













Lamp Data

Fluorescent lamps

DESIGNATIONS	ILCOS	WATTS (w)	DIMENSIONS (mm)	LAMP CAP	COLOUR TEMP (K)	COLOUR APPEARANCE	CRV/GROUP	INITIAL LUMENS (lm)	RATED LIFE HOURS	LUMEN MAINTENANCE
LINEAR FLUORESCENT T5 MINIATURE HALOPHOSPHATE										
 T5 (T16)	FD	4	L 150 x Dia 16	G5	3500	WHITE	56/3	150	5000hr	75%
T5 (T16)	FD	6	L 225 x Dia 16	G5	3500	WHITE	56/3	280	5000hr	75%
T5 (T16)	FD	8	L300 x Dia 16	G5	3500	WHITE	56/3	400	5000hr	75%
T5 (T16)	FD	13	L525 x Dia 16	G5	3500	WHITE	56/3	800	5000hr	75%
LINEAR FLUORESCENT T5 HIGH EFFICIENCY (HE)										
 T5 (T16)	FDH	14	L550 x Dia 16	G5	4000	COOL WHITE	85/1B	1200	16000hr	95%
T5 (T16)	FDH	21	L850 x Dia 16	G5	4000	COOL WHITE	85/1B	1900	16000hr	95%
T5 (T16)	FDH	28	L1150 x Dia 16	G5	4000	COOL WHITE	85/1B	2600	16000hr	95%
T5 (T16)	FDH	35	L1450 x Dia 16	G5	4000	COOL WHITE	85/1B	3300	16000hr	95%
LINEAR FLUORESCENT T5 HIGH OUTPUT (HO)										
 T5 (T16)	FDH	24	L550 x Dia 16	G5	4000	COOL WHITE	85/1B	1750	16000hr	95%
T5 (T16)	FDH	39	L850 x Dia 16	G5	4000	COOL WHITE	85/1B	3100	16000hr	95%
T5 (T16)	FDH	49	L1450 x Dia 16	G5	4000	COOL WHITE	85/1B	4300	16000hr	95%
T5 (T16)	FDH	54	L1150 x Dia 16	G5	4000	COOL WHITE	85/1B	4450	16000hr	95%
T5 (T16)	FDH	80	L1450 x Dia 16	G5	4000	COOL WHITE	85/1B	6150	16000hr	95%
LINEAR FLUORESCENT T5 CIRCULAR										
 T5	FCH	22	Dia 230	2GX13	4000	COOL WHITE	85/1B	1800	16000hr	95%
T5	FCH	22	Dia 230	2GX13	3000	WARM WHITE	85/1B	1800	16000hr	95%
T5	FCH	40	Dia 230	2GX13	4000	COOL WHITE	85/1B	3300	16000hr	95%
T5	FCH	40	Dia 230	2GX13	3000	WARM WHITE	85/1B	3300	16000hr	95%
T5	FCH	55	Dia 230	2GX13	4000	COOL WHITE	85/1B	4400	16000hr	95%
T5	FCH	55	Dia 230	2GX13	3000	WARM WHITE	85/1B	4400	16000hr	95%
LINEAR FLUORESCENT T8 TRIPHOSPHOR										
 T8 (T26)	FD	18	L600 x Dia 26	G13	4000	COOL WHITE	85/1B	1350	14000hr	95%
T8 (T26)	FD	18	L600 x Dia 26	G13	3500	WHITE	85/1B	1350	14000hr	95%
T8 (T26)	FD	18	L600 x Dia 26	G13	3000	WARM WHITE	85/1B	1350	14000hr	95%
T8 (T26)	FD	18	L600 x Dia 26	G13	6000	DAYLIGHT	85/1B	1350	14000hr	95%
T8 (T26)	FD	36	L1200 x Dia 26	G13	4000	COOL WHITE	85/1B	3350	14000hr	95%
T8 (T26)	FD	36	L1200 x Dia 26	G13	3500	WHITE	85/1B	3350	14000hr	95%
T8 (T26)	FD	36	L1200 x Dia 26	G13	3000	WARM WHITE	85/1B	3350	14000hr	95%
T8 (T26)	FD	36	L1200 x Dia 26	G13	6000	DAYLIGHT	85/1B	3350	14000hr	95%
T8 (T26)	FD	58	L1500 x Dia 26	G13	4000	COOL WHITE	85/1B	5200	14000hr	95%
T8 (T26)	FD	58	L1500 x Dia 26	G13	3500	WHITE	85/1B	5200	14000hr	95%
T8 (T26)	FD	58	L1500 x Dia 26	G13	3000	WARM WHITE	85/1B	5200	14000hr	95%
T8 (T26)	FD	70	L1800 x Dia 26	G13	4000	COOL WHITE	85/1B	6550	14000hr	95%
T8 (T26)	FD	70	L1800 x Dia 26	G13	3500	WHITE	85/1B	6550	14000hr	95%
T8 (T26)	FD	70	L1800 x Dia 26	G13	3000	WARM WHITE	85/1B	6550	14000hr	95%
LINEAR FLUORESCENT T12 HALOPHOSPHATE										
 T12 (T38)	FD	100	L2400 x Dia 38	G13	4000	COOL WHITE	67/2B	8300	9000hr	75%
T12 (T38)	FD	100	L2400 x Dia 38	G13	3500	WHITE	56/3	8600	9000hr	75%











