

spectraLUX II™ (Digital)

INTRODUCTION

spectraLUX-II™ (Digital) is the latest Colour Matching Booth specially designed to meet the requirements of American Buyers and Major US Retail stores. It is a foldable type cabinet, which exhibits high quality construction with exceptional versatility. It is the only booth having SIX light sources:

- Artificial Daylight (D-65)
- Cool White Light (CWF)
- U-30 Light (Store Light Matching)
- TL-84 Light -Triphosphor fluorescent Light
- INC-A Light (Domestic Light Matching)
- Ultra Violet Black Light (For Whites & Fluorescent Dyes)

EQUIPMENT

Paramount *spectraLUX-II™ (Digital)* is completely made of MS sheet with interior paint, matching with Munsell N/7 which strictly adheres to American standards. The equipment is supplied with all standard tube lights & bulbs for accurate Color Matching. The exclusive feature is its foldable type body that can be taken anywhere and assembled quickly. To safeguard the expensive & sensitive tube lights & bulbs, *spectraLUX-II™ (Digital)* is fitted with Electronic/ballasts for Instant start & power saving. Specially designed Programmable feather touch control panel for hands free operation. The unit is meticulously finished in an elegant grey, as per American standards.

SALIENT FEATURES

- Latest design colour matching booth to access the colour matching of dyed or printed fabrics & yarns or any material anyway coloured.
- Latest Design colour matching Cabinets for American buyers.
- Feather touch control panel is operator comforts.
- Latest microprocessor based controller for lights with auto sequencing for hands free operation. .
- Interior paint, matching with Munsell N/7, which strictly adheres to the American standards.
- Easy Foldable type metal sheet body helps in easy transportation & Installation.
- Supplied with inspection & calibration certificates.

spectraLUX II™ (Digital) is supplied complete with below accessories.

Main Unit	: 01 No.
Tube Lights	: 06 Nos.
INC A Bulb	: 01 No.
Dust Cover	: 01 No.
Plastic Cap Units to fix the Panels	: 04 Nos.
Mains Lead With Plug	: 01 No.
Detailed User's Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No.



TECHNICAL DETAILS

SPECIFICATIONS

Mains supply : 230V, 50 Hz (Single Phase)

DIMENSIONS

Overall Dimensions of the Instrument : 690 (L) x 570 (W) x 570 (H) mm.
 27" (L) x 22.5" (W) x 22.5" (H) Inch.
 Net Weight of the Instrument : 23 Kg. (50.6 lbs)

B. LIGHT SOURCES (ILLUMINANTS)

Artificial Daylight Fluorescent Lamps (D-65)	: 02 Nos. (20 W)
Tungsten Filament Lamps (Inc A Lamps)	: 01 No. (70 W)
Cool White Fluorescent Lamp (CWF)	: 01 No. (20 W)
Ultra LUME – 3000 (U-30)	: 01 No. (20 W)
Triphosphor Fluorescent Lamp (TL-84)	: 01 No. (18 W)
Ultra-Violet Black Lamp	: 01 No. (18 W)

C. COLOR TEMPERATURE (ILLUMINANTS)

D-65	LIGHT	6500 K (Average North Sky Day Light)
CWF	LIGHT	4150 K (Typical Store/Office Lighting) (Wide Band Fluorescent) USA
U-30		3000 K (Commercial Fluorescent) USA
TL-84	LIGHT	4100 K (Commercial Fluorescent) EUROPE/USA
INCA		2856 K (Typical Home / Accent Lighting) UK/France
U.V.B.	LIGHT	Filtered Near UV
HOUR METER (Analog)		: 0 – 10000 Hrs; L/C : 1 Min.

RELATED STANDARDS

ASTM D 1729
 ISO 3664
 BS 950
 DIN 6173



AATCC
CORPORATE MEMBER



Patron Member



Member Bureau of Indian Standards