LIGHT REFLECTANCE VALUE
Valid from 01/01/2015

## DSGN CLOUD

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 ${ }^{\circledR}$ products are awarded by $\mathbf{C S T B}$ 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 | $\rho \%$ |
| :---: | :---: | :---: |
| 101 | 51 | 19 |
| 136 | 40 | 12 |
| 181 | 52 | 20 |
| 342 | 32 | 7 |
| 575 | 24 | 5 |
| 809 | 26 | 5 |
| 823 | 43 | 13 |
| 912 | 57 | 25 |
| 930 | 40 | 11 |
| 965 | 31 | 7 |
| 989 | 32 | 8 |
| 993 | 28 | 6 |

