

# SOLARLUX® – SOLAR CONTROL

No.	Product name	Glass Build-Up Outer/Cavity/Mid/Cavity/Inner	EN 673	EN 410					EN ISO 717-1	Thickness mm	Weight kg/m <sup>2</sup>
			U <sub>g</sub> -Value W/(m <sup>2</sup> K)	Light transmission %	g-Value %	Light Reflection external %	Light Reflection internal %	Colour Rendering Index R <sub>a</sub>	Sound Insulation R <sub>w</sub> / C / C <sub>tr</sub> dB		
		1	SOLARLUX® sunlite A / 76.50 <sup>1)</sup>	6:6.2	5,4	76	50	7	7	89	36
2	SOLARLUX® grey 65 / 64.69	6:	5,6	64	69	9	15	99	31	6	15
3	SOLARLUX® grey 45 / 44.53	6:	5,5	44	53	10	20	98	31	6	15
4	SOLARLUX® silver-grey 25 / 24.39 <sup>1)</sup>	6:	5,2	24	39	19	32	96	31	6	15
5	SOLARLUX® bright / 67.69	6:	5,7	67	69	30	31	96	31	6	15
6	SOLARLUX® A71 // 70.37	6: / 16 / 4	1,0	70	37	13	14	96	36	26	25
7	SOLARLUX® A61 // 61.33	6: / 16 / 4	1,0	61	33	13	12	93	36	26	25
8	SOLARLUX® A51 // 52.28	6: / 16 / 4	1,0	52	28	14	11	92	36	26	25
9	SOLARLUX® A41 // 42.23	6: / 16 / 4	1,0	43	23	16	11	90	36	26	25
10	SOLARLUX® D70 // 68.46	6: / 16 / 4	1,1	68	46	21	19	97	36	26	25
11	SOLARLUX® D60 // 58.40	6: / 16 / 4	1,1	58	40	28	20	97	36	26	25
12	SOLARLUX® D50 // 50.33	6: / 16 / 4	1,1	50	33	30	21	95	36	26	25
13	SOLARLUX® D40 // 40.28	6: / 16 / 4	1,1	40	28	36	15	94	36	26	25
14	SOLARLUX® D40 blue // 38.27	6: / 16 / 4	1,1	38	27	32	17	94	36	26	25
15	SOLARLUX® E71 // 70.39	6: / 16 / 4	1,0	70	39	12	14	97	36	26	25
16	SOLARLUX® solar // 67.43	6: / 16 / 4	1,0	67	43	25	24	96	36	26	25
17	SOLARLUX® silver // 40.21	6: / 16 / 4	1,0	40	21	33	18	94	36	26	25
18	SOLARLUX® gold // 29.28	6: / 16 / 4	1,2	29	28	36	51	92	36	26	25
19	SOLARLUX® bright // 60.50 <sup>2)</sup>	6: / 16 / :4	1,1	60	50	33	32	98	36	26	25
20	SOLARLUX® grey 65 // 58.48 <sup>2)</sup>	6: / 16 / :4	1,1	58	48	10	17	98	36	26	25
21	SOLARLUX® grey 45 // 40.34 <sup>2), 3)</sup>	6: / 16 / :4	1,1	40	34	11	21	97	36	26	25
22	SOLARLUX® silver-grey 25 // 22.23 <sup>2), 3)</sup>	6: / 16 / :4	1,1	22	23	19	31	96	36	26	25
23	SOLARLUX® silver-light // 57.47 <sup>2)</sup>	6: / 16 / :4	1,1	57	47	35	34	96	36	26	25
24	SOLARLUX® silver-blue // 35.27 <sup>2)</sup>	6: / 16 / :4	1,1	35	27	17	33	84	36	26	25
25	SOLARLUX® silver-grey // 28.27 <sup>2)</sup>	6: / 16 / :4	1,1	28	27	12	33	95	36	26	25
26	SOLARLUX® A71 /// 63.35	6: / 14 / 4 / 14 / :4	0,6	63	35	15	16	95	38 / -2 / -7	42	35
27	SOLARLUX® A61 /// 55.31	6: / 14 / 4 / 14 / :4	0,6	55	31	14	14	92	38 / -2 / -7	42	35
28	SOLARLUX® A51 /// 47.26	6: / 14 / 4 / 14 / :4	0,6	47	26	16	14	91	38 / -2 / -7	42	35
29	SOLARLUX® A41/// 39.21	6: / 14 / 4 / 14 / :4	0,6	39	21	16	14	89	38 / -2 / -7	42	35
30	SOLARLUX® D70 /// 62.41	6: / 14 / 4 / 14 / :4	0,6	62	41	23	20	96	38 / -2 / -7	42	35
31	SOLARLUX® D60 /// 53.36	6: / 14 / 4 / 14 / :4	0,6	53	36	29	21	96	38 / -2 / -7	42	35
32	SOLARLUX® D50 /// 45.29	6: / 14 / 4 / 14 / :4	0,6	45	29	31	22	94	38 / -2 / -7	42	35
33	SOLARLUX® D40 /// 36.24	6: / 14 / 4 / 14 / :4	0,6	36	24	36	17	93	38 / -2 / -7	42	35
34	SOLARLUX® D40 blue /// 35.23	6: / 14 / 4 / 14 / :4	0,6	35	23	33	19	93	38 / -2 / -7	42	35
35	SOLARLUX® E71 /// 64.36	6: / 14 / 4 / 14 / :4	0,6	64	36	14	16	96	38 / -2 / -7	42	35
36	SOLARLUX® solar /// 61.39	6: / 14 / 4 / 14 / :4	0,6	61	39	27	24	95	38 / -2 / -7	42	35
37	SOLARLUX® silver /// 36.19	6: / 14 / 4 / 14 / :4	0,6	36	19	33	20	93	38 / -2 / -7	42	35
38	SOLARLUX® gold /// 26.23	6: / 14 / 4 / 14 / :4	0,7	26	23	37	47	91	38 / -2 / -7	42	35
39	SOLARLUX® bright /// 55.43 <sup>4)</sup>	6: / 14 / :4 / 14 / :4	0,6	55	43	35	31	98	38 / -2 / -7	42	35
40	SOLARLUX® grey 65 /// 53.41 <sup>4)</sup>	6: / 14 / :4 / 14 / :4	0,6	53	41	12	19	97	38 / -2 / -7	42	35

