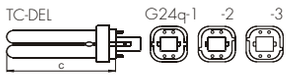
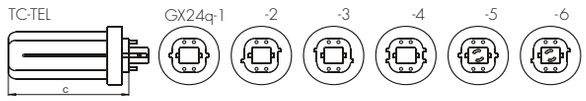
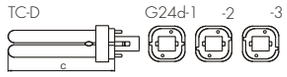
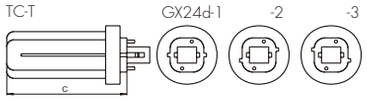
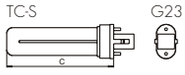
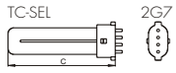
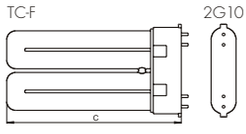
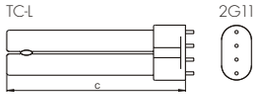
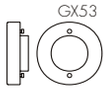
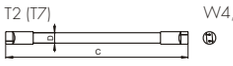
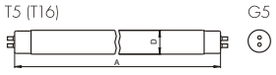
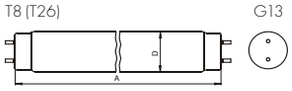
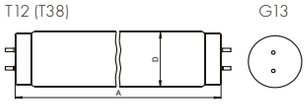
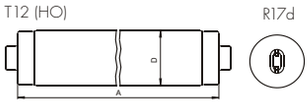
Lamp Table – Fluorescent Lamps

Lamp type/lamp base	Base	Output (W)	Max. length (C) acc. to IEC	
	G24q-1	10 13	95 130	
	G24q-2	18	140	
	G24q-3	26	160	
	GX24q-1	13	90	
	GX24q-2	18	110	
	GX24q-3	26 32	130 145	
	GX24q-4	42	155	
	GX24q-5	57	181*	
	GX24q-6	70	178*	
	G24d-1	8 10 13	73* 95 130	
	G24d-2	18	140	
	G24d-3	26	160	
	GX24d-1	13	90	
	GX24d-2	18	110	
	GX24d-3	26	130	
	G23	5 7 9 11	85 115 145 215	
	2G7	5 7 9 11	85 115 145 215	
			A	B
	GR8	16 28	138 205	141 207
	GR10q	10 16 21 28 38	92 138 138 205 205	95 141 141 207 207
	GRY10q-3	55	205	205*
	GRZ10d	18	137	141
	GRZ10t	30	202	206
	2G10	18 24 36	122 165 217	
	2G11	18 24 34 36 40 55 80	225 320 533* 415 535 535 565	
	GX53*	7		

* not yet included in IEC standard

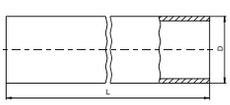
Lamp Table – Fluorescent Lamps

Lamp type/lamp base	Base	Output (W)	D dia. (mm)	Length A/C (mm) acc. to IEC 60081/ 60901 (for circular lamps B)
T2 (T7) W4,3 	W4.3x8.5d	6	7	219.3
		8	7	320.9
		11	7	422.5
		13	7	524.1
T5 (T16) G5 	G5	4	16	135.9
		6	16	212.1
		8	16	298.3
		13	16	516.9
		14	16	549.0
		21	16	849.0
		24	16	549.0
		28	16	1149.0
		35	16	1449.0
		39	16	849.0
		49	16	1449.0
		54	16	1149.0
		80	16	1449.0
T8 (T26) G13 	G13	10	26	470.0 *2
		14	26	360.0 *2
		15	26	437.4
		16	26	589.8
		16	26	720.0 *2
		18	26	589.8
		20 *1	26	438.0
		20	26	589.8
		23	26	370.0
		30	26	894.6
		32	26	1199.4
		33	26	1149.0
		34	26	1047.0
		36	26	1199.4
		36	26	970.0 *2
		38	26	1047.0
		50	26	1500.0
		58	26	1500.0
		70	26	1763.8
T12 (T38) G13 	G13	20	38	589.8
		25	38	970.0
		30	38	894.6
		40	38	1199.4
		65	38	1500.0
		75	38	1763.8
		80 *1	38	1500.0
		85	38	2374.3
		85 *1	38	1763.8
		100	38	2374.3
		100 *1	38	1800.0
		115	38	1200.0
		125	38	2374.3
		140	38	1500.0
		140 *1	38	1800.0
		160 *1	38	1800.0
T12 (HO) R17d 	R17d	60	38	900.0
		60	38	1166.0
		87	38	1775.6
		112	38	2385.2
		110	38	2400.0
		195	38	2385.0
		215	38	2400.0
		110	54	1200.0
		165	54	1800.0
		215	54	2400.0

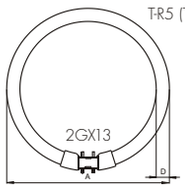
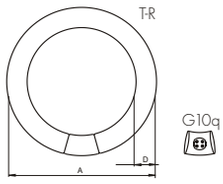
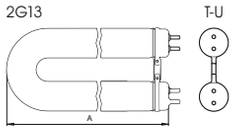
*1 UV solarium lamps
*2 not yet included in IEC standard

Tube lengths of plastic and glass protective tubes

D dia. (mm)	Length L (mm)
38	L = A–20±1
50	L = A–30±1



Lamp Table – Fluorescent Lamps

Lamp type/lamp base	Base	Output (W)	D dia. (mm)	A	
	2GX13	22 40 55 60	16 16 16 16	230.0 * 305.0 * 305.0 * 379.0 *	
	G10q	22 32 40 60	28 30 30 30	215.9 311.2 412.8 408.8	acc. to IEC 60901
	2G13-92	18 36 58	26 26 26	304 * 566, 601 * 566, 759 *	

* not yet included in IEC standard

EEI classification

To permit a comparison of the power inputs of ballasts and lamp circuits for fluorescent lamps, CENELEC (Comité Européen de Normalisation Electrotechnique), the European committee for electronic standardisation, has developed a standard for the measurement of the total input power of ballasts-lamp circuits. The umbrella organisation of European luminaire and ballast manufacturer associations (CELMA) has introduced a classification of ballasts-lamp circuits (EEI = Energy Efficiency Index). According to this, the input power of ballast-lamp circuits is divided into seven classes per lamp type. The following table details the EEI classes. Classes A1, A2 and A3 are for electronic ballasts (A1 dimmable), classes B1 and B2 for low-loss ballasts and classes C and D for conventional electromagnetic ballasts.

Against the background of international requirements to reduce greenhouse gases (world climate protection conference), European Directive 2000/55/EC governs the use of ballasts for fluorescent lamps. The new directive regarding energy efficiency requirements prohibited the sale of energy-class D ballasts on the European market (EU) with effect from 21.05.2002 and will prohibit the sale of energy-class C ballasts with effect from 21.11.2005.