



| Lamp Data | Independent Lamp Code | Osram Code | Lamp RATING | Lamp colour designation | Lamp Shape | Lamp Base | LIGHT OUTPUT (initial) | End of life; % OUTPUT | Rated average LIFE | Supply Voltage | POWER with ballast/transformer | Lamp starting current | Lamp running current | LINE STARTING CURRENT | LINE RUNNING CURRENT | PFC CAPACITOR [+,-10%, at 50Hz] | RE-STRIKE TIME (hot) | COLOUR TEMP. (correlated) | COLOUR RENDERING | |
|---------------------|-----------------------|---------------|----------------|-------------------------|------------|-----------|------------------------|-----------------------|--------------------|----------------|--------------------------------|-----------------------|----------------------|-----------------------|----------------------|---------------------------------|----------------------|---------------------------|------------------|------|
| COMPACT FLUORESCENT | TC 7 | DULUX S 7W | 7W | 21-840 | Single | G 23 | 400 lm | 85% | 12 000 h | 230V | 11W | 0.18A | 0.18A | 0.05A | 0.05A | 2µF | instant | 4000K | Ra80 | |
| | TC-E 7 | DULUX S/E 7W | 7W | 21-840 | Single | 2 G 7 | 400 lm | 85% | 12 000 h | 230V | 11W | 0.18A | 0.18A | 0.05A | 0.05A | 2µF | instant | 4000K | Ra80 | |
| | TC 9 | DULUX S 9W | 9W | 21-840 | Single | G 23 | 600 lm | 85% | 12 000 h | 230V | 13W | 0.17A | 0.17A | 0.06A | 0.06A | 2µF | instant | 4000K | Ra80 | |
| | TC-E 9 | DULUX S/E 9W | 9W | 21-840 | Single | 2 G 7 | 600 lm | 85% | 12 000 h | 230V | 12W | 0.17A | 0.17A | 0.06A | 0.06A | 2µF | instant | 4000K | Ra80 | |
| | TC-D 10 | DULUX D 10W | 10W | 21-840 | Double | G 24 d-1 | 600 lm | 85% | 12 000 h | 230V | 15W | 0.19A | 0.19A | 0.07A | 0.07A | 2µF | instant | 4000K | Ra80 | |
| | TC-DEL 10 | DULUX D/E 10W | 10W | 21-840 | Double | G 24 q-1 | 600 lm | 85% | 12 000 h | 230V | 12W | 0.19A | 0.19A | 0.07A | 0.07A | 2µF | instant | 4000K | Ra80 | |
| | TC-D 13 | DULUX D 13W | 13W | 21-840 | Double | G 24 d-1 | 900 lm | 85% | 12 000 h | 230V | 17W | 0.165A | 0.165A | 0.08A | 0.08A | 2µF | instant | 4000K | Ra80 | |
| | TC-DEL 13 | DULUX D/E 13W | 13W | 21-840 | Double | G 24 q-1 | 900 lm | 85% | 12 000 h | 230V | 14W | 0.165A | 0.165A | 0.08A | 0.08A | 2µF | instant | 4000K | Ra80 | |
| | TC-D 18 | DULUX D 18W | 18W | 21-840 | Double | G 24 d-2 | 1200 lm | 85% | 12 000 h | 230V | 23W | 0.22A | 0.22A | 0.11A | 0.11A | 2µF | instant | 4000K | Ra80 | |
| | TC-DEL 18 | DULUX D/E 18W | 18W | 21-840 | Double | G 24 q-2 | 1200 lm | 85% | 12 000 h | 230V | 20W | 0.22A | 0.22A | 0.11A | 0.11A | 2µF | instant | 4000K | Ra80 | |
