

# 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, 49" x 31" x 6"
- 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 10.7 x 7.7 x 9.2 ft (WxDxH) with top panel for complete ambient light exclusion
- Framework of easy-to-assemble, solid aluminum profiles (3" 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 78" x 35", double-pedestal table with neutral gray worktop
  - Optional equipment:
    - Motorized height adjustment from 27" to 46" (triple memory)
    - Continuous gas-spring height adjustment from 33" to 55"
    - Continuous gas-spring height and slant adjustment (up to 85°) from 35" to 57"
- Further table sizes available upon request

## TECHNICAL SPECIFICATIONS – multiLight PROFESSIONAL

<b>Housing:</b>	Aluminum profiles, silver-anodized
<b>Dimensions:</b>	49" x 31" x 6" (WxDxH)
<b>Weight:</b>	55 lb
<b>Mounting:</b>	With eyebolts or steel wires in 4x M5 blind threaded rivet on top
<b>Diffusing lens:</b>	Fitted according to ISO 3668
<b>Lamp configuration:</b>	<div>Illuminant D65: 8x JUST daylight 6500 proIndustry Power consumption: 260 watt</div> <div>Illuminant F11 (TL84): 5x TLD 840 – T8 Power consumption: 165 watt</div> <div>Illuminant A: 2x halogen lamp 205W E27 4000 lm Each with cooling fan, not dimmable Power consumption: 540 watt</div>
<b>Control options:</b>	Electronic Control Panel with power relays
<b>Digital hour meter:</b>	For every illuminant
<b>Power consumption:</b>	Total: 1 kW
<b>Power supply:</b>	Built-in plug for low-heat devices with protective conductor
<b>Supply voltage:</b>	100–240V; 50–60Hz multi-voltage
<b>Degree of protection:</b>	IP 20