Vanceva®
Colour System
by Saflex®
A multitude of distinctive possibilities

Photo strip from left to right:

Palais de Congrès – Montreal
ARCHITECT: Tétreault, Parent, Languedoc et associés, Saia et Barbese, Ædifica

Woermann Tower
ARCHITECTS: Ábalos & Herreros, Casariega / Guerra

The Child Amusement Centre "La Casa de Mamá"
ARCHITECTS: Ábalos & Herreros, Casariega / Guerra

Sundial Bridge
ARCHITECT: Santiago Calatrava, Zurich, Switzerland

Maestro Nicolau
ARCHITECTS: b720 – Fermín Vázquez

Vanceva® colour interlayers by Saflex® can be combined to give thousands of transparent or translucent glass options. This selector tool illustrates a sampling of the thousands of colour effects that can be achieved when using the Vanceva colour interlayer system.

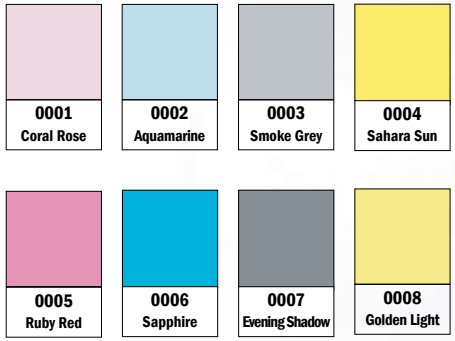
The Vanceva colour interlayer system enables design professionals to specify a wide range of colours in unlimited **internal** and **external** applications to achieve performance and design goals. Vanceva colour interlayers have all the key benefits and performance attributes of Saflex clear interlayers delivering the ultimate in functionality and aesthetic design.

More colours can be found on our website at:
www.saflex.com/vancevacolours

Saflex

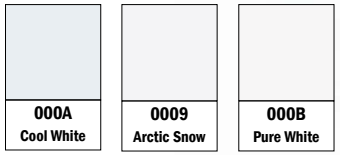
FOUNDATION COLOURS

The foundation palette consists of 8 basic colours available in two light transmission levels of red, yellow, blue and grey. These interlayer colours can be layered in various combinations to produce more than 1,000 transparent colour options.



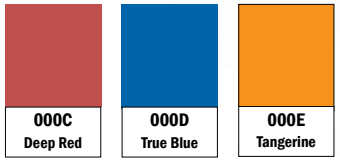
TRANSLUCENT WHITE COLOURS

Varying levels of white allow for a range of translucent effects: high light transmission simulated acid-etch to low light transmission opaque. The flexibility of the white interlayers allows for a variety of translucent options when combined with colour interlayers from the foundation or specialty selections.



SPECIALTY COLOURS

Very concentrated coloured pigments in a single interlayer are now enough to add brilliant hues to laminated glass. Deep Red, True Blue and Tangerine can be combined with varying levels of white or foundation palette colours to achieve even more distinctive looks!



CREATE ONLINE

The Vanceva virtual design studio encourages you to try out the unlimited colour combinations the Vanceva colour interlayer system offers. Access to the studio is easy. Simply fill out a short registration form and begin creating stunning configurations from a vast range of colours. Then order your sample creations online to carry out lighting tests, to share with customers, and to view and compare for fit with other project materials.

Visit www.saflex.com/vancevacolours to:

- View all the colour possibilities
- Order samples and have them shipped directly to you
- See what the sample colour looks like in hand before specifying for your project
- Match your Pantone or RAL colours to the Vanceva colour combination equivalent.

In addition to the most up-to-date information about Vanceva products, the Vanceva studio can provide you with additional technical and new project assistance, approved Vanceva fabricator contact information, links to other useful sites, and, of course, an endless range of colour possibilities !

VANCEVA INTERLAYERS AND COLOUR TECHNOLOGY

Both spectrophotometer and visual colour matching are used to determine the best Vanceva colour configuration for your project. Universal references like Pantone and RAL colour can be used to request a Vanceva colour match.

To learn more about these products please contact the Saflex Architectural Glazing Solutions Centre via email at films-archi@solutia.com.
To order samples or to receive technical assistance please visit www.saflex.com/vancevacolours.

In the few next pages, you can discover about 300 of the thousands of possibilities the Vanceva colour system offers you. For example, by layering the Aquamarine (0002) and the Sahara Sun (0004) colours you obtain a new green colour (0024):

	LIGHT (EN410)				SOLAR (EN410)			
Colour name	Code	T_v	R_v	A_v	T_s	R_s	A_s	SF
Coral Rose	0001	78,0	7,6	14,4	72,6	7,2	20,2	77,8
Aquamarine	0002	77,6	7,6	14,8	70,2	7,1	22,7	76,0
Smoke Grey	0003	78,8	5,6	15,6	68,9	5,1	26,0	75,6
Sahara Sun	0004	78,1	9,6	12,3	61,8	7,6	30,6	69,7
Ruby Red	0005	50,0	6,0	44,0	63,0	7,0	30,0	71,0
Sapphire	0006	51,3	6,4	42,3	56,4	6,7	36,9	66,0
Evening Shadow	0007	50,0	7,0	43,0	49,0	6,0	45,0	61,0
Golden Light	0008	86,0	9,0	5,0	70,0	7,0	23,0	76,0
Artic Snow	0009	64,3	15,3	20,4	57,5	12,0	30,5	65,3
Cool White	000A	79,0	10,0	11,0	70,0	9,0	21,0	75,0
Pure White	000B	6,9	62,1	31,0	7,4	47,6	45,0	19,0
Deep Red	000C	15,0	6,0	79,0	33,0	6,0	61,0	49,0
True Blue	000D	14,0	5,0	81,0	39,0	6,0	55,0	53,0
Tangerine	000E	42,4	7,6	50,0	51,7	7,0	41,3	62,3

Tv: Visible Light Transmission, the percentage of visible light (380-780nm) that is transmitted through a glass type.

Rv: Visible Light Reflection, the percentage of visible light (380-780nm) that is reflected from the glass surface(s).

Av: Visible Light Absorption, the percentage of visible light (380-780nm) that is absorbed by a glass.

Ts: Solar Energy Transmission, the percentage of ultraviolet, visible, and infrared energy (300-2500nm) that is directly transmitted through a glass type.

Rs: Solar Energy Reflection, the percentage of solar energy that is reflected from the glass surface(s). (300 – 2500nm).

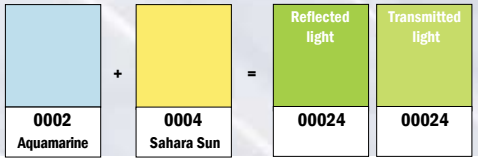
As: Solar Energy Absorption, the percentage of solar energy that is absorbed by the glass (300 – 2500nm). One part will be transmitted by the glass and the other part will be rejected outside.