| | TC-T 18 | DULUX T 18W | 18W | 21-840 | Triple | GX 24 d-2 | 1200 lm | 85% | 12 000 h | 230V | 23W | 0.225A | 0.225A | 0.11A | 0.11A | 2µF | instant | 4000K | Ra80 | |
| | TC-TE 18 | DULUX T/E 18W | 18W | 21-840 | Triple | GX 24 q-2 | 1200 lm | 85% | 12 000 h | 230V | 20W | 0.22A | 0.22A | 0.11A | 0.11A | 2µF | instant | 4000K | Ra80 | |
| | TC-L 24 | DULUX L 24W | 24W | 21-840 | Single | 2 G 11 | 1800 lm | 85% | 12 000 h | 230V | 30W | 0.35A | 0.35A | 0.14A | 0.14A | 3µF | instant | 4000K | Ra80 | |
| | TC-F 24 | DULUX F 24W | 24W | 21-840 | Flat | 2 G 10 | 1700 lm | 85% | 12 000 h | 230V | 29W | 0.35A | 0.35A | 0.14A | 0.14A | 3µF | instant | 4000K | Ra80 | |
| | TC-D 26 | DULUX D 26W | 26W | 21-840 | Double | G 24 d-3 | 1800 lm | 85% | 12 000 h | 230V | 31W | 0.33A | 0.33A | 0.15A | 0.15A | 3µF | instant | 4000K | Ra80 | |
| | TC-DEL 26 | DULUX D/E 26W | 26W | 21-840 | Double | G 24 q-3 | 1800 lm | 85% | 12 000 h | 230V | 28W | 0.33A | 0.33A | 0.15A | 0.15A | 3µF | instant | 4000K | Ra80 | |
| | TC-T 26 | DULUX T 26W | 26W | 21-840 | Triple | GX 24 d-3 | 1800 lm | 85% | 12 000 h | 230V | 31W | 0.33A | 0.33A | 0.15A | 0.15A | 3µF | instant | 4000K | Ra80 | |
| | TC-TE 26 | DULUX T/E 26W | 26W | 21-840 | Triple | GX 24 q-3 | 1800 lm | 85% | 12 000 h | 230V | 28W | 0.33A | 0.33A | 0.15A | 0.15A | 3µF | instant | 4000K | Ra80 | |
| | TC-TE 32 | DULUX T/E 32W | 32W | 21-840 | Triple | GX 24 q-3 | 2400 lm | 85% | 12 000 h | 230V | 35W | 0.43A | 0.43A | 0.20A | 0.20A | 3µF | instant | 4000K | Ra80 | |
| | TC-F 36 | DULUX F 36W | 36W | 21-840 | Flat | 2 G 10 | 2800 lm | 85% | 12 000 h | 230V | 43W | 0.44A | 0.44A | 0.22A | 0.22A | 4.5µF | instant | 4000K | Ra80 | |
| | TC-L 36 | DULUX L 36W | 36W | 21-840 | Single | 2 G 11 | 2900 lm | 85% | 12 000 h | 230V | 43W | 0.44A | 0.44A | 0.22A | 0.22A | 4.5µF | instant | 4000K | Ra80 | |
| | TC-TE 42 | DULUX T/E 42W | 42W | 21-840 | Triple | GX 24 q-4 | 3200 lm | 85% | 12 000 h | 230V | 46W | 0.42A | 0.42A | 0.22A | 0.22A | 5.5µF | instant | 4000K | Ra80 | |
| | TC-L 55 | DULUX L 55W | 55W | 21-840 | Single | 2 G 11 | 4800 lm | 85% | 12 000 h | 230V | 62W | 0.56A | 0.56A | 0.29A | 0.29A | 5.5µF | instant | 4000K | Ra80 | |
| | LINEAR FLUORESCENT | T-26/18W | L 18W/20 | 18W | 20 | Linear | G13 | 1150 lm | 70% | 13 000 h | 230V | 30W | 0.37A | 0.37A | 0.15A | 0.15A | 2.5µF | instant | 4000K | Ra69 |
| | | T-26/36W | L 36W/20 | 36W | 20 | Linear | G13 | 2850 lm | 70% | 13 000 h | 230V | 46W | 0.43A | 0.43A | 0.24A | 0.24A | 4.5µF | instant | 4000K | Ra69 |
| | | T-26/58W | L 58W/20 | 58W | 20 | Linear | G13 | 4600 lm | 70% | 13 000 h | 230V | 71W | 0.67A | 0.67A | 0.36A | 0.36A | 7µF | instant | 4000K | Ra69 |
