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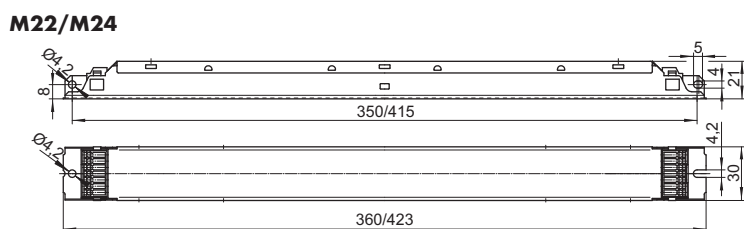
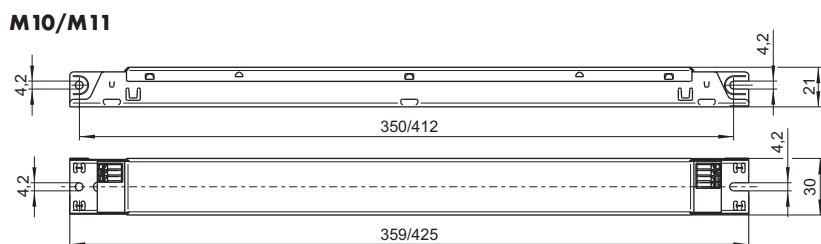
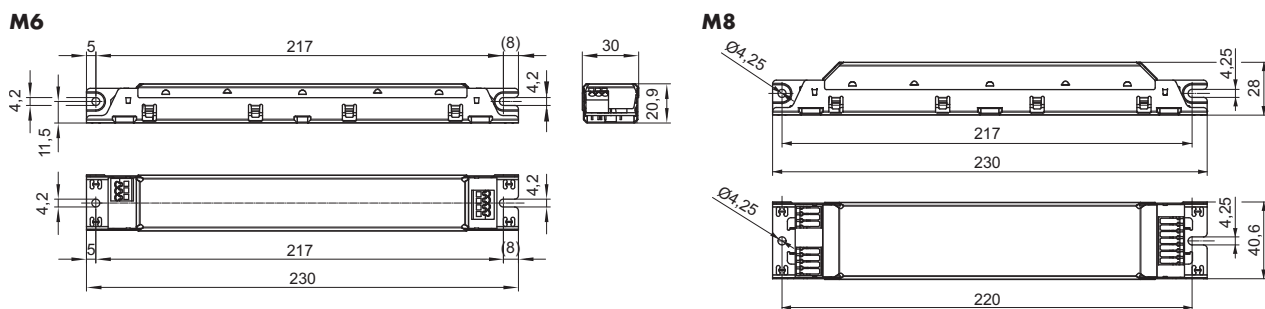
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The image displays four V5000 100W LED modules. These are long, narrow, rectangular units with a silver-colored metal housing. They are arranged in a slightly overlapping, diagonal fashion. Each module features a series of small, square LED chips along its length. The modules are shown in different sizes and configurations, including some with mounting brackets attached to their ends. The V5000 logo and technical specifications are printed on the top surface of each module.



ELXc – Warm start for T5 lamps with lamp detection

DC voltage

for operation: 176–276 V

for ignition: 198–264 V

Push-in terminals: 0,5–1 mm²

For the automatic luminaire wiring:

IDC terminals for leads H05V-U 0.5

EOL shut down approved

acc. to EN 61347 Test 2

Automatic lamp detection (T5 HO/HE)

Optimum pre-heating of the filament ensures
lamps can be ignited within 1 second.