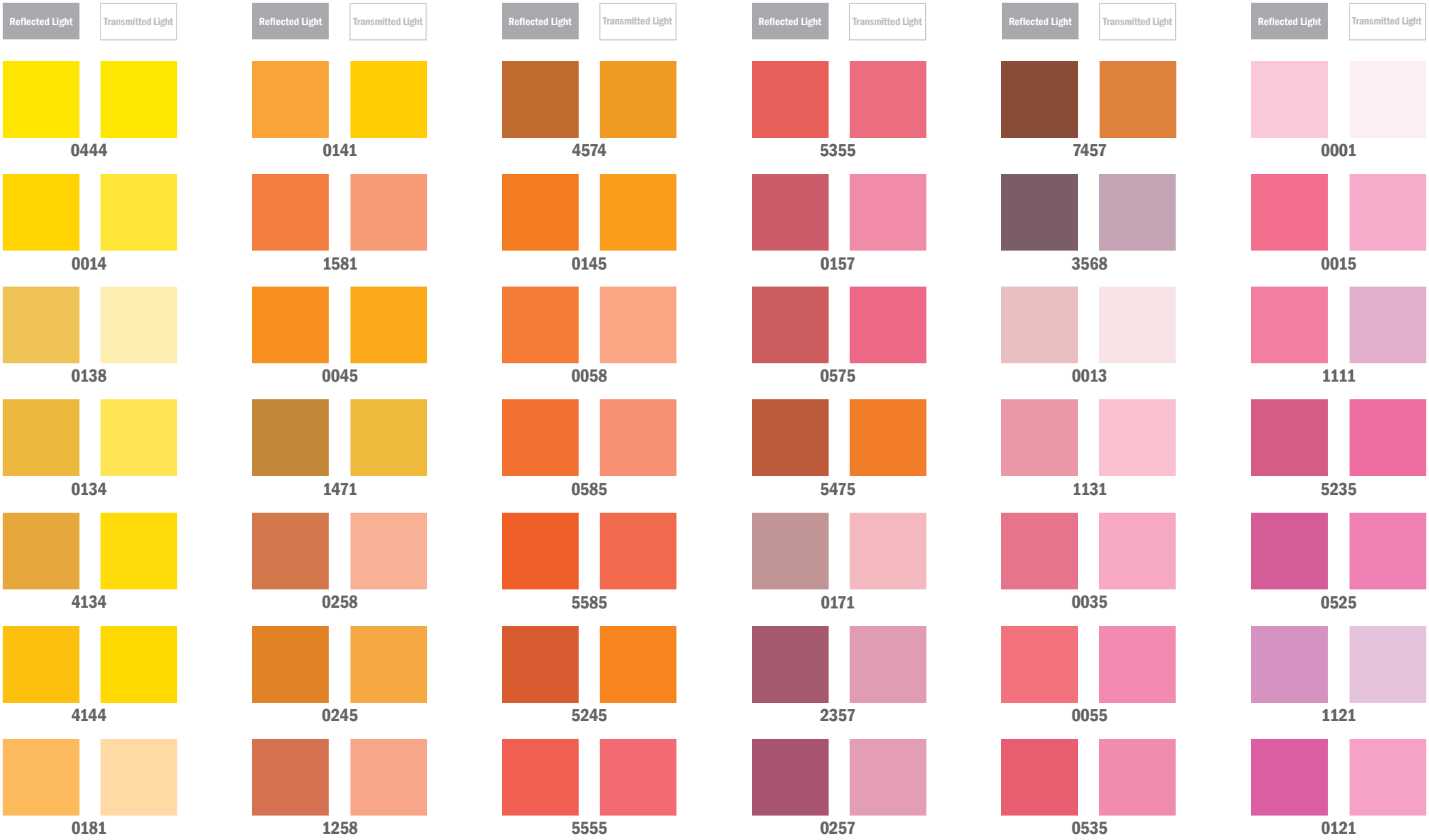
SF: Solar Factor or Solar Heat Gain Coefficient (SHGC) or "g-factor", the percentage of directly transmitted and absorbed solar energy that enters into the building's interior. The lower the number is, the better the glass is able to exclude solar radiation.

Measurements were done according to Norm EN 410. Glass samples of 3 mm.

These data are to our best knowledge true and accurate but are given without guarantee. Since the conditions of use are for beyond their control, Solutia Company and its subsidiaries disclaim any liabilty for loss or damage suffered from use of these data.

Furthermore no liability is accepted if use of any product in accordance with these data or suggestions infringes any patent.





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UV LIGHT AND SOLAR DATA SUMMARY

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
0444	65,2	12,1	22,7	55,1	8,4	36,5	64,5
0014	68,2	8,8	23,0	58,4	7,5	34,1	67,2
0138	65,5	7,6	26,9	57,7	6,9	35,4	66,9
0134	60,4	7,6	32,0	52,8	6,7	40,5	63,3
4134	55,5	8,9	35,6	51,0	7,0	42,0	61,8
4144	58,2	10,5	31,3	53,3	7,7	39,0	63,4
0181	65,7	7,9	26,4	61,0	7,3	31,7	69,1
0141	61,0	8,6	30,4	56,1	7,5	36,4	65,5
1581	41,7	6,9	51,4	54,2	8,1	37,7	64,0
0045	43,8	8,3	47,9	52,4	7,5	40,1	62,7
1471	34,7	7,1	58,2	37,1	6,3	56,6	51,7
0258	38,3	6,3	55,4	50,7	6,8	42,5	61,7
0245	35,5	7,1	57,4	47,2	6,7	46,1	59,1
1258	35,6	5,9	58,5	48,0	6,2	45,8	59,8
4574	23,8	7,4	68,8	34,1	6,4	59,5	49,5
0145	41,5	7,3	51,2	51,5	6,8	41,7	62,3
0058	47,7	6,8	45,5	56,8	6,9	36,3	66,2
0585	35,5	6,8	57,7	52,3	7,1	40,6	62,8
5585	29,7	6,7	63,6	49,3	6,9	43,8	60,6
5245	26,6	6,3	68,1	43,7	6,6	49,7	56,6
5555	27,4	6,6	66,0	50,4	7,0	42,6	61,4

