

# 28

## WHITE&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

BLACK&		
COLOR	L-value	ρ %
001	48	17
990	0	0

FIRST ABSOLUTE		
COLOR	L-value	ρ %
039	56	23
990	44	14

METALLIC		
COLOR	L-value	ρ %
039	60	28
997	28	5

COLOR&		
COLOR	L-value	ρ %
039	78	53
990	18	3

ON-LINE		
COLOR	L-value	ρ %
039	62	30
991	37	10

CAMBRIDGE		
COLOR	L-value	ρ %
039	77	52
991	14	2