

## NEY Limited

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# Light Boxes

Standardise the way you view colour



See colours as they should be seen



Mod: LBOX01

LIGHT BOXES

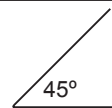
### Model: LBOX01



With the help of different light sources, undesired metameric effects become visible. Metameric colours that seem to be the same under one light source, will suddenly show colour differences when viewed under a different light source. To avoid metameric effects it is necessary that the colour to be judged match the spectral reflection qualities of the colour sample as much as possible. Only after visual determination of the colour it is recommended to define the colour in a technically measured way. The visual quality control (comparison of determined colour and production sample) following should take place under D65.

#### Mod: LBOXSA

Optional 45° slope adapter, ideal for use with the light boxes shown here.



### Model: LBOX02



Creates constant proofing conditions for visual quality control. Offers manual and programmable selection of light sources and an automatic mode which is important to maintain regularity when viewing different colours by providing a constant test criteria. Permanent monitoring of the life span for all tubes ensures a consistent test environment by avoiding the use of aged tubes that no longer have the correct light colour. The digital display, along with diodes that change in appearance serve as a reminder to change tubes in a timely manner.

| Symbol    | Source | Kelvin | CRI | Watt   | Source Description   |
|-----------|--------|--------|-----|--------|--|
| <b>1</b>  | D65    | 6500   | 98  | 2 x 18 | North sky daylight, conforms to all important European and international regulations for visual color matching (CIE D65).  |
| <b>2</b>  | D50    | 5000   | 98  | 2 x 18 | Daylight for colour matching in the graphic arts industry. For reproductions and proofs (CIE D50, ANSI PH 2.30, ISO 3664). |
|           | TL84   | 4100   | 85  | 2 x 18 | Typical lighting for stores, offices, supermarkets and exhibition halls.   |
|           | A      | 2700   | 100 | 2 x 60 | Typical incandescent for homes, offices or hotels (CIE).   |
| <b>UV</b> | UV     | -      | -   | 1 x 8  | Required for textile or paper industries, simulates optical brightness, whitening agents, fluorescent pigments.            |

KEY: Source - see Source Description | Kelvin: Colour temperature | CRI (Colour rendering index): Percentage of colour spectrum covered | Watt: Refers to quantity and power of light tubes.

MORE INFORMATION & TECHNICAL SUPPORT FOR THESE PRODUCTS IS AVAILABLE ON 024 7630 8100