| | | T-16/54W | FQ 54 W/840 HO | 54W | 840 | Linear | G5 | 4450 lm | 92% | 20 000 h | 230V | 61W | 0.455A | 0.445A | 0.28A | 0.28A | - | instant | 4000K | Ra89 |
| | | T-16/80W | FQ 80 W/840 HO | 80W | 840 | Linear | G5 | 6150 lm | 92% | 20 000 h | 230V | 85W | 0.530A | 0.530A | 0.37A | 0.37A | - | instant | 4000K | Ra89 |
| | HALOGEN | QR-CBC 51 | 44860 SP | 20W | | Dichroic | GU 5.3 | 320 lm | 100% | 2 000 h | 230V | 23W | - | - | - | - | - | instant | 3100K | Ra99 |
| | | QR-CBC 51 | 44865 SP | 35W | | Dichroic | GU 5.3 | 640 lm | 100% | 2 000 h | 230V | 38W | - | - | - | - | - | instant | 3100K | Ra99 |
| | | QR-CBC 51 | 44870 SP | 50W | | Dichroic | GU 5.3 | 990 lm | 100% | 2 000 h | 230V | 53W | - | - | - | - | - | instant | 3100K | Ra99 |
| | | QT12 | 64440S | 50W | | Capsule | GY 6.35 | 930 lm | 100% | 2 000 h | 230V | 53W | - | - | - | - | - | instant | 3100K | Ra99 |
| QT12 | | 64458S | 90W | | Capsule | GY 6.35 | 1800 lm | 100% | 2 000 h | 230V | 105W | - | - | - | - | - | instant | 3100K | Ra99 | |
| QT31 | | 64474 | 75W | | Tubular | E 27 | 1100 lm | 100% | 1 500 h | 230V | - | - | - | 0.33A | 0.33A | - | instant | 3100K | Ra99 | |
| QT31 | | 64476 | 100W | | Tubular | E 27 | 1500 lm | 100% | 2 000 h | 230V | - | - | - | 0.43A | 0.43A | - | instant | 3100K | Ra99 | |
| QR111 | | 41832SP | 35W | | Par | G 53 | 9 000 cd | 100% | 2 000 h | 230V | 38W | - | - | - | - | - | instant | 3100K | Ra99 | |
| QR111 | | 41835SP | 50W | | Par | G 53 | 20 000 cd | 100% | 2 000 h | 230V | 53W | - | - | - | - | - | instant | 3100K | Ra99 | |
| QR111 | | 41840SP | 75W | | Par | G 53 | 30 000 cd | 100% | 2 000 h | 230V | 79 W | - | - | - | - | - | instant | 3100K | Ra99 | |
| QR111 | | 41850SP | 100W | | Par | G 53 | 48 000 cd | 100% | 2 000 h | 230V | - | - | - | - | - | - | instant | 3100K | Ra99 | |
| QT-DE 12 | | 64688 | 60W | | Linear | R 7s | 840 lm | 100% | 2 000 h | 230V | - | - | - | 0.26A | 0.26A | - | instant | 2950K | Ra99 | |
| QT-DE 12 | | 64690 | 100W | | Linear | R 7s | 1650 lm | 100% | 2 000 h | 230V | - | - | - | 0.43A | 0.43A | - | instant | 2950K | Ra99 | |
| QT-DE 12 | | 64695 | 150W | | Linear | R 7s | 2600 lm | 100% | 2 000 h | 230V | - | - | - | 0.65A | 0.65A | - | instant | 2950K | Ra99 | |
| QT-DE 12 | | 64698 | 200W | | Linear | R 7s | 3200 lm | 100% | 2 000 h | 230V | - | - | - | 0.87A | 0.87A | - | instant | 2950K | Ra99 | |



| Lamp Data | Independent Lamp Code | Osram Code | Lamp RATING | Lamp colour designation | Lamp Shape | Lamp Base | LIGHT OUTPUT (initial) | End of life; % OUTPUT | Rated average LIFE | Supply Voltage | POWER with ballast/transformer | Lamp starting current | Lamp running current | LINE STARTING CURRENT | LINE RUNNING CURRENT | PFC CAPACITOR [+/-10%, at 50Hz] | RE-STRIKE TIME (hot) | COLOUR TEMP. (correlated) | COLOUR RENDERING | |