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
5355	26,8	6,2	67,0	47,2	6,5	46,3	59,1
0157	26,5	5,8	67,7	39,0	5,8	55,2	53,3
0575	20,7	5,7	73,6	36,5	5,9	57,6	51,4
5475	19,2	6,1	74,7	33,0	6,0	61,0	48,7
0171	38,9	5,9	55,2	42,9	5,9	51,2	56,1
2357	20,5	5,4	74,1	32,9	5,6	61,5	48,8
0257	23,2	5,6	71,2	36,4	5,8	57,8	51,3
7457	15,2	5,7	79,1	24,4	5,4	70,2	42,6
3568	18,0	5,5	76,5	35,8	6,1	58,1	50,8
0013	68,8	7,6	23,6	64,5	7,1	28,4	71,9
1131	54,8	7,0	38,2	58,3	6,9	34,8	67,3
0035	43,4	6,6	50,0	55,9	6,9	37,2	65,5
0055	36,4	6,3	57,3	56,5	6,7	36,8	66,0
0535	32,4	6,0	61,6	51,5	6,3	42,2	62,4
0001	78,0	7,6	14,4	72,6	7,2	20,2	77,8
0015	45,8	6,7	47,5	60,3	7,0	32,7	68,8
1111	56,4	7,1	36,5	63,2	7,1	29,7	70,9
5235	25,6	5,6	68,8	45,9	6,1	48,0	58,2
0525	29,2	6,1	64,7	51,6	6,7	41,7	62,4
1121	51,8	6,8	41,4	58,6	7,0	34,4	67,5
0121	58,8	7,0	34,2	61,8	7,1	31,1	69,8

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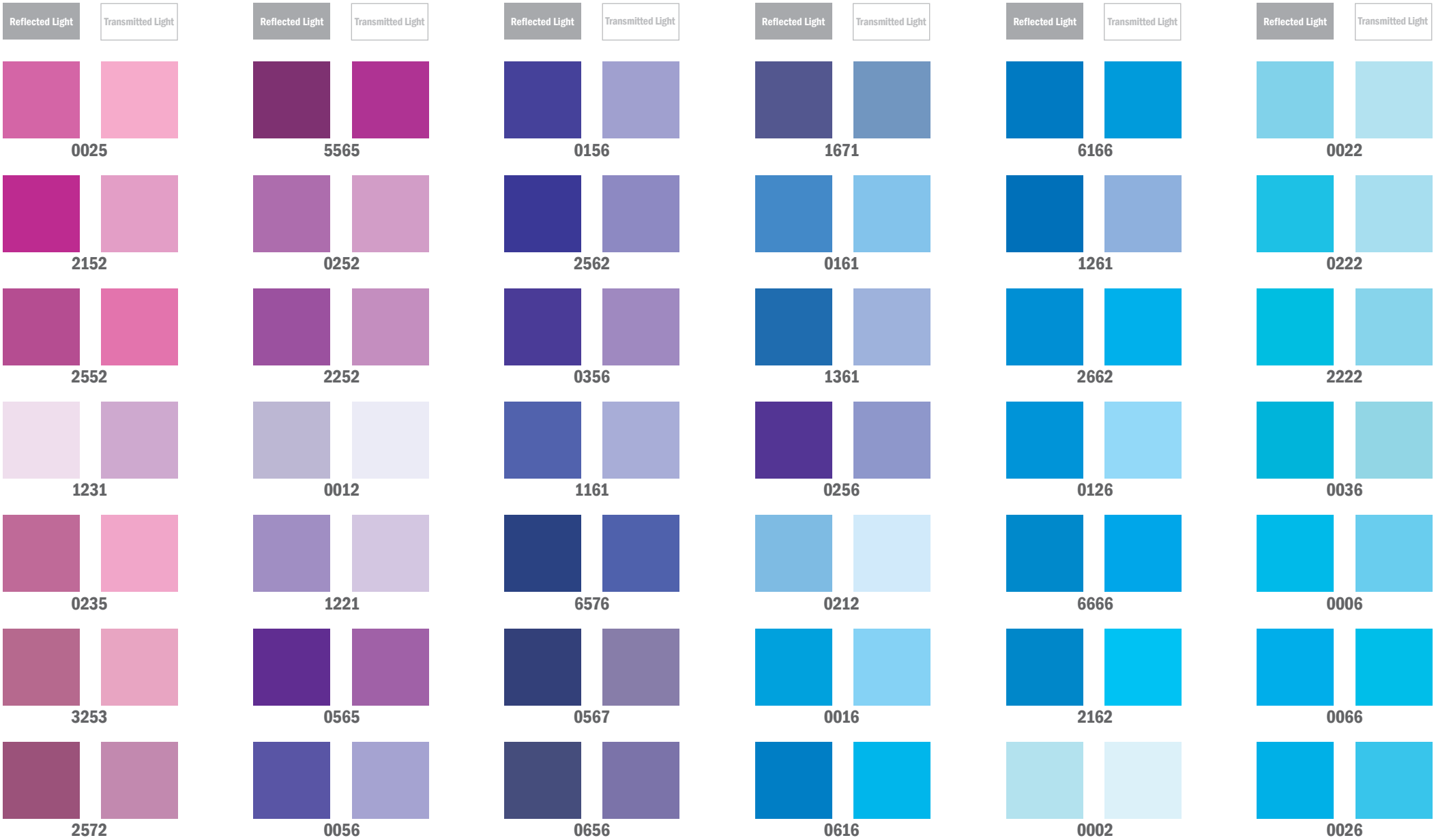

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UV LIGHT AND SOLAR DATA SUMMARY

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
0025	39,9	5,9	54,2	56,3	6,6	37,1	65,8
2152	30,0	5,9	64,1	49,3	6,6	44,1	60,7
2552	22,1	5,4	72,5	46,1	6,2	47,7	58,4
1231	51,7	6,5	41,8	56,1	6,6	37,3	65,7
0235	35,4	5,6	59,0	50,0	6,1	43,9	61,3
3253	30,8	5,9	63,3	45,1	6,2	48,7	57,7
2572	19,3	5,4	75,3	33,8	5,7	60,5	49,4
5565	8,6	5,6	85,8	37,4	6,4	56,2	51,9
0252	33,4	5,6	61,0	50,8	6,3	42,9	61,9
2252	27,7	5,3	67,0	47,4	6,2	46,4	59,4
0012	66,7	7,5	25,8	65,3	7,3	27,4	72,4
1221	50,9	6,4	42,7	56,9	6,6	36,5	66,3
0565	11,6	5,2	83,2	39,4	6,1	54,5	53,5
0056	21,5	5,2	73,3	44,2	6,2	49,6	57,0
0156	19,3	5,6	75,1	42,6	6,4	51,0	55,8
2562	16,7	5,1	78,2	40,2	6,0	53,8	54,1
0356	18,6	5,1	76,3	39,4	5,9	54,7	53,5
1161	29,7	5,5	64,8	46,5	6,2	47,3	58,7
6576	6,2	5,3	88,5	25,0	5,8	69,2	42,9
0567	11,0	5,5	83,5	28,7	5,9	65,4	45,6
0656	10,9	5,0	84,1	37,1	6,2	56,7	51,7

