

CAMBRIDGE

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

COLOR	L-value	ρ %
181	51	19
213	54	22
224	49	17
303	46	15
307	33	8
314	33	7
316	27	5
322	45	15
346	20	3
386	54	22
463	31	7
482	33	8
504	29	6
506	39	11
511	33	8
553	20	3
569	38	10
579	36	9

COLOR	L-value	ρ %
592	18	3
595	31	7
601	44	14
613	34	8
616	24	4
662	48	17
684	32	7
817	51	20
822	29	6
823	40	11
827	36	9
830	32	7
907	25	5
915	41	12
963	26	5
965	21	3
994	38	10

XTRA CAMBRIDGE		
COLOR	L-value	ρ %
21F	51	19
25F	45	15
30F	30	6
41F	23	4
45F	20	3
50F	29	6
55F	28	6
60F	48	17
65F	38	10

WHITE&BLACK		
COLOR	L-value	ρ %
039	77	52
991	14	2