☒ T5 ☐ TC ☒ BUILT-IN ☐ 1–10 V
☐ T8 ☐ INDEPENDENT ☐ DALI/PUSH

Lamp				Electronic ballast							System	
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10%	Energy efficiency	Ambient temperature t _a (°C)	Casing temperature t _c (°C)	Casing	Output W	Luminous factor %
14	T5	G5	1 x 14.0	ELXc 139.632	188945	220–240	A2 BAT	–20 to 50	max. 75	M22	16.0	100.0
2x14	T5	G5	2 x 14.0	ELXc 239.635	188948	220–240	A2 BAT	–20 to 50	max. 75	M22	31.0	100.0
21	T5	G5	1 x 21.0	ELXc 139.632	188945	220–240	A2 BAT	–20 to 50	max. 75	M22	24.0	100.0
2x21	T5	G5	2 x 20.5	ELXc 239.635	188948	220–240	A2 BAT	–20 to 50	max. 75	M22	45.0	100.0
24	T5	G5	1 x 23.0	ELXc 139.632	188945	220–240	A2 BAT	–20 to 50	max. 75	M22	26.0	100.0
2x24	T5	G5	2 x 23.0	ELXc 239.635	188948	220–240	A2 BAT	–20 to 50	max. 75	M22	50.0	100.0
28	T5	G5	1 x 28.0	ELXc 154.633	188946	220–240	A2 BAT	–20 to 50	max. 75	M22	32.0	100.0
2x28	T5	G5	2 x 28.0	ELXc 254.636	188949	220–240	A2 BAT	–20 to 50	max. 75	M22	61.0	100.0
35	T5	G5	1 x 35.0	ELXc 154.633	188946	220–240	A2 BAT	–20 to 50	max. 75	M22	38.0	100.0
			1 x 35.0	ELXc 180.634	188947	220–240	A2 BAT	–20 to 50	max. 75	M22	38.0	100.0
			2 x 35.0	ELXc 254.636	188949	220–240	A2 BAT	–20 to 50	max. 75	M22	76.0	100.0
2x35	T5	G5	2 x 35.0	ELXc 280.637	188950	220–240	A2 BAT	–20 to 50	max. 75	M24	75.0	100.0
39	T5	G5	1 x 38.0	ELXc 139.632	188945	220–240	A2 BAT	–20 to 50	max. 75	M22	41.0	100.0
2x39	T5	G5	2 x 38.0	ELXc 239.635	188948	220–240	A2 BAT	–20 to 50	max. 75	M22	81.0	100.0
49	T5	G5	1 x 49.0	ELXc 154.633	188946	220–240	A2 BAT	–20 to 50	max. 75	M22	53.0	100.0
			1 x 49.0	ELXc 180.634	188947	220–240	A2 BAT	–20 to 50	max. 75	M22	53.0	100.0
2x49	T5	G5	2 x 49.0	ELXc 254.636	188949	220–240	A2 BAT	–20 to 50	max. 75	M22	105.0	100.0
			2 x 49.0	ELXc 280.637	188950	220–240	A2 BAT	–20 to 50	max. 75	M24	104.0	100.0
54	T5	G5	1 x 54.0	ELXc 154.633	188946	220–240	A2 BAT	–20 to 50	max. 75	M22	58.0	100.0
2x54	T5	G5	2 x 54.0	ELXc 254.636	188949	220–240	A2 BAT	–20 to 50	max. 75	M22	115.0	100.0
80	T5	G5	1 x 80.0	ELXc 180.634	188947	220–240	A2 BAT	–20 to 50	max. 75	M22	85.0	100.0
2x80	T5	G5	2 x 80.0	ELXc 280.637	188950	220–240	A2 BAT	–20 to 50	max. 75	M24	165.0	100.0

Circuit diagrams see pages 255–259

ELXc – Warm Start for T5 and T8 Lamps

DC voltage

for operation: 176–264 V

for ignition: 198–264 V

(ELXc 135.856, 235.857, 149.858, 154.864,
180.866, 270.206; 280.538:

DC voltage cannot be reduced to 176 V)

Push-in terminals: 0.5–1 mm²

For the automatic luminaire wiring:

IDC terminals for leads HO5V-U 0.5

EOL shut down approved

acc. to EN 61347 Test 2 (for T5)

EOL shut down (for T8)