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
1671	20,3	5,5	74,2	31,7	5,9	62,4	47,8
0161	34,8	5,9	59,3	48,8	6,6	44,6	60,3
1361	32,3	5,4	62,3	44,2	6,0	49,8	57,0
0256	17,8	5,5	76,7	41,6	6,5	51,9	55,0
0212	58,4	6,4	35,2	60,0	6,5	33,5	68,6
0016	41,8	5,9	52,3	52,0	6,5	41,5	62,7
0616	28,5	6,0	65,5	44,1	6,9	49,0	56,8
6166	22,6	5,8	71,6	40,3	6,9	52,8	54,0
1261	31,9	5,8	62,3	46,4	6,5	47,1	58,6
2662	33,4	5,7	60,9	44,7	6,5	48,8	57,3
0126	38,6	6,3	55,1	49,8	6,8	43,4	61,0
6666	24,6	5,8	69,6	40,4	6,9	52,7	54,0
2162	35,8	5,8	58,4	47,5	6,5	46,0	59,4
0002	77,6	7,6	14,8	70,2	7,1	22,7	76,0
0022	68,6	7,5	23,9	64,1	7,2	28,7	71,5
0222	61,1	6,9	32,0	59,7	6,8	33,5	68,3
2222	55,4	7,0	37,6	56,0	7,0	37,0	65,5
0036	44,6	6,0	49,4	50,0	6,3	43,7	61,2
0006	51,3	6,4	42,3	56,4	6,7	36,9	66,0
0066	36,6	6,0	57,4	48,0	6,8	45,2	59,7
0026	47,1	6,3	46,6	53,4	6,7	39,9	63,7

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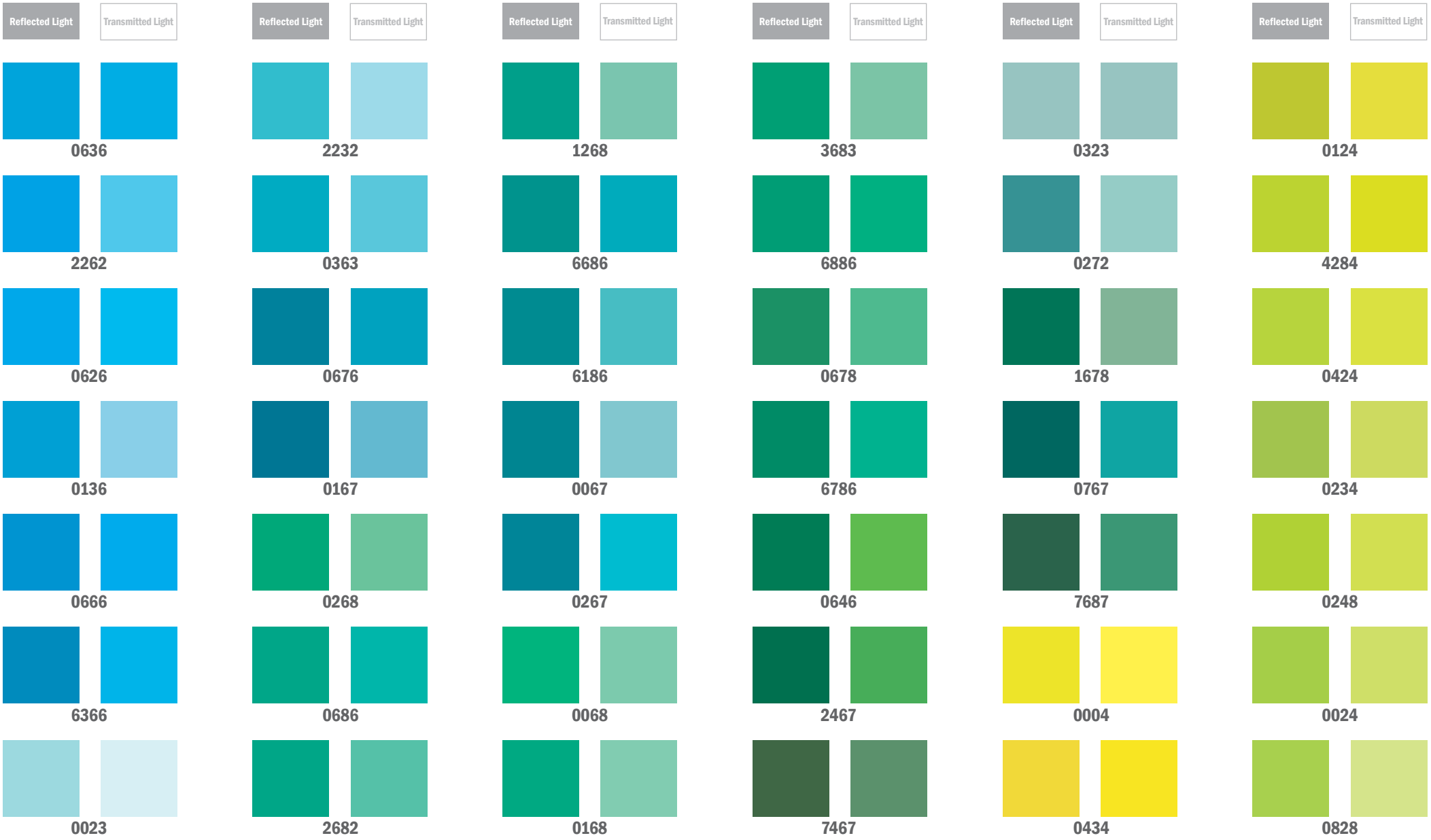

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UV LIGHT AND SOLAR DATA SUMMARY

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CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
0636	31,8	5,6	62,6	42,5	6,2	51,3	55,8
2262	41,1	6,2	52,7	48,9	6,7	44,4	60,3
0626	34,3	6,2	59,5	46,1	6,9	47,0	58,2
0136	38,1	6,1	55,8	46,6	6,5	46,9	58,7
0666	28,8	6,0	65,2	43,0	6,9	50,1	55,9
6366	25,1	5,3	69,6	38,6	6,1	55,3	52,8
0023	68,4	6,8	24,8	61,9	6,5	31,6	70,1
2232	53,2	6,5	40,3	52,8	6,5	40,7	63,3
0363	39,9	6,1	54,0	45,1	6,3	48,6	57,6
0676	20,4	5,4	74,2	30,9	5,8	63,3	47,2
0167	23,8	5,2	71,0	33,8	5,5	60,7	49,4
0268	44,6	6,2	49,2	48,1	6,4	45,5	59,9
0686	34,1	5,8	60,1	42,1	6,3	51,6	55,4
2682	40,9	6,5	52,6	45,0	6,7	48,3	57,4
1268	36,6	6,2	57,2	43,7	6,6	49,7	56,5
6686	27,7	6,0	66,3	38,3	6,7	55,0	52,5
6186	28,6	6,0	65,4	39,4	6,6	54,0	53,4
0067	28,8	5,7	65,5	35,6	6,0	58,4	50,7
0267	25,7	5,6	68,7	33,6	6,0	60,4	49,2
0068	49,5	6,8	43,7	49,3	6,8	43,9	60,7
0168	40,0	6,0	54,0	46,0	6,4	47,6	58,2