|----------------------|-----------------------|----------------------|-------------------|-------------------------|------------|-----------|------------------------|-----------------------|--------------------|----------------|--------------------------------|-----------------------|----------------------|-----------------------|----------------------|---------------------------------|----------------------|---------------------------|------------------|------|
| MERCURY VAPOUR | HME 50 | HQL 50 | 50W | 21 | Elliptical | E27 | 1800 lm | 75% | 16 000 h | 230V | 61W | 0.82A | 0.62A | 0.40A | 0.32A | 7µF | 4 min | 4200K | Ra40 | |
| | HME 80 | HQL 80 | 80W | 21 | Elliptical | E27 | 3800 lm | 75% | 16 000 h | 230V | 92W | 1.40A | 0.83A | 0.90A | 0.46A | 8µF | 4 min | 4100K | Ra40 | |
| | HME 125 | HQL 125 | 125W | 21 | Elliptical | E27 | 6300 lm | 75% | 16 000 h | 230V | 140W | 1.95A | 1.15A | 1.35A | 0.70A | 10µF | 4 min | 4000K | Ra40 | |
| | HME 250 | HQL 250 | 250W | 21 | Elliptical | E40 | 13 000 lm | 75% | 16 000 h | 230V | 278W | 3.7A | 2.15A | 2.60A | 1.35A | 18µF | 7 min | 3900K | Ra40 | |
| | HME 400 | HQL 400 | 400W | 21 | Elliptical | E40 | 22 000 lm | 75% | 16 000 h | 230V | 425W | 5.7A | 3.25A | 4.00A | 2.10A | 25µF | 7 min | 3800K | Ra40 | |
| HIGH PRESSURE SODIUM | HSE-I 50 | NAV- E 50/E | 50W/I | | Elliptical | E27 | 3 500 lm | 80% | 20 000 h | 230V | 60W | 0.95A | 0.78A | 0.44A | 0.32A | 10µF | 7 min | 2000K | Ra20 | |
| | HSE-I 70 | NAV- E 70/E | 70W/I | | Elliptical | E27 | 5 600 lm | 80% | 20 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.45A | 12µF | 7 min | 2000K | Ra20 | |
| | HST 70 | NAV-T 70 SUPER 4Y | 70W | | Tubular | E27 | 6500 lm | 89% | 20 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.45A | 12µF | 1 min | 2000K | Ra20 | |
| | HSE 100 | NAV-E 100 SUPER 4Y | 100W | | Elliptical | E40 | 9 500 lm | 89% | 24 000 h | 230V | 115W | 1.5A | 1.2A | 0.72A | 0.58A | 12µF | 1 min | 2000K | Ra20 | |
| | HST 100 | NAV-T 100 SUPER 4Y | 100W | | Tubular | E40 | 10 000 lm | 89% | 24 000 h | 230V | 115W | 1.5A | 1.2A | 0.72A | 0.58A | 12µF | 1 min | 2000K | Ra20 | |
| | HSE 150 | NAV- E 150 | 150W | | Elliptical | E40 | 14 000 lm | 89% | 24 000 h | 230V | 179W | 2.6A | 1.8A | 1.30A | 0.88A | 20µF | 1 min | 2000K | Ra20 | |
| | HST 150 | NAV-T 150 | 150W | | Tubular | E40 | 14 500 lm | 89% | 24 000 h | 230V | 179W | 2.6A | 1.8A | 1.30A | 0.88A | 20µF | 1 min | 2000K | Ra20 | |
