

RAY

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	22	54
398	22	54
447	11	39
514	24	56
528	22	54
542	6	29
605	9	37
651	25	58
766	20	52
912	36	67
945	20	52
950	17	48
957	37	67
967	27	59
982	9	37
986	9	37