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
3683	38,6	6,2	55,2	40,1	6,2	53,7	54,0
6886	32,9	6,5	60,6	38,8	6,7	54,5	52,9
0678	27,5	5,3	67,2	32,2	5,6	62,2	48,2
6786	19,0	5,5	75,5	27,7	5,9	66,4	44,9
0646	29,4	6,5	64,1	36,9	6,6	56,5	51,4
2467	22,3	6,8	70,9	27,9	6,2	65,9	44,9
7467	13,7	5,0	81,3	20,4	5,0	74,6	39,7
0323	58,2	6,8	35,0	53,9	6,5	39,6	64,1
0272	38,9	5,6	55,5	40,7	5,7	53,6	54,5
1678	21,9	3,9	74,2	30,1	4,2	65,7	47,0
0767	15,6	5,2	79,2	23,2	5,3	71,5	41,6
7687	15,2	4,9	79,9	21,7	4,9	73,4	40,7
0004	78,1	9,6	12,3	61,8	7,6	30,6	69,7
0434	62,6	9,5	27,9	52,3	7,3	40,4	62,7
0124	58,2	8,0	33,8	52,6	7,1	40,3	63,0
4284	60,0	10,0	30,0	51,0	7,6	41,4	61,7
0424	61,0	9,5	29,5	52,2	7,2	40,6	62,7
0234	59,5	5,8	34,7	50,3	5,0	44,7	61,9
0248	66,5	8,4	25,1	54,5	6,9	38,6	64,5
0024	68,3	8,3	23,4	56,0	6,9	37,1	65,6
0828	72,1	7,8	20,1	58,2	6,7	35,1	67,3

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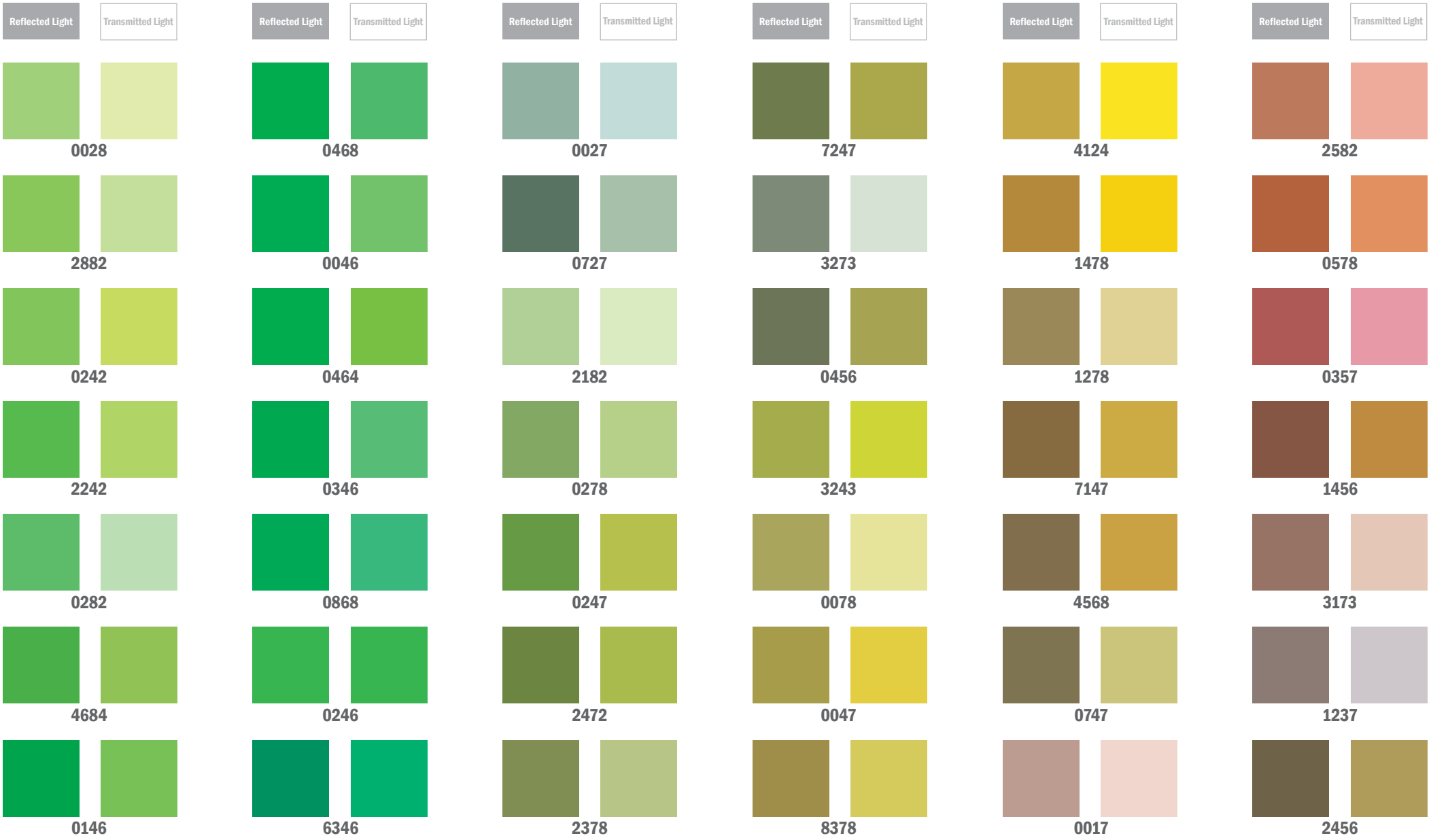

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UV LIGHT AND SOLAR DATA SUMMARY

