

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, 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 H05V-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	Type	Base	Power consumption	Type	Ref. No.	Voltage AC	Energy efficiency	Ambient temperature	Casing temperature	Casing	Output	Luminous factor
W			W			50, 60 Hz		t _a (°C)	t _c (°C)		W	%
V±10%												
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 BAT	–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
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 220–223