














LAMP TABLE

Colour Temperature A descriptive term for the appearance of light expressed in Kelvin.
 Warm Light < 3300K
 Intermediate Light 3300 – 5300K
 Cool Light > 5300K

Colour Rendering Index (Ra) A measure of the light source’s ability to render the colours of objects as similar to those under a reference light source.

Ra	Group	Typical Application
90-100	1A	Where accurate colour rendering is required (Colour matching)
80-89	1B	Where good colour rendering is required (Accurate colour judgements)
70-79	2A	Where moderate to good colour rendering is required
60-69	2B	Where moderate colour rendering is required
40-59	3	Where colour rendering is of little significance but marked distortion of colour is unacceptable
20-39	4	Where colour rendering is unimportant

		Lamp Wattage	Lamp Cap	Initial Lumens (IL)	Efficacy lm/W	Lamp Life	Colour Temp. (°K)	Colour Rendering (Ra)	
illumaled	M/M MR4 WW	4 (350mA)	–	280	70	50000	3000	95	
	M/M MR4 NW	4 (350mA)	–	310	77	50000	4000	80	
	M/M MR4 WW	8 (700mA)	–	540	70	50000	3000	95	
	M/M MR4 NW	8 (700mA)	–	620	77	50000	4000	80	
	M/M AR9 WW	18 (700mA)	–	1260	70	50000	3000	95	
	M/M AR9 NW	18 (700mA)	–	1400	77	50000	4000	80	
12V Xenon Capsule	Capsule	5	Wedge	33	7	15000	2800	100	
		10	Wedge	100	10	20000	2800	100	
Incandescent	R80	60	E27	700	12	1000	2700	100	
		75	E27	915	12	1000	2700	100	
		100	E27	1330	13	1000	2700	100	
	PAR 16 (GU10)	50	GU10	525	11	2000	2800	100	
		PAR 20	50	E27	630	13	2000	2900	100
	PAR 30		75	E27	1050	14	2500	2900	100
				100	E27	1550	16	2500	2900
	K11	200	R7s-15	3000	15	2000	2880	100	
		K9	300	R7s-15	4800	16	2000	2900	100
	Ceramic Metal Halide	CDM-T	35	G12	3300	94	9000	3000	83
70			G12	6600	94	9000	3000	83	
150			G12	14000	93	9000	3000	83	
CDM-TC		20	G8.5	1700	85	6000	3000	81	
		35	G8.5	3300	94	9000	3000	84	
		70	G8.5	6600	94	9000	3000	84	
CDM-TD		70	Rx7s	6300	90	12000	3000	85	
		150	Rx7s-24	13000	87	12000	3000	85	
CDM-Tm		20	PGJ5	1650	83	8000	3000	85	
CDM-TP		150	PGX12-2	13000	87	6000	3000	85	
		150	PGX12-2	12000	80	6000	4200	95	
CDM-R111		20	GX8.5	1700	85	6000	3000	85	
		35	GX8.5	3300	94	6000	3000	81	
		70	GX8.5	6600	94	6000	3000	84	
		ES50	35	GX10	3300	94	6000	3000	90
White SON		SDW-TG	100	GX12-1	4900	49	10000	2550	83

LV Tungsten Halogen 12V		MR11	20	GU4	630	32	2000	3100	100	
			35	GU4	1000	29	2000	3100	100	
		MR16	20	GX/GU5.3	320	16	3000	3000	100	
			35	GX/GU5.3	630	18	3000	3000	100	
		AR111	50	GX/GU5.3	1000	20	3000	3000	100	
			35	G53	600	17	3000	3000	100	
			50	G53	930	19	3000	3000	100	
			75	G53	1350	18	3000	3000	100	
		Capsule	10	G4	100	10	2000	2900	100	
			20	G4	260	13	2000	2900	100	
Compact Fluorescent		TC-SEL	7	2G7	400	57	10000	2700	85	
			7	2G7	400	57	10000	4000	85	
			9	2G7	600	67	10000	2700	85	
			9	2G7	600	67	10000	4000	85	
			11	2G7	900	82	10000	2700	85	
			11	2G7	900	82	10000	4000	85	
		TC-DEL	10	G24d-1	600	60	10000	2700/3000/3500/4000	85	
			13	G24d-1	900	69	10000	2700/3000/3500/4000	85	
			18	G24d-2	1200	67	10000	2700/3000/3500/4000	85	
			26	G24d-3	1800	69	10000	2700/3000/3500/4000	85	
		TC-TEL	18	GX4d-2	1200	67	10000	2700/3000/3500/4000	85	
			26	GX4d-3	1800	69	10000	2700/3000/3500/4000	85	
			32	GX4d-3	2400	75	10000	2700/3000/3500/4000	85	
			42	GX4d-4	3200	76	10000	2700/3000/3500/4000	85	
		TC-L	18	2G11	1200	67	10000	2700/3000/3500/4000/6000	85	
			24	2G11	1800	75	10000	2700/3000/3500/4000/6000	85	
			36	2G11	2900	81	10000	2700/3000/3500/4000/6000	85	
			40	2G11	3500	88	10000	2700/3000/3500/4000/6000	85	
			55	2G11	4800	87	10000	2700/3000/3500/4000/6000	85	
		TC-F	36	2G10	2800	78	10000	2700/3000/4000	85	
		TC-DD	16	GR8	1050	66	10000	2700/3000/6000	82	
		16	GR10q	1050	66	10000	2700/3000/4000	82		
		28	GR10q	2250	80	15000	2700/3000/4000	82		
		38	GR10q	3000	79	15000	2700/3000/4000	82		
T5 Fluorescent		T5 HO	24	G5	1700	71	20000	2700/3000/4000	85	
			24	G5	1570	66	20000	6000	85	
			39	G5	3220	83	20000	2700/3000/4000	85	
			39	G5	2990	77	20000	6000	85	
			49	G5	4165	85	20000	2700/3000/4000	85	
			49	G5	3950	81	20000	6000	85	
			54	G5	4450	83	20000	2700/3000/4000	85	
			54	G5	4050	75	20000	6000	85	
			80	G5	6150	77	20000	2700/3000/4000	85	
			80	G5	5700	71	20000	6000	85	
			T5 HE	14	G5	1230	88	20000	2700/3000/4000	85
				14	G5	1140	82	20000	6000	85
				21	G5	1910	91	20000	2700/3000/4000	85
				21	G5	1775	85	20000	6000	85
			28	G5	2640	94	20000	2700/3000/4000	85	
			28	G5	2460	88	20000	6000	85	
			35	G5	3300	94	20000	2700/3000/4000	85	
			35	G5	3095	89	20000	6000	85	
		T5	6	G5	280	47	10000	3000/3500	53	
			6	G5	280	47	10000	4300	64	
			6	G5	240	40	10000	6500	76	
			8	G5	400	50	10000	3000/3500	53	
			8	G5	400	50	10000	4300	64	
			8	G5	340	43	10000	6500	76	
			13	G5	880	68	10000	3000/3500	53	
			13	G5	880	68	10000	4300	64	
		13	G5	750	58	10000	6500	75		