| | HST 150 | NAV-T 150 SUPER 4Y | 150W | | Tubular | E40 | 17 200 lm | 89% | 24 000 h | 230V | 179W | 2.6A | 1.8A | 1.30A | 0.88A | 20µF | 1 min | 2000K | Ra20 | |
| | HSE 250 | NAV- E 250 | 250W | | Elliptical | E40 | 25 000 lm | 89% | 24 000 h | 230V | 278W | 4.0A | 3.1A | 2.10A | 1.42A | 32µF | 1 min | 2000K | Ra20 | |
| | HST 250 | NAV-T 250 | 250W | | Tubular | E40 | 27 000 lm | 89% | 24 000 h | 230V | 278W | 4.0A | 3.1A | 2.10A | 1.42A | 32µF | 1 min | 2000K | Ra20 | |
| | HST 250 | NAV-T 250 SUPER 4Y | 250W | | Tubular | E40 | 33 000 lm | 89% | 24 000 h | 230V | 278W | 4.0A | 3.1A | 2.10A | 1.42A | 32µF | 1 min | 2000K | Ra20 | |
| | HSE 400 | NAV- E 400 | 400W | | Elliptical | E40 | 47 000 lm | 89% | 24 000 h | 230V | 432W | 6.4A | 4.5A | 3.80A | 2.20A | 45µF | 1 min | 2000K | Ra20 | |
| | HST 400 | NAV-T 400 | 400W | | Tubular | E40 | 48 000 lm | 89% | 24 000 h | 230V | 432W | 6.4A | 4.5A | 3.80A | 2.20A | 45µF | 1 min | 2000K | Ra20 | |
| | HST 400 | NAV-T 400 SUPER 4Y | 400W | | Tubular | E40 | 55 000 lm | 89% | 24 000 h | 230V | 432W | 6.4A | 4.5A | 3.80A | 2.20A | 45µF | 1 min | 2000K | Ra20 | |
| | HST 600 | NAV-T 600 SUPER 4Y | 600W | | Tubular | E40 | 90 000 lm | 89% | 24 000 h | 230V | 630W | 6.6A | 5.5A | 4.52A | 2.92A | 60µF | 1 min | 2000K | Ra20 | |
| | HSE 1000 | NAV- E 1000 | 1000W | | Elliptical | E40 | 128 000 lm | 80% | 20 000 h | 230V | 1075W | 13.6A | 10.4A | 8.80A | 5.50A | 100µF | 3 min | 2000K | Ra20 | |
| | HST 1000 | NAV-T 1000 | 1000W | | Tubular | E40 | 130 000 lm | 80% | 20 000 h | 230V | 1075W | 13.6A | 10.4A | 8.80A | 5.50A | 100µF | 3 min | 2000K | Ra20 | |
| | METAL HALIDE | HIT-T 35 | HCI-T 35/WDL | 35W | /WDL | Plug-in | G12 | 3300 lm | 50% | 12 000 h | 230V | 45W | 0.72A | 0.53A | 0.22A | 0.22A | 6µF | 7 min | 3000K | Ra80 |
| | | HIT-T 70 | HCI-T 70/NDL | 70W | /NDL | Plug-in | G12 | 5500 lm | 50% | 12 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.50A | 12µF | 7 min | 4200K | Ra80 |
| | | HIT-DE 70 | HQI-TS 70/NDL UVS | 70W | /NDL | Linear | RX7s | 5500 lm | 65% | 12 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.50A | 12µF | 7 min | 4000K | Ra80 |
| HIT-DE 150 | | HQI-TS 150/NDL UVS | 150W | /NDL | Linear | RX7s-24 | 12000 lm | 65% | 12 000 h | 230V | 160W | 2.40A | 1.9A | 0.86A | 0.80A | 20µF | 7 min | 4200K | Ra80 | |
| HIT-DE 70 | | HCI-TS 70/WDL | 70W | /WDL | Linear | RX7s | 6500 lm | 65% | 12 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.50A | 12µF | 7 min | 3000K | Ra80 | |
| HIT-DE 150 | | HCI-TS 150/WDL | 150W | /WDL | Linear | RX7s-24 | 14500 lm | 65% | 12 000 h | 230V | 160