

SOLARLUX® – SOLAR CONTROL

Product name	Colour impression exterior view	Glass Build-Up Outer → Inner	EN 673	EN 410					EN ISO 717-1	Thickness mm	Weight kg/m ²
			U _g -Value	Light transmission	g-Value	Light Reflection external	Light Reflection internal	Colour Rendering Index _{Ra}	Sound Insulation R _w / C / C _{tr}		
			W/(m ² K)	%	%	%	%		dB		
Spectrally highly selective											
SOLARLUX® A71 // 70.37	neutral	6: / 16 / 4	1,0	70	37	13	14	96	36	26	25
SOLARLUX® A61 // 61.33	neutral	6: / 16 / 4	1,0	61	33	13	12	93	36	26	25
SOLARLUX® A51 // 52.28	neutral	6: / 16 / 4	1,0	52	28	14	11	92	36	26	25
SOLARLUX® A40 // 43.23	neutral	6: / 16 / 4	1,0	43	23	22	11	91	36	26	25
SOLARLUX® E71 // 70.39	neutral	6: / 16 / 4	1,0	70	39	12	14	97	36	26	25
SOLARLUX® X60 // 60.28	neutral-blue	6: / 16 / 4	1,0	60	28	14	13	95	36	26	25
SOLARLUX® X35 // 35.14 ¹⁾	neutral-blue	6: / 16 / 4	1,0	35	14	15	22	77	36	26	25
SOLARLUX® A71 /// 63.35	neutral	6: / 14 / 4 / 14 / :4	0,6	63	35	15	16	95	38 / -2 / -7	42	35
SOLARLUX® A61 /// 55.31	neutral	6: / 14 / 4 / 14 / :4	0,6	55	31	14	14	92	38 / -2 / -7	42	35
SOLARLUX® A51 /// 47.26	neutral	6: / 14 / 4 / 14 / :4	0,6	47	26	16	14	91	38 / -2 / -7	42	35
SOLARLUX® A40 /// 39.21	neutral	6: / 14 / 4 / 14 / :4	0,6	39	21	23	14	90	38 / -2 / -7	42	35
SOLARLUX® E71 /// 64.36	neutral	6: / 14 / 4 / 14 / :4	0,6	64	36	14	16	96	38 / -2 / -7	42	35
SOLARLUX® X60 /// 54.25	neutral-blue	6: / 14 / 4 / 14 / :4	0,6	54	25	15	16	94	38 / -2 / -7	42	35
SOLARLUX® X35 /// 32.13 ¹⁾	neutral-blue	6: / 14 / 4 / 14 / :4	0,6	32	13	15	23	76	38 / -2 / -7	42	35
Spectrally selective											
SOLARLUX® D70 // 68.46	neutral	6: / 16 / 4	1,1	68	46	21	19	97	36	26	25
SOLARLUX® D60 // 58.40	neutral-silver	6: / 16 / 4	1,1	58	40	28	20	97	36	26	25
SOLARLUX® D50 // 50.33	neutral-silver	6: / 16 / 4	1,1	50	33	30	21	95	36	26	25
SOLARLUX® D40 // 40.28	silver	6: / 16 / 4	1,1	40	28	36	15	94	36	26	25
SOLARLUX® D40 blue // 38.27	blue	6: / 16 / 4	1,1	38	27	32	17	94	36	26	25
SOLARLUX® D70 /// 62.41	neutral	6: / 14 / 4 / 14 / :4	0,6	62	41	23	20	96	38 / -2 / -7	42	35
SOLARLUX® D60 /// 53.36	neutral-silver	6: / 14 / 4 / 14 / :4	0,6	53	36	29	21	96	38 / -2 / -7	42	35
SOLARLUX® D50 /// 45.29	neutral-silver	6: / 14 / 4 / 14 / :4	0,6	45	29	31	22	94	38 / -2 / -7	42	35
SOLARLUX® D40 /// 36.24	silver	6: / 14 / 4 / 14 / :4	0,6	36	24	36	17	93	38 / -2 / -7	42	35
SOLARLUX® D40 blue /// 35.23	blue	6: / 14 / 4 / 14 / :4	0,6	35	23	33	19	93	38 / -2 / -7	42	35
Reflective											
SOLARLUX® solar // 67.43	neutral-silver	6: / 16 / 4	1,0	67	43	25	24	96	36	26	25
SOLARLUX® silver // 40.21	silver	6: / 16 / 4	1,0	40	21	33	18	94	36	26	25
SOLARLUX® gold // 29.28	gold	6: / 16 / 4	1,2	29	28	36	51	92	36	26	25
SOLARLUX® silver-light // 57.47 ²⁾	silver	6: / 16 / :4	1,1	57	47	35	34	96	36	26	25
SOLARLUX® silver-blue // 35.27 ²⁾	blue	6: / 16 / :4	1,1	35	27	17	33	84	36	26	25
SOLARLUX® silver-grey // 28.27 ²⁾	grey	6: / 16 / :4	1,1	28	27	12	33	95	36	26	25
SOLARLUX® solar /// 61.39	neutral-silver	6: / 14 / 4 / 14 / :4	0,6	61	39	27	24	95	38 / -2 / -7	42	35
SOLARLUX® silver /// 36.19	silver	6: / 14 / 4 / 14 / :4	0,6	36	19	33	20	93	38 / -2 / -7	42	35
SOLARLUX® gold /// 26.23	gold	6: / 14 / 4 / 14 / :4	0,7	26	23	37	47	91	38 / -2 / -7	42	35
SOLARLUX® silver-light /// 52.41 ³⁾	silver	6: / 14 / :4 / 14 / :4	0,6	52	41	36	33	96	38 / -2 / -7	42	35
SOLARLUX® silver-blue /// 32.23 ³⁾	blue	6: / 14 / :4 / 14 / :4	0,6	32	23	17	32	83	38 / -2 / -7	42	35
SOLARLUX® silver-grey /// 25.23 ³⁾	grey	6: / 14 / :4 / 14 / :4	0,6	25	23	12	32	95	38 / -2 / -7	42	35

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			W/(m ² K)	%	%	%	%		dB		
Monolithic											
SOLARLUX® sunlite A / 76.50 ⁴⁾	neutral-blue	6:6.2	5,4	76	50	7	7	89	36	13	30
SOLARLUX® grey 65 / 64.69	neutral-silver	6:	5,6	64	69	9	15	99	31	6	15
SOLARLUX® grey 45 / 44.53	neutral-grey	6:	5,5	44	53	10	20	98	31	6	15
SOLARLUX® silver-grey 25 / 24.39 ⁴⁾	neutral-grey	6:	5,2	24	39	19	32	96	31	6	15
SOLARLUX® bright / 67.69	neutral	6:	5,7	67	69	30	31	96	31	6	15
Internal blind											
SOLARLUX® variodirekt /// Typ: E / EC / M ⁵⁾	neutral	6: / 27 (29,32) / 6 / 14 / :6	0,6	4/7/14	7/10/17	63/58/35	-	-	-	57/59/62	45
Radio-transparent glazing											
SOLARLUX® A71 connect /// 63.35	neutral	6: / 14 / 4 / 14 / :4	0,7	63	35	15	16	95	ca. 45	42	35
SOLARLUX® A61 connect /// 56.32	neutral	6: / 14 / 4 / 14 / :4	0,7	56	32	14	15	92	ca. 45	42	35

1) Outer pane is thermally toughened. 2) Additional low-e coating on level #3. 3) Additional low-e coating on level #3, middle pane is thermally toughened. 4) 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.