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		Outer/Cavity/Mid/Cavity/Inner	U <sub>g</sub> -Value	Light transmission	g-Value	Light Reflection external	Light Reflection internal	Colour Rendering Index <sub>Ra</sub>	Sound Insulation R <sub>w</sub> / C / C <sub>r</sub>		
			W/(m <sup>2</sup> K)	%	%	%	%		dB		
41	SOLARLUX® grey 45 /// 36.29 <sup>3), 4)</sup>	6: / 14 / :4 / 14 / :4	0,6	36	29	12	22	93	38 / -2 / -7	42	35
42	SOLARLUX® silver-grey 25 /// 20.19 <sup>3), 4)</sup>	6: / 14 / :4 / 14 / :4	0,6	20	19	20	31	96	38 / -2 / -7	42	35
43	SOLARLUX® silver-light /// 52.41 <sup>4)</sup>	6: / 14 / :4 / 14 / :4	0,6	52	41	36	33	96	38 / -2 / -7	42	35
44	SOLARLUX® silver-blue /// 32.23 <sup>4)</sup>	6: / 14 / :4 / 14 / :4	0,6	32	23	17	32	83	38 / -2 / -7	42	35
45	SOLARLUX® silver-grey /// 25.23 <sup>4)</sup>	6: / 14 / :4 / 14 / :4	0,6	25	23	12	32	95	38 / -2 / -7	42	35
46	SOLARLUX® variodirekt /// Typ: E / EC / M <sup>5)</sup>	6: / 27 (29,32) / 6 / 14 / :6	0,6	4 / 7 / 14	7 / 10 / 17	63 / 58 / 35	-	-	-	57/59/62	45

1) Pane is thermally toughened. 2) Additional Low-E coating on level 3. 3) Outer pane is thermally toughened. 4) Additional Low-E coating on level 3, middle pane is thermally toughened. 5) SOLARLUX® variodirect type E: Venetian blind electric; - type EC: Venetian blind electric with encoder; - type M: Venetian blind manual operation. | Matching spandrel elements are available for all SOLARLUX® solar control insulating glass units for use as cold or hot panels.