

lamps fluorescent

Standard Lamps

T5 Linear Fluorescent - Ra85

Wattage	Nominal Length	Cap	Initial Lumens @25C 2700K, 3000K, 3500K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
14W HE	549	G5	1250	24000	19000
21W HE	849	G5	1920	24000	19000
24W HO	549	G5	1750	24000	19000
28W HE	1149	G5	2625	24000	19000
35W HE	1449	G5	3325	24000	19000
39W HO	849	G5	3100	24000	19000
49W HO	1449	G5	4375	24000	19000
54W HO	1149	G5	4450	24000	19000
80W HO	1449	G5	6550	24000	19000

Philips - MASTER TL5

Also available in 6500K (initial lumens are lower)

T5 ECO Linear Fluorescent - Ra85

Wattage	Nominal Length	Cap	Initial Lumens @25C 3000K, 3500K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
13W HE	549	G5	1150	25000	21000
19W HE	849	G5	1800	25000	21000
20W HO	549	G5	1650	25000	21000
25W HE	1149	G5	2600	25000	21000
32W HE	1449	G5	3100	25000	21000
34W HO	849	G5	3250	25000	21000
45W HO	1449	G5	4100	25000	21000
50W HO	1149	G5	4450	25000	21000
73W HO	1449	G5	6550	25000	21000

Philips - MASTER TL5 Eco

Not all colour temp available
Also available in 6500K (initial lumens are lower)

T8 Triphosphor Linear Fluorescent - Ra85

Wattage	Nominal Length	Cap	Electronic Ballast - Preheat		
			Initial Lumens @25C 2700K, 3000K, 3500K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
36W	1199	G13	3350	20000	17000
58W	1500	G13	5240	20000	17000
70W	1764	G13	6200	20000	17000

Philips - MASTER TL-D Super 80

Philips - MASTER TL-D Xtra
Also available in 6500K (initial lumens are lower)

TC-L Compact - Ra80/Ra82 (dependent on colour temperature)

Wattage	Nominal Length	Cap	Electronic Ballast - Preheat		
			Initial Lumens @25C 3000K, 3500K, 4000K, 6500K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
36W	410	2G11	2900	20000	14000
40W	535	2G11	3500	20000	14000
55W	535	2G11	4800	20000	14000

Philips - MASTER PL-L 4 Pin

Not all colour temp available

TC-D Compact 4 Pin - Ra82

Wattage	Nominal Length	Cap	Electronic Ballast - Preheat		
			Initial Lumens @25C 2700K, 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
13W	131	G24q-1	900	13000	8000
18W	143	G24q-2	1200	13000	8000
26W	164	G24q-3	1800	13000	8000

Philips - MASTER PL-C 4 Pin

Long Life Lamps

T5 Linear Fluorescent Long Life - Ra85

Initial Lumens @ 25C 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
4375	45000	30000
4450	45000	30000
6240	45000	30000

Philips - MASTER TL5 High Output Xtra

T8 Triphosphor Linear Fluorescent Long Life - Ra85

Electronic Ballast - Preheat		
Initial Lumens @ 25C 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
3350	55000	46500
5200	55000	46500
6150	55000	46500

4000K only for 70W
Also available in 6500K (initial lumens are lower)

TC-L Compact Long Life - Ra80/Ra82 (dependent on colour temperature)

Electronic Ballast - Preheat		
Initial Lumens @ 25C 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
2900	36000	25000
3500	36000	25000
4800	36000	25000

4000K only for 40W
Philips - MASTER PL-L Xtra 4 Pin

TC-D Compact 4 Pin Long Life - Ra82

Electronic Ballast - Preheat		
Initial Lumens @ 25C 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
1200	33000	22000
1800	33000	22000

Philips - MASTER PL-C Xtra 4 Pin

Ra>90 Lamps

T5 Linear Fluorescent - Ra91-93 (dependent on colour temperature)

Initial Lumens @ 25C 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
1400	24000	19000
3700	24000	19000
3800	24000	19000

Philips - MASTER TL5 High Output 90 De Luxe
Also available in 6800K

T8 Triphosphor Linear Fluorescent - Ra91-93 (dependant on colour temperature)

Electronic Ballast - Preheat		
Initial Lumens @ 25C 3000K, 4000K, 53000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
2800	20000	17000
4600	20000	17000

Philips - MASTER TL-D 90 De Luxe
Also available in 6500K (initial lumens are lower)

TC-L Compact - Ra90

Electronic Ballast - Preheat		
Initial Lumens @ 25C 3000K, 5300K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
2350	20000	14000
3650	20000	14000

Philips - MASTER PL-L 90 De Luxe 4 Pin

lamps fluorescent

Standard Lamps

PLR-ECO - Ra82

Wattage	Nominal Length	Cap	Electronic Ballast - Preheat		
			Initial Lumens @25C 3000K & 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
14W	100	GR14q-1	1050	24000	19000
17W	122	GR14q-1	1250	24000	19000

Philips - MASTER PL-R Eco 4 Pin

TC-T Compact - Ra82

Wattage	Nominal Length	Cap	Electronic Ballast - Preheat		
			Initial Lumens @25C 2700K, 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
18W	112	GX24q-2	1200	13000	8000
26W	127	GX24q-3	1800	13000	8000
32W	139	GX24q-3	2400	13000	8000
42W	161	GX24q-4	3200	13000	8000
57W	198	GX24q-5	4300	13000	8000

