

Light reflectance value.

Highline 750 page 2 – 3

Reform Maze page 4 – 6

Herning, 29.07.2019

ege testcertificate

Subject:	Light Reflectance
Reference No.:	1316
Reference:	Highline 750
Description of sample:	Tuftet carpet, cut pile Colour palettes 5500 Colour Scale 1-12 5520 Colour Scale 1-12 5575 Colour Scale 1-12 5595 Colour Scale 1-12
Testing atmosphere	Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles EN ISO 139:2005 of 65 ± 4 % R.H. and 20 ± 2 °C.

Background

LRV is an instrumental measurement made using a spectrophotometer.

It is equivalent to CIE Y and is the proportion of visible light reflected by a surface, weighted for the sensitivity to light of the human eye.

LRV is expressed on a scale of 0-100 where absolute white has a value of 100 and absolute black has a value of 0. In practice white may be about 85 and black about 6.

For people with adequate vision, difference in hue or chroma (colour intensity), provide sufficient visual contrast. But for people who are visually impaired the main feature of a surface which determines the ability to identify differences in colour is the amount of light the surface reflects, or it's LRV.

Test procedure

The light reflectance value for the sample was determined using a Chroma Meter reflectance spectrophotometer with a large area CR-410 measuring head.

The sample was subjected to measurements and viewed at 0° with illuminant C. The light reflectance was determined using CIE Y, according to BS 8493:2008.

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egetæpper a/s
Industrivej Nord 25
Postbox 190
DK-7400 Herning

Tel: +45 97 11 88 11
Fax: +45 97 11 95 80

ege@ege.dk
www.egecarpet.com

CVR 38 45 42 18

Test results CIE Y :

Colour no.	Colour palette 5500	Colour no.	Colour palette 5520	Colour no.	Colour palette 5575	Colour no.	Colour palette 5595
gb1 - K40501	13,41	gb1 - A20041	56,43	gb1 - K28328	40,83	gb1 - K28601	24,86
gb2 - K40502	2,28	gb2 - A20042	30,13	gb2 - K28329	25,38	gb2 - K28602	12,77
gb3 - K40503	9,95	gb3 - A20043	13,73	gb3 - K28378	15,24	gb3 - K28603	5,34
gb4 - K40504	38,50	gb4 - K20044	8,05	gb4 - K28374	5,77	gb4 - K20012	2,20
gb5 - K40505	3,09	gb5 - K20045	4,00	gb5 - K28366	2,87	gb5 - H28605	2,30
gb6 - K40506	3,58	gb6 - K20046	10,04	gb6 - K28364	4,94	gb6 - K28606	3,60
gb7 - K40507	2,99	gb7 - K20047	4,34	gb7 - K28380	16,80	gb7 - K28607	3,88
gb8 - K40508	10,00	gb8 - K20048	15,52	gb8 - K28379	22,79	gb8 - K28608	12,07
gb9 - K40509	4,48	gb9 - K20049	5,10	gb9 - K27886	17,31	gb9 - K28609	18,06
gb10 - K40510	12,05	gb10 - K20050	5,42	gb10 - K28360	18,23	gb10 - K28610	7,76
gb11 - K40511	4,60	gb11 - K20051	2,97	gb11 - K28367	6,42	gb11 - H28611	3,38
gb12 - K40512	16,06	gb12 - K20012	2,19	gb12 - K28368	2,67	gb12 - H28632	2,71


The information contained on page no 1-2 of this certificate is hereby certified to be correct statement of the tests and investigations carried out by ege testlaboratory on the material referred to.

Signed by



Dorthe Daa Pedersen
Laboratory Technician

Reported By



Henrik Schmidt Hansen
Group CSR Director

Herning 06.10.2022

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Subject:	Light Reflectance
Reference No.:	1959
Reference:	Reform Maze
Description of sample:	Standard colors
Testing atmosphere	Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles EN ISO 139:2005 of 65 ± 4 % R.H. and 20 ± 2 °C.

Background

LRV is an instrumental measurement made using a spectrophotometer.

It is equivalent to CIE Y and is the proportion of visible light reflected by a surface, weighted for the sensitivity to light of the human eye.

LRV is expressed on a scale of 0-100 where absolute white has a value of 100 and absolute black has a value of 0. In practice white may be about 85 and black about 6.

For people with adequate vision, difference in hue or chroma (colour intensity), provide sufficient visual contrast. But for people who are visually impaired the main feature of a surface which determines the ability to identify differences in colour is the amount of light the surface reflects, or it's LRV.

Test procedure

The light reflectance value for the sample was determined using a Chroma Meter reflectance spectrophotometer with a large area CR-410 measuring head.

The sample was subjected to measurements and viewed at 0° with illuminant C. The light reflectance was determined using CIE Y, according to BS 8493:2008.

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Test results CIE Y :

Reform Maze Broadloom

Color ref	Result	Color ref	Result
0922150	7,54	0922650	15,83
0922170	5,67	0922710	22,94
0922220	26,22	0922720	21,75
0922240	14,33	0922725	17,50
0922320	9,64	0922730	14,92
0922350	5,42	0922735	16,21
0922420	9,58	0922740	15,36
0922450	5,78	0922745	12,61
0922510	21,76	0922750	11,70
0922520	7,06	0922760	6,62
0922530	13,65	0922780	6,60
0922540	11,32	0922850	6,71
0922550	6,27	0922870	6,00
0922580	3,87		

Reform Maze Tiles

Color ref	Result	Color ref	Result
092215048	7,54	092265048	15,83
092217048	5,67	092271048	22,94
092222048	26,22	092272048	21,75
092224048	14,33	092272548	17,50
092232048	9,64	092273048	14,92
092235048	5,42	092273548	16,21
092242048	9,58	092274048	15,36
092245048	5,78	092274548	12,61
092251048	21,76	092275048	11,70
092252048	7,06	092276048	6,62
092253048	13,65	092278048	6,60
092254048	11,32	092285048	6,71
092255048	6,27	092287048	6,00
092258048	3,87		

The information contained on page no 1 & 2 of this certificate is hereby certified to be correct statement of the tests and investigations carried out by ege test laboratory on the material referred to.

Signed by

Reported By



Dorthe Daa Pedersen



Laboratory Technician



Henrik Schmidt Hansen
QUALITY & ENVIRONMENTAL
DIRECTOR