts 8B, 8C
- JUST daylight 5000 proGraphic and JUST daylight 6500 proIndustry lamps ensure a precise simulation of daylight illuminants of the quality grade BC (min.) according to CIE 51.2 – measurement log and certificate are included
- Homogeneous illumination by means of prismatic lenses, UV-transmittant
- No reflection of lamps on matching samples
- Digital hour meter for all illuminants, with notification if a lamp needs to be replaced

Power consumption:

4 kW from multiLight Center when fitted with all 4 color viewing lights

Power supply:

16 A, 3~, either via red CEE plug or direct installation

CONTROL OPTIONS:

- Modern SPS control system in external housing
- Control an unlimited number of lights
- Operation via Electronic Control Panel
- Via WiFi with the system's remote control using a PC, tablet, or smartphone (Remote application)
- 10 freely programmable matching sequences
- Illuminants D65, D50, and TL84 are dimmable
- Options for the automatic creation of matching logs
- Mixed light conditions can be unlocked if required

Alternatively:

Manual control unit with socket available

STANDARDIZED VIEWING BOOTH:

- Viewing booth dimensions 325 x 235 x 280 cm (WxDxH) with top panel for complete ambient light exclusion
- Framework of easy-to-assemble, solid aluminum profiles (80 mm square profiles)
- Available surrounds include lightweight removable sliding doors, solid walls, or opaque curtains with a neutral gray finish.
- Can be fitted with up to 4 multiLight lamps

Accessories:

- Light table 200 x 90 cm, double-pedestal table with neutral gray worktop
 - Optional equipment:
 - Motorized height adjustment from 68 to 118 cm (triple memory)
 - Continuous gas-spring height adjustment from 83 to 139 cm
 - Continuous gas-spring height and slant adjustment (up to 85°) from 88 to 144 cm
- Further table sizes available upon request

TECHNICAL SPECIFICATIONS – multiLight PROFESSIONAL

Housing:	Aluminum profiles, silver-anodized
Dimensions:	124 x 80 x 16 cm (WxDxH)
Weight:	25 kg
Mounting:	With eyebolts or steel wires in 4x M5 blind threaded rivet on top
Diffusing lens:	Fitted according to ISO 3668
Lamp configuration:	Illuminant D65: 8x JUST daylight 6500 proIndustry Power consumption: 260 watt Illuminant F11 (TL84): 5x TLD 840 – T8 Power consumption: 165 watt Illuminant A: 2x halogen lamp 205W E27 4000 lm Each with cooling fan, not dimmable Power consumption: 540 watt
Control options:	Electronic Control Panel with power relays
Digital hour meter:	For every illuminant
Power consumption:	Total: 1 kW
Power supply:	Built-in plug for low-heat devices with protective conductor
Supply voltage:	100–240V; 50–60Hz multi-voltage
Degree of protection:	IP 20