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
0028	74,8	8,1	17,1	62,1	7,2	30,7	70,0
2882	63,3	7,7	29,0	53,3	6,9	39,8	63,6
0242	59,9	8,5	31,6	51,2	7,2	41,6	61,9
2242	53,4	7,5	39,1	47,5	6,6	45,9	59,3
0282	66,0	7,6	26,4	57,1	6,9	36,0	66,4
4684	36,6	8,4	55,0	39,5	7,1	53,4	53,3
0146	36,6	6,8	56,6	41,3	6,4	52,3	54,8
0468	42,3	7,9	49,8	42,3	6,9	50,8	55,4
0246	38,8	7,3	53,9	41,1	6,6	52,3	54,6
0464	37,4	8,3	54,3	40,4	7,1	52,5	53,9
0346	37,0	7,1	55,9	38,9	6,5	54,6	52,9
0868	47,4	6,9	45,7	45,8	6,7	47,5	58,1
0246	38,8	7,3	53,9	41,1	6,6	52,3	54,6
6346	25,4	6,3	68,3	33,2	6,4	60,4	48,8
0027	44,2	6,1	49,7	44,1	6,0	49,9	57,0
0727	25,3	5,0	69,7	28,6	5,0	66,4	45,7
2182	56,4	6,7	36,9	53,7	6,4	39,9	64,0
0278	43,0	5,9	51,1	40,5	5,8	53,7	54,4
0247	38,2	7,1	54,7	36,7	6,2	57,1	51,5
2472	33,6	6,6	59,8	33,8	5,8	60,4	49,4
2378	37,5	5,9	56,6	36,3	5,8	57,9	51,2

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
7247	22,1	5,3	72,6	25,0	5,1	69,9	43,0
3273	34,6	5,2	60,2	35,7	5,2	59,1	50,9
0456	18,5	6,8	74,7	36,7	6,4	56,9	51,3
3243	53,2	7,2	39,6	45,8	6,2	48,0	58,2
0078	48,7	6,2	45,1	44,2	5,9	49,9	57,0
0047	44,6	7,2	48,2	40,8	6,0	53,2	54,5
8378	41,9	6,3	51,8	37,9	5,8	56,3	52,4
4124	53,4	9,2	37,4	49,8	7,5	42,7	60,8
1478	38,5	6,7	54,8	38,0	5,9	56,1	52,4
1278	36,8	5,8	57,4	38,2	5,7	56,1	52,7
7147	22,3	5,7	72,0	26,2	5,4	68,4	43,9
4568	17,6	6,8	75,6	35,6	6,4	58,0	50,6
0747	25,2	5,8	69,0	26,9	5,4	67,7	44,3
0017	44,3	5,4	50,3	45,5	5,4	49,1	58,2
2582	31,7	6,0	62,3	46,3	6,5	47,2	58,5
0578	27,5	5,8	66,7	37,4	5,9	56,7	52,1
0357	25,0	5,6	69,4	36,2	5,7	58,1	51,2
1456	16,0	6,4	77,6	36,0	6,4	57,6	50,8
3173	34,6	5,3	60,1	37,1	5,3	57,6	52,0
1237	33,4	5,4	61,2	37,7	5,4	56,9	52,4
2456	14,6	6,8	78,6	34,8	6,7	58,5	49,9

T_v: Visible Light Transmission, the percentage of visible light (380-780 nm) that is transmitted through a glass type.

R_v: Visible Light Reflection, the percentage of visible light (380-780 nm) that is reflected from the glass surface(s).

A_v: Visible Light Absorption, the percentage of visible light (380-780 nm) that is absorbed by a glass.

T_s: Solar Energy Transmission, the percentage of ultraviolet, visible, and infrared energy (300-2500 nm) that is directly transmitted through a glass type.

R_s: Solar Energy Reflection, the percentage of solar energy that is reflected from the glass surface(s). (300 – 2500 nm).

A_s: Solar Energy Absorption, the percentage of solar energy that is absorbed by the glass (300 – 2500 nm). One part will be transmitted by the glass and the other part will be rejected outside.

SF: Solar Factor or Solar Heat Gain Coefficient (SHGC) or "g-factor", the percentage of directly transmitted and absorbed solar energy that enters into the building's interior. The lower the number is, the better the glass is able to exclude solar radiation.

Measurements were done according to Norm EN 410. Glass samples of 3 mm.

TRANSLUCENT COLOURS - solar properties data on reverse.

Reflected Light | Transmitted Light

5685

0777

7137

7577

2568

1568

Reflected Light | Transmitted Light

0127

0568

7777

7567

2172

Reflected Light | Transmitted Light

0003

0333

0373

4567

0737

Reflected Light | Transmitted Light

0189

0149

1491

1891

4594

1459

1589

Reflected Light | Transmitted Light

0589

3459

3589

5895

5595

0595

1191

Reflected Light | Transmitted Light

0019

1391

1359

0159

5395

0139

3593

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UV LIGHT AND SOLAR DATA SUMMARY

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
5685	11,2	5,5	83,3	35,7	6,4	57,9	50,6
0777	16,2	5,2	78,6	20,2	5,1	74,7	39,5
7137	15,0	5,3	79,7	23,8	5,3	70,9	42,1
7577	8,6	3,9	87,5	16,6	3,9	79,5	37,1
2568	16,7	3,9	79,4	37,6	4,5	57,9	52,5
1568	17,0	4,0	79,0	38,1	4,5	57,4	52,9
0127	38,0	5,9	56,1	41,4	5,9	52,7	55,0
0568	20,4	5,7	73,9	39,7	6,4	53,9	53,6
7777	8,8	3,5	87,7	13,2	3,5	83,3	34,7
7567	6,7	3,6	89,7	19,8	3,8	76,4	39,5
2172	33,1	4,0	62,9	38,5	4,1	57,4	53,3
0003	78,8	5,6	15,6	68,9	5,1	26,0	75,6
0333	59,6	6,3	34,1	53,4	5,9	40,7	63,9
0373	32,1	4,1	63,8	31,8	4,0	64,2	48,4
4567	9,6	7,1	83,3	25,1	6,3	68,6	42,8
0737	24,9	5,3	69,8	27,6	5,2	67,2	44,9

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
0189	53,7	12,0	34,3	48,5	9,5	42,0	59,4
0149	49,4	12,9	37,7	44,5	9,9	45,6	56,3
1491	43,7	12,0	44,3	42,6	9,6	47,8	55,0
1891	47,0	11,1	41,9	46,1	9,2	44,7	57,6
4594	30,4	10,6	59,0	39,1	9,3	51,6	52,4
1459	32,2	8,7	59,1	41,9	8,6	49,5	54,7
1589	32,7	8,5	58,8	42,4	8,5	49,1	55,1
0589	34,2	8,8	57,0	42,9	8,8	48,3	55,4
3459	28,3	9,1	62,6	37,7	8,4	53,9	51,6
3589	28,7	8,0	63,3	36,8	7,9	55,3	51,1
5895	25,5	8,1	66,4	39,9	8,3	51,8	53,3
5595	22,2	8,1	69,7	40,1	8,8	51,1	53,3
0595	25,8	8,6	65,6	42,2	9,1	48,7	54,8
1191	44,0	10,2	45,8	48,5	9,6	41,9	59,3
0019	55,2	12,5	32,3	53,4	10,8	35,8	62,6
1391	43,5	9,3	47,2	45,8	8,5	45,7	57,6
1359	29,0	8,0	63,0	40,5	8,3	51,2	53,7
0159	33,2	8,5	58,3	45,6	8,9	45,5	57,4
5395	23,2	7,4	69,4	38,6	7,9	53,5	52,4
0139	48,8	10,1	41,1	47,8	9,0	43,2	59,0
3593	27,2	7,5	65,3	37,4	7,9	54,7	51,5

T_v: Visible Light Transmission, the percentage of visible light (380-780 nm) that is transmitted through a glass type.