Lamp Data

Compact Fluorescent lamps




	DESIGNATIONS	ILCOS	WATTS (w)	DIMENSIONS (mm)	LAMP CAP	COLOUR TEMP (K)	COLOUR APPEARANCE	CRI/GROUP	INITIAL LUMENS (lm)	RATED LIFE HOUR	LUMEN MAINTENANCE	
	COMPACT FLUORESCENT 2D TYPE											
	2D (TD-DD)	FSS	16	140 x 140	GR10Q-4	2700	TUNGSTEN WHITE	82/1B	1050	10000hr	75%	
	2D (TD-DD)	FSS	28	205 x 205	GR10Q-4	3500	WHITE	82/1B	2050	10000hr	75%	
	2D (TD-DD)	FSS	38	205 x 205	GR10Q-4	3500	WHITE	82/1B	2850	10000hr	75%	
	COMPACT FLUORESCENT S TYPE											
	TC-S	FSD	5	L109 x W 27	G23	4000	COOL WHITE	85/1B	265	10000hr	80%	
	TC-S	FSD	5	L109 x W 27	G23	3500	WHITE	85/1B	265	10000hr	80%	
	TC-S	FSD	5	L109 x W 27	G23	2700	TUNGSTEN WHITE	85/1B	265	10000hr	80%	
	TC-S	FSD	7	L138 x W 27	G23	4000	COOL WHITE	85/1B	425	10000hr	80%	
	TC-S	FSD	7	L138 x W 27	G23	3500	WHITE	85/1B	425	10000hr	80%	
	TC-S	FSD	7	L138 x W 27	G23	3000	WARM WHITE	85/1B	425	10000hr	80%	
	TC-S	FSD	9	L168 x W 27	G23	4000	COOL WHITE	85/1B	600	10000hr	80%	
	TC-S	FSD	9	L168 x W 27	G23	3500	WHITE	85/1B	600	10000hr	80%	
	TC-S	FSD	9	L168 x W 27	G23	3000	WARM WHITE	85/1B	600	10000hr	80%	
	TC-S	FSD	11	L238 x W27	G23	4000	COOL WHITE	85/1B	900	10000hr	80%	
	TC-S	FSD	11	L238 x W27	G23	3500	WHITE	85/1B	900	10000hr	80%	
	TC-S	FSD	11	L238 x W27	G23	3000	WARM WHITE	85/1B	900	10000hr	80%	
		COMPACT FLUORESCENT D TYPE										
TC-D		FSQ	13	L131 x W27	G24d-1	4000	COOL WHITE	85/1B	900	10000hr	80%	
TC-D		FSQ	13	L131 x W27	G24d-1	3500	WHITE	85/1B	900	10000hr	80%	
TC-D		FSQ	13	L131 x W27	G24d-1	3000	WARM WHITE	85/1B	900	10000hr	80%	
TC-D		FSQ	18	L146 x W27	G24d-2	4000	COOL WHITE	85/1B	1200	10000hr	80%	
TC-D		FSQ	18	L146 x W27	G24d-2	3500	WHITE	85/1B	1200	10000hr	80%	
TC-D		FSQ	18	L146 x W27	G24d-2	3000	WARM WHITE	85/1B	1200	10000hr	80%	
TC-D		FSQ	26	L165 x W27	G24d-3	4000	COOL WHITE	85/1B	1800	10000hr	80%	
TC-D		FSQ	26	L165 x W27	G24d-3	3500	WHITE	85/1B	1800	10000hr	80%	
TC-D		FSQ	26	L165 x W27	G24d-3	3000	WARM WHITE	85/1B	1800	10000hr	80%	
	COMPACT FLUORESCENT D/E TYPE											
	TC-D (TC-DEL)	FSQ	13	L131 x W27	G24d-1	4000	COOL WHITE	85/1B	900	12000hr	80%	
