

# FIRST SWAY

**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 **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

| COLOUR | LRV | L  |
|--------|-----|----|
| 061    | 27  | 59 |
| 102    | 23  | 55 |
| 140    | 12  | 41 |
| 175    | 23  | 55 |
| 215    | 21  | 53 |
| 345    | 9   | 35 |
| 388    | 5   | 28 |
| 512    | 4   | 23 |
| 596    | 8   | 34 |
| 626    | 15  | 45 |
| 658    | 7   | 32 |
| 815    | 15  | 46 |
| 842    | 10  | 38 |
| 847    | 7   | 32 |
| 914    | 25  | 57 |
| 957    | 19  | 46 |
| 965    | 6   | 29 |
| 995    | 3   | 20 |