R_v: Visible Light Reflection, the percentage of visible light (380-780 nm) that is reflected from the glass surface(s).

A_v: Visible Light Absorption, the percentage of visible light (380-780 nm) that is absorbed by a glass.

T_s: Solar Energy Transmission, the percentage of ultraviolet, visible, and infrared energy (300-2500 nm) that is directly transmitted through a glass type.

R_s: Solar Energy Reflection, the percentage of solar energy that is reflected from the glass surface(s). (300 – 2500 nm).

A_s: Solar Energy Absorption, the percentage of solar energy that is absorbed by the glass (300 – 2500 nm). One part will be transmitted by the glass and the other part will be rejected outside.

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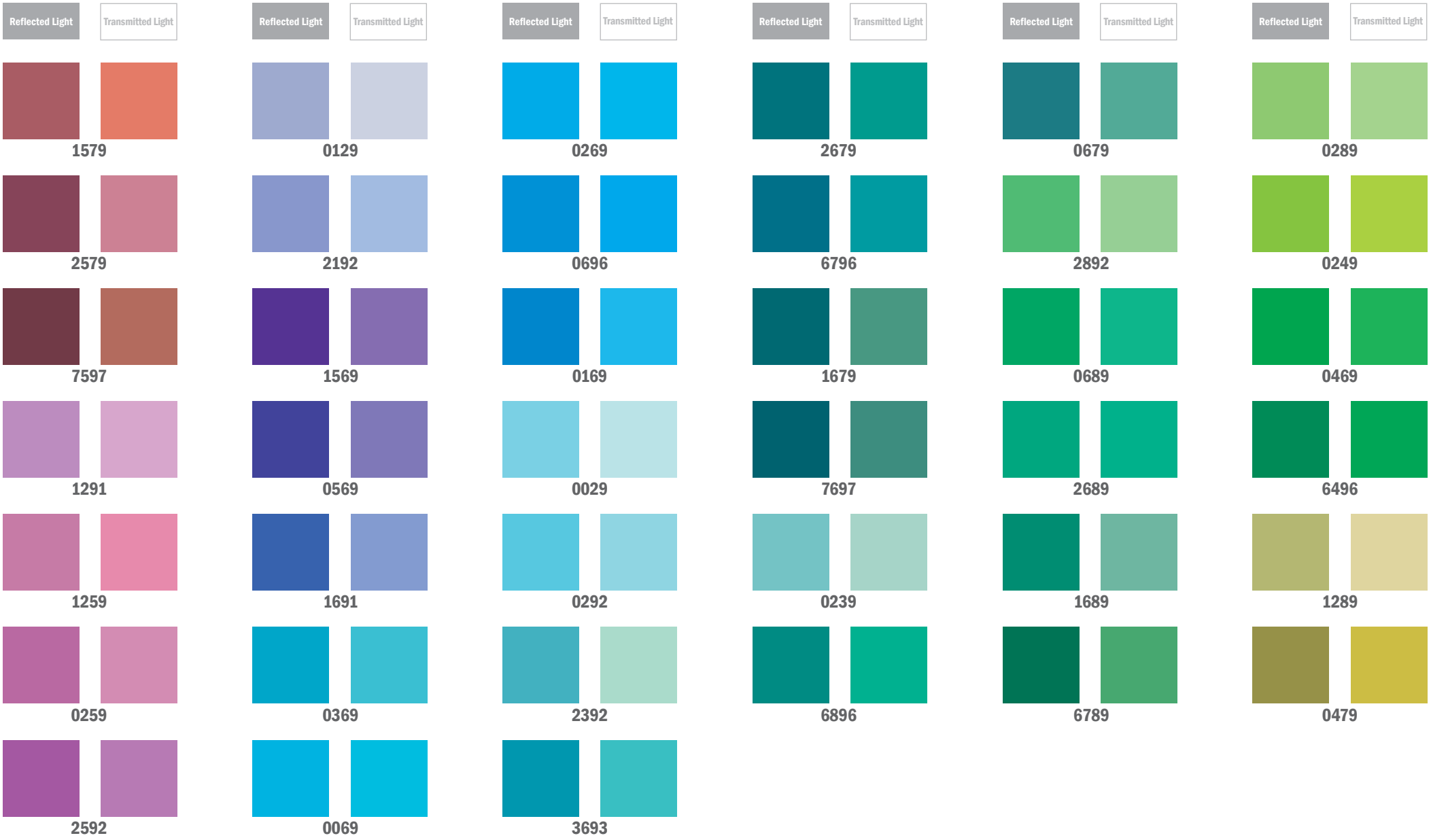
Measurements were done according to Norm EN 410. Glass samples of 3 mm.


Reflected Light
Transmitted Light
1579
0129
0269
2679
0679
0289
2579
2192
0696
6796
2892
0249
7597
1569
0169
1679
0689
0469
1291
0569
0029
7697
2689
6496
1259
1691
0292
0239
1689
1289
0259
0369
2392
6896
6789
0479
2592
0069
3693

UV LIGHT AND SOLAR DATA SUMMARY

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
1579	18,8	6,1	75,1	29,3	6,3	64,4	45,9
2579	17,0	5,6	77,4	28,1	6,1	65,8	45,1
7597	10,9	5,5	83,6	19,3	5,7	75,0	38,7
1291	42,0	9,3	48,7	46,3	9,1	44,6	57,8
1259	26,6	7,4	66,0	40,6	8,4	51,0	53,8
0259	28,8	7,5	63,7	42,5	8,6	48,9	55,1
2592	23,7	6,9	69,4	38,4	8,1	53,5	52,2
0129	47,6	10,3	42,1	48,4	9,6	42,0	59,3
2192	42,1	9,1	48,8	45,1	8,8	46,1	57,0
1569	12,8	5,9	81,3	32,0	7,6	60,4	47,6
0569	15,2	5,9	78,9	33,6	7,7	58,7	48,8
1691	24,9	7,1	68,0	36,3	8,2	55,5	50,6
0369	32,2	7,6	60,2	38,4	8,0	53,6	52,3
0069	36,0	9,2	54,8	41,3	9,4	49,3	54,0
0269	34,0	8,4	57,6	40,6	8,7	50,7	53,7
0696	25,4	7,8	66,8	36,1	8,6	55,3	50,3
0169	30,9	7,4	61,7	39,5	8,3	52,2	53,0
0029	55,2	12,5	32,3	51,9	10,6	37,5	61,6
0292	49,5	10,9	39,6	48,2	9,6	42,2	59,1
2392	42,1	9,8	48,1	42,1	8,7	49,2	54,8
3693	27,5	7,1	65,4	33,3	7,4	59,3	48,6