Philips - MASTER PL-T 4 Pin

TC-S Compact - Ra82

Wattage	Nominal Length	Cap	Electronic Ballast - Preheat		
			Initial Lumens @25C 2700K, 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
5W	89	2G7	250	13000	8000
7W	119	2G7	400	13000	8000
11W	280	2G7	900	13000	8000

Philips - MASTER PL-S 4 Pin

T5 Circular - Ra85

Wattage	Nominal Length	Cap			
			Initial Lumens @25C 3000K, 4000K	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
40W	305	2GX13	3300	12000	8000
55W	305	2GX13	4200	12000	8000
60W	379	2GX13	5000	12000	8000

Philips - MASTER TL5 Circular

2D T5 Compact Square - Ra82

Wattage	Nominal Length	Cap		
			Initial Lumens @25C 2700K, 3000K	Rated Life
28W	204	GR10q-4	2150	21000
38W	204	GR10q-4	3020	21000
55W	206	GR10q-4	3900	8050

GE 2D® watt-miser - 28W, 38W and Biax (2D) - 55W
*3K only

Long Life Lamps

TC-T Compact Long Life - Ra82

Initial Lumens @25C 3000K, 4000K	Electronic Ballast - Preheat	
	Life to 50% Fail 3H cycle	Life to 10% Fail 3H cycle
2300	33000	20000
3200	33000	20000
4300	33000	20000

Philips - MASTER PL-T Xtra 4 Pin

lamps HID and tungsten halogen

Standard Lamps

HQI-E Master HPI Plus

Wattage	Nominal Length	Cap
70W	156	E27
100W	186	E40
150W	227	E40
250W	226	E40
400W	284	E40

Philips - MASTER City White CDO-ET Plus (70W, 100W, 150W) & MASTER HPI Plus (250 & 400W)

Initial Lumens @25C 2800K, 2900K	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
7230	2900	87	16000	12000
9400	2890	87	18000	14000
15100	2830	85	18000	14000
18000	4500*	69	20000	11000
32500	4500	69	20000	11000

*Also available in 6700K

HQI-T/CDO-TT

Nominal Length	Cap	Lumens @ 25C	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
156	E27	7500	2800	90	16000	12000
211	E40	16500	2800	87	18000	14000
257	E40	28300	3000	88	18000	12000
286	E40	32000	4500	65	20000	11000

Philips - MASTER City White CDO- TT (150W & 250W) & MASTER HPI-T Plus (400W)

HQI-TS

Wattage	Nominal Length	Cap
70W	118	R7s
150W	135	R7s

GE Arcstream® double ended UVC

Luminous Flux	Colour Temp (K)	Colour Rendering	Rated Life
5500	4200	70	6000
12000	4200	70	6000

*Also available in 3000K

CDM-TD Double Ended

Wattage	Nominal Length	Cap
70W	120	RX7s
150W	138	RX7s

Philips - MASTER Colour CDM-TD

Luminous Flux	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
6000	4200	92	16000	15000
14200	4200	92	16000	15000

Also available in 3000K

CDM-T

Wattage	Nominal Length	Cap
35W	103	G12
70W	103	G12
150W	110	G12

Philips - MASTER Colour CDM-T

Luminous Flux	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
3300	4200	84	12000	10000
6600	4200	92	12000	10000
12700	4200	96	12000	10000

Also available in 3000K

CDM-Tm Mini

Wattage	Nominal Length	Cap
20W	52	PGJ5
35W	52	PGJ5

Philips - MASTER Colour CDM-Tm Mini

Luminous Flux	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
1650	3000	85	12000	11000
3000	3000	90	12000	11000

SON-E

Wattage	Nominal Length	Cap
70W	156	E27
150W	227	E40

Philips - SON (70W) & SON Comfort (150W)

Luminous Flux	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
5810	2000	25	28000	19000
12500	2150	65	24000	16000

SON-T

Wattage	Nominal Length	Cap
50W	156	E27
70W	156	E27
150W	210	E40
250W	257	E40
400W	283	E40

Philips - MASTER SON-T PIA Plus

Luminous Flux	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
4400	2000	25	30000	22000
6600	2000	25	30000	22000
18000	2000	25	36000	26000
33300	2000	25	36000	26000
56500	2000	25	36000	26000

SDW-T (White SON)

Wattage	Nominal Length	Cap
100W	149	PG12-1

Philips - MASTER SDW-T

Luminous Flux	Colour Temp (K)	Colour Rendering	Life to 50% Fail	Life to 20% Fail
5000	2500	83	15000	10000

240V Halogen

Wattage	Nominal Length	Cap
70W	105	E27

Osram - Halolux Ceram Eco

Luminous Flux	Colour Temp (K)	Colour Rendering	Life
1180	2800	100	2000

Tungsten Halogen Double Ended

Wattage	Nominal Length	Cap
330W	119	R7s

GE - Halogen Linear

Luminous Flux	Colour Temp (K)	Colour Rendering	Life
7000	3000	100	1000