

LUME

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 |
|--------|-----|----|
| 140 | 21 | 53 |
| 398 | 21 | 53 |
| 447 | 10 | 39 |
| 514 | 23 | 55 |
| 528 | 22 | 54 |
| 542 | 6 | 30 |
| 605 | 9 | 36 |
| 651 | 25 | 57 |
| 766 | 21 | 53 |
| 912 | 39 | 68 |
| 945 | 22 | 54 |
| 950 | 15 | 46 |
| 957 | 36 | 66 |
| 967 | 28 | 60 |
| 982 | 10 | 37 |
| 986 | 9 | 36 |