☒ T5 ☐ TC ☒ BUILT-IN ☐ 1–10 V
☒ T8 ☐ INDEPENDENT ☐ DALI/PUSH

Lamp				Electronic ballast							System	
Output W	Type	Base	Power con- sumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10%	Energy efficiency	Ambient temperature t _a (°C)	Casing temperature t _c (°C)	Casing	Output W	Luminous factor %
For T5 lamps – Casing: M8, M10 and M11												
14	T5	G5	1 x 14.0	ELXc 135.856	188093	220–240	A2 BAT	–15 to 55	max. 70	M10	17.0	110.7
2x14	T5	G5	2 x 14.0	ELXc 235.857	188094	220–240	A2 BAT	–15 to 55	max. 70	M10	33.4	107.0
3x14	T5	G5	3 x 14.0	ELXc 414.868	188438	220–240	A2 BAT	–15 to 55	max. 70	M8	48.0	105.4
4x14	T5	G5	4 x 14.0	ELXc 414.868	188438	220–240	A2 BAT	–15 to 55	max. 70	M8	63.0	102.3
21	T5	G5	1 x 21.0	ELXc 135.856	188093	220–240	A2 BAT	–15 to 55	max. 70	M10	24.0	107.4
2x21	T5	G5	2 x 21.0	ELXc 235.857	188094	220–240	A2 BAT	–15 to 55	max. 70	M10	50.2	110.6
24	T5	G5	1 x 22.5	ELXc 140.862	188140	220–240	A2 BAT	–15 to 55	max. 70	M10	27.0	114.0
2x24	T5	G5	2 x 22.5	ELXc 240.863	188616	220–240	A2 BAT	–15 to 55	max. 70	M10	51.0	107.4
3x24	T5	G5	3 x 22.5	ELXc 424.223	183039	220–240	A2 BAT	–15 to 55	max. 75	M8	78.0	103.7
4x24	T5	G5	4 x 22.5	ELXc 424.223	183039	220–240	A2	–15 to 55	max. 75	M8	101.7	103.5
28	T5	G5	1 x 28.0	ELXc 135.856	188093	220–240	A2 BAT	–15 to 55	max. 70	M10	32.0	104.9
2x28	T5	G5	2 x 28.0	ELXc 235.857	188094	220–240	A2 BAT	–15 to 55	max. 70	M10	60.6	106.2
3x28	T5	G5	3 x 27.9	ELXc 328.224	183094	220–240	A2	–15 to 55	max. 70	M8	89.9	100.0
35	T5	G5	1 x 35.0	ELXc 135.856	188093	220–240	A2 BAT	–15 to 55	max. 70	M10	39.5	102.7
2x35	T5	G5	2 x 35.0	ELXc 235.857	188094	220–240	A2 BAT	–15 to 55	max. 70	M10	74.5	102.5
39	T5	G5	1 x 38.0	ELXc 140.862	188140	220–240	A2 BAT	–15 to 55	max. 70	M10	43.0	107.0
2x39	T5	G5	2 x 38.0	ELXc 240.863	188616	220–240	A2 BAT	–15 to 55	max. 70	M10	82.0	97.9
49	T5	G5	1 x 49.0	ELXc 149.858	188095	220–240	A2 BAT	–15 to 55	max. 70	M10	54.0	102.5
2x49	T5	G5	2 x 49.0	ELXc 249.859	188617	220–240	A2 BAT	–15 to 50	max. 70	M10	113.0	106.6
54	T5	G5	1 x 54.0	ELXc 154.864	188142	220–240	A2 BAT	–15 to 55	max. 65	M10	59.0	101.1
2x54	T5	G5	2 x 54.0	ELXc 254.865	188618	220–240	A2 BAT	–15 to 50	max. 70	M10	119.0	106.0
80	T5	G5	1 x 80.0	ELXc 180.866	188144	220–240	A2 BAT	–15 to 55	max. 70	M10	87.0	97.6
2x80	T5	G5	2 x 80.0	ELXc 280.538	188619	220–240	A2 BAT	–15 to 50	max. 70	M11	175.0	97.2
For T8 lamps – Casing: M8												
3x18	T8	G13	3 x 16.0	ELXc 418.204	188744	220–240	A2 BAT	–15 to 55	max. 70	M8	56.0	100.8
4x18	T8	G13	4 x 16.0	ELXc 418.204	188744	220–240	A2 BAT	–15 to 55	max. 70	M8	71.5	98.9
3x36	T8	G13	3 x 32.0	ELXc 336.214	188595	220–240	A2 BAT	–15 to 50	max. 65	M8	105.0	99.4

Circuit diagrams see pages 255–259

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