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
2679	18,9	5,7	75,4	25,7	6,1	68,2	43,3
6796	13,7	6,0	80,3	23,1	6,5	70,4	41,3
1679	16,7	5,6	77,7	25,4	6,1	68,5	43,1
7697	10,8	5,3	83,9	17,5	5,5	77,0	37,4
0239	50,6	10,3	39,1	47,6	9,0	43,4	58,8
6896	24,6	7,6	67,8	32,2	7,7	60,1	47,8
0679	19,5	5,8	74,7	27,3	6,3	66,4	44,4
2892	45,8	10,7	43,5	43,3	8,7	48,0	55,6
0689	33,9	8,8	57,3	37,9	8,4	53,7	51,8
2689	31,3	8,5	60,2	34,3	8,1	57,6	49,2
1689	29,1	7,6	63,3	34,9	7,9	57,2	49,7
6789	18,6	5,8	75,6	24,3	6,1	69,6	42,2
0289	52,6	12,2	35,2	46,2	9,4	44,4	57,7
0249	48,0	12,6	39,4	42,0	9,1	48,9	54,6
0469	29,9	9,9	60,2	33,1	8,4	58,5	48,2
6496	20,7	8,0	71,3	28,3	7,7	64,0	44,9
1289	46,4	9,8	43,8	44,4	8,5	47,1	56,5
0479	31,7	8,7	59,6	30,9	7,0	62,1	46,9

T_v: Visible Light Transmission, the percentage of visible light (380-780 nm) that is transmitted through a glass type.

R_v: Visible Light Reflection, the percentage of visible light (380-780 nm) that is reflected from the glass surface(s).

A_v: Visible Light Absorption, the percentage of visible light (380-780 nm) that is absorbed by a glass.

T_s: Solar Energy Transmission, the percentage of ultraviolet, visible, and infrared energy (300-2500 nm) that is directly transmitted through a glass type.

R_s: Solar Energy Reflection, the percentage of solar energy that is reflected from the glass surface(s). (300 – 2500 nm).

A_s: Solar Energy Absorption, the percentage of solar energy that is absorbed by the glass (300 – 2500 nm). One part will be transmitted by the glass and the other part will be rejected outside.

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Reflected Light | Transmitted Light


3479


1249


7797


5789


3793


0039


2789


1349


5795


0179


0797


0393


7497

0009


1791


1379


7197


3393

0089


3293


3579


1279


1479


0379

0049


2792


4579


5689


0079


0349


0279


2589

UV LIGHT AND SOLAR DATA SUMMARY

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
3479	27,5	8,0	64,5	27,7	6,8	65,5	44,6
2789	30,2	7,1	62,7	30,5	6,6	62,9	46,7
7497	16,7	6,9	76,4	19,6	6,2	74,2	38,8
0089	62,4	14,8	22,8	51,9	10,6	37,5	61,6
0049	56,2	15,6	28,2	46,6	10,6	42,8	57,7
0349	49,8	12,5	37,7	42,3	9,2	48,5	54,8
1249	41,6	10,3	48,1	40,0	8,5	51,5	53,3
1349	43,1	10,8	46,1	39,9	8,7	51,4	53,2
0009	64,3	15,3	20,4	57,5	12,0	30,5	65,3
3293	40,6	9,3	50,1	39,7	8,3	52,0	53,1
2792	26,6	6,8	66,6	29,9	6,6	63,5	46,2
0279	30,7	7,2	62,1	32,6	6,9	60,5	48,2
7797	10,8	5,1	84,1	14,8	5,1	80,1	35,5
5795	15,0	5,9	79,1	28,0	6,2	65,8	45,0
1791	27,1	6,6	66,3	31,9	6,4	61,7	47,8
3579	18,0	5,9	76,1	27,6	6,1	66,3	44,7
4579	18,2	8,0	73,8	27,8	7,1	65,1	44,6
2589	28,0	7,0	65,0	38,9	7,7	53,4	52,7

	LIGHT (EN410)			SOLAR (EN410)			
CODE	T_v	R_v	A_v	T_s	R_s	A_s	SF
5789	18,7	6,1	75,2	27,4	6,3	66,3	44,5
0179	31,3	6,9	61,8	34,0	6,6	59,4	49,4
1379	27,5	6,5	66,0	30,5	6,2	63,3	46,9
1279	27,0	6,7	66,3	31,1	6,6	62,3	47,1
5689	13,8	5,5	80,7	30,4	7,0	62,6	46,6
3793	27,7	6,3	66,0	28,8	6,0	65,2	45,7
0797	19,0	6,2	74,8	22,3	5,9	71,8	40,9
7197	17,1	6,2	76,7	21,6	6,1	72,3	40,3
1479	27,7	8,2	64,1	29,7	7,1	63,2	46,0
0039	56,2	11,8	32,0	51,0	9,6	39,4	61,1
0393	47,3	10,2	42,5	43,9	8,6	47,5	56,2
3393	41,4	9,2	49,4	39,2	8,0	52,8	52,8
0379	31,5	7,2	61,3	32,1	6,7	61,2	47,9
0079	36,4	7,4	56,2	36,5	6,8	56,7	51,1

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R_v: Visible Light Reflection, the percentage of visible light (380-780 nm) that is reflected from the glass surface(s).

A_v: Visible Light Absorption, the percentage of visible light (380-780 nm) that is absorbed by a glass.

T_s: Solar Energy Transmission, the percentage of ultraviolet, visible, and infrared energy (300-2500 nm) that is directly transmitted through a glass type.

R_s: Solar Energy Reflection, the percentage of solar energy that is reflected from the glass surface(s). (300 – 2500 nm).

A_s: Solar Energy Absorption, the percentage of solar energy that is absorbed by the glass (300 – 2500 nm). One part will be transmitted by the glass and the other part will be rejected outside.

SF: Solar Factor or Solar Heat Gain Coefficient (SHGC) or "g-factor", the percentage of directly transmitted and absorbed solar energy that enters into the building's interior. The lower the number is, the better the glass is able to exclude solar radiation.

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