

# 09

## BLACK&

**Light Reflectance Value (LRV)** is the total quantity of visible and usable light that is reflected by a surface (e.g. flooring, walls, furniture, ...) in all directions and at all wavelengths when illuminated by a light source.

LRV is a measurement that indicates how much light a surface **reflects**, and conversely how much it **absorbs**. LRV runs on a scale from 0% to 100%, 0% being a perfectly absorbing surface (black) up to 100% being a perfectly reflective surface (white). Additional to the colour of the surface, structure and gloss are factors that influence the light reflectance value.

The LRV certificates of all modulyss® products are awarded by **CSTB** which executes the measurement according to the **EN 410** and **EN 14500** standard.

The **L-value**, which is the colour depth, is used to calculate visual contrast. However this should not be mixed up with the LRV as the L-value is significantly higher. This is tested in accordance with the **EN ISO 11664-4** standard.

### Light Reflectance Values

COLOR	L-value	$\rho$ %
001	48	17
102	34	8
148	26	5
316	19	3
322	26	5
432	22	4
504	25	4
609	26	5
662	32	7
822	21	3
832	21	3
915	29	6
930	27	5
950	< 20	< 3
966	< 20	< 3
991	23	4
990	0	0

WHITE&BLACK		
COLOR	L-value	$\rho$ %
001	48	17
990	0	0