	TC-D (TC-DEL)	FSQ	13	L131 x W27	G24d-1	3500	WHITE	85/1B	900	12000hr	80%	
	TC-D (TC-DEL)	FSQ	13	L131 x W27	G24d-1	3000	WARM WHITE	85/1B	900	12000hr	80%	
	TC-D (TC-DEL)	FSQ	18	L146 x W27	G24d-2	4000	COOL WHITE	85/1B	1200	12000hr	80%	
	TC-D (TC-DEL)	FSQ	18	L146 x W27	G24d-2	3500	WHITE	85/1B	1200	12000hr	80%	
	TC-D (TC-DEL)	FSQ	18	L146 x W27	G24d-2	3000	WARM WHITE	85/1B	1200	12000hr	80%	
	TC-D (TC-DEL)	FSQ	26	L165 x W27	G24d-3	4000	COOL WHITE	85/1B	1800	12000hr	80%	
	TC-D (TC-DEL)	FSQ	26	L165 x W27	G24d-3	3500	WHITE	85/1B	1800	12000hr	80%	
	TC-D (TC-DEL)	FSQ	26	L165 x W27	G24d-3	3000	WARM WHITE	85/1B	1800	12000hr	80%	
	COMPACT FLUORESCENT T/E TYPE											
	TC-T (TC-TEL)	FSM	32	L142 x W56	G24d-3	4000	COOL WHITE	85/1B	2200	12000hr	80%	
	TC-T (TC-TEL)	FSM	32	L142 x W56	G24d-3	3500	WHITE	85/1B	2200	12000hr	80%	
	TC-T (TC-TEL)	FSM	32	L142 x W56	G24d-3	3000	WARM WHITE	85/1B	2200	12000hr	80%	
	TC-T (TC-TEL)	FSM	42	L159 x W56	G24d-4	4000	COOL WHITE	85/1B	3200	12000hr	80%	
	TC-T (TC-TEL)	FSM	42	L159 x W56	G24d-4	3500	WHITE	85/1B	3200	12000hr	80%	
	COMPACT FLUORESCENT L TYPE											
	TC-L	FSD	18	L217 x W38	2G11	4000	COOL WHITE	85/1B	1250	10000hr	80%	
	TC-L	FSD	18	L217 x W38	2G11	3500	WHITE	85/1B	1250	10000hr	80%	
	TC-L	FSD	18	L217 x W38	2G11	3000	WARM WHITE	85/1B	1250	10000hr	80%	
	TC-L	FSD	24	L317 x W38	2G11	4000	COOL WHITE	85/1B	1800	10000hr	80%	
	TC-L	FSD	24	L317 x W38	2G11	3500	WHITE	85/1B	1800	10000hr	80%	
	TC-L	FSD	36	L411 x W38	2G11	4000	COOL WHITE	85/1B	2900	10000hr	80%	
	TC-L	FSD	36	L411 x W38	2G11	3500	WHITE	85/1B	2900	10000hr	80%	
	TC-L	FSD	36	L411 x W38	2G11	3000	WARM WHITE	85/1B	2900	10000hr	80%	
	TC-L	FSD	40	L533 x W38	2G11	4000	COOL WHITE	85/1B	3500	10000hr	80%	
	TC-L	FSD	40	L533 x W38	2G11	3500	WHITE	85/1B	3500	10000hr	80%	
	TC-L	FSD	40	L533 x W38	2G11	3000	WARM WHITE	85/1B	3500	10000hr	80%	
	TC-L	FSD	55	L533 x W38	2G11	4000	COOL WHITE	85/1B	4850	10000hr	80%	
	TC-L	FSD	55	L533 x W38	2G11	3500	WHITE	85/1B	4580	10000hr	80%	
	TC-L	FSD	55	L533 x W38	2G11	3000	WARM WHITE	85/1B	4580	10000hr	80%	

