

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

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

LIGHT REFLECTANCE VALUE

Valid from 01/09/2014

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

WHITE&BLACK		
COLOR	LRV	L
039	52	77
991	2	14