Lamp Data

Discharge lamps

	DESIGNATIONS	ILCOS	WATTS (w)	DIMENSIONS (mm)	LAMP CAP	COLOUR TEMP (K)	OPERATING POSITION	CRI/GROUP	INITIAL LUMENS (lm)	RATED LIFE HOURS	LUMEN MAINTENANCE	
	METAL HALIDE ELLIPTICAL COATED											
		HQI-E (HIE)	ME	100	Dia 54 x L138	E27	3200	UNIVERSAL	70/2A	8000	7500hr	60%
		HQI-E (HIE)	ME	250	Dia 90 x L226	E40	5200	UNIVERSAL	90/1A	19000	15000hr	70%
		HQI-E (HIE)	ME	250	Dia 90 x L215	E40	3700	BASE UP ± 90°	70/2A	18000	10000hr	63%
		HQI-E (HIE)	ME	250	Dia 90 x L215	E40	3700	BASE UP ± 90°	70/2A	18000	10000hr	61%
		HQI-E (HIE)	ME	400	Dia 120 x L296	E40	3700	BASE UP ± 90°	70/2A	36000	15000hr	63%
		HQI-E (HIE)	ME	400	Dia 120 x L290	E40	5900	UNIVERSAL	90/1A	31000	15000hr	63%
		HQI-E (HIE)	ME	400	Dia 120 x L290	E40	3800	UNIVERSAL	65/2B	43000	15000hr	63%
		HQI-E (HIE)	ME	400	Dia 120 x L296	E40	3700	BASE UP ± 15°	70/2A	38000	20000hr	60%
	METAL HALIDE TUBULAR CLEAR											
		HQI-T (HIT)	MT	250	Dia 46 x L225	E40	4200	BASE UP ± 90°	70/2A	21000	10000hr	62%
	HQI-T (HIT)	MT	400	Dia 46 x L285	E40	4200	BASE UP ± 90°	70/2A	35000	15000hr	62%	
	METAL HALIDE SINGLE ENDED											
		HQI-T (HIT)	MT	70	Dia 25 x L85	G12	4200	UNIVERSAL	85/1B	5500	9000hr	79%
	HQI-T (HIT)	MT	150	Dia 25 x L85	G12	4200	UNIVERSAL	85/1B	12500	9000hr	79%	
	METAL HALIDE SINGLE ENDED CERAMIC											
		CDM-T (HIT-CE)	MT	70	W20 x L100	G12	3000	UNIVERSAL	83/1B	6300	9000hr	65%
	CDM-T (HIT-CE)	MT	150	W20 x L110	G12	3000	UNIVERSAL	85/1B	13500	9000hr	65%	
	METAL HALIDE SINGLE ENDED CERAMIC CAPSULE											
		CDM-TC (HIT-TC-CE)	MT	35	W14 x L85	G8.5	3000	UNIVERSAL	81/1B	3300	10000hr	65%
	CDM-TC (HIT-TC-CE)	MT	70	W14 x L85	G8.5	3000	UNIVERSAL	83/1B	6400	10000hr	65%	
	METAL HALIDE TUBULAR DOUBLE ENDED											
		HQI-TS (HIT-DE)	MT	70	Dia 20 x L114	RX7s	4200	HORIZONTAL ± 45°	70/2A	5500	9000hr	79%
	HQI-TS (HIT-DE)	MT	150	Dia 23 x L132	RX7s-24	4200	HORIZONTAL ± 45°	70/2A	11250	9000hr	79%	
	METAL HALIDE DOUBLE ENDED CERAMIC											
		CDMT-TD (HIT-DE-CE)	MT	70	W21 x L118	RX7s	3000	HORIZONTAL ± 45°	80/1B	6300	9000hr	65%
	CDMT-TD (HIT-DE-CE)	MT	150	W24 x L135	RX7s-24	3000	HORIZONTAL ± 45°	85/1B	13500	9000hr	65%	
	HIGH PRESSURE SODIUM ELLIPTICAL COATED											
		SON (HSE)	SE	50	Dia 70 x L156	E27	2000	UNIVERSAL	23/4	3500	20000hr	60%
		SON (HSE)	SE	50	Dia 70 x L156	E27	2000	UNIVERSAL	23/4	3500	20000hr	60%
		SON (HSE)	SE	70	Dia 70 x L156	E27	2000	UNIVERSAL	23/4	5600	20000hr	60%
		SON (HSE)	SE	70	Dia 70 x L156	E27	2000	UNIVERSAL	23/4	5600	20000hr	60%
		SON (HSE)	SE	150	Dia 90 x L226	E40	2000	UNIVERSAL	23/4	15000	20000hr	65%
		SON (HSE)	SE	250	Dia 90 x L226	E40	2000	UNIVERSAL	23/4	27000	20000hr	65%
		SON (HSE)	SE	400	Dia 120 x L290	E40	2000	UNIVERSAL	23/4	48000	20000hr	65%
	HIGH PRESSURE SODIUM TUBULAR CLEAR											
		SON-T (HST)	ST	70	Dia 38 x L156	E27	2000	UNIVERSAL	23/4	5900	20000hr	65%
		SON-T (HST)	ST	150	Dia 48 x L211	E40	2000	UNIVERSAL	23/4	15000	26000hr	65%
		SON-T (HST)	ST	250	Dia 48 x L257	E40	2000	UNIVERSAL	23/4	27500	26000hr	65%
	SON-T (HST)	ST	400	Dia 48 x L285	E40	2000	UNIVERSAL	23/4	49000	26000hr	65%	
	MERCURY DISCHARGE DELUXE ELLIPTICAL COATED											
		MBFU (HME)	QE	50	Dia 56 x L129	E27	3500	UNIVERSAL	57/3	2000	24000hr	55%
		MBFU (HME)	QE	80	Dia 71 x L156	E27	3500	UNIVERSAL	56/3	4000	24000hr	55%
		MBFU (HME)	QE	125	Dia 76 x L177	E27	3500	UNIVERSAL	55/3	6500	24000hr	55%
		MBFU (HME)	QE	250	Dia 91 x L227	E40	3500	UNIVERSAL	52/3	14000	24000hr	55%
	MBFU (HME)	QE	400	Dia 122 x L290	E40	3500	UNIVERSAL	50/3	24000	24000hr	55%	

Tungsten Halogen lamps

	DESIGNATIONS	ILCOS	WATTS (w)	DIMENSIONS (mm)	LAMP CAP	COLOUR TEMP (K)	BEAM ANGLE	CRI/GROUP	INITIAL LUMENS (lm)	RATED LIFE HOURS	
	TUNGSTEN HALOGEN LOW VOLTAGE CAPSULE										
		QT-LP12	HSG	20	Dia 9 x L33	G4	2850		1A	350	2000hr
	TUNGSTEN HALOGEN LOW VOLTAGE DICHROIC										
		QR-CBC51	HRGI	20	Dia 51 x L49	GU5.3	3100	38° FLOOD	1A	700	5000hr
		QR-CBC51	HRGI	35	Dia 51 x L49	GU5.3	3100	38° FLOOD	1A	1500	5000hr
		QR-CBC51	HRGI	50	Dia 51 x L49	GU5.3	3100	10° NARROW SPOT	1A	10000	5000hr
		QR-CBC51	HRGI	50	Dia 51 x L49	GU5.3	3100	24° MEDIUM SPOT	1A	4000	5000hr
		QR-CBC51	HRGI	50	Dia 51 x L49	GU5.3	3100	38° FLOOD	1A	2000	5000hr
	TUNGSTEN HALOGEN LOW VOLTAGE COLOUR PRO DICHROIC										
		QR-CBC51	HRGI	50	Dia 51 x L49	GU5.3	3100	10° NARROW SPOT	1A	10000	5000hr
		QR-CBC51	HRGI	50	Dia 51 x L49	GU5.3	3100	38° FLOOD	1A	2000	5000hr
		QR-CBC51	HRGI	50	Dia 51 x L49	GU5.3	3100	40° WIDE FLOOD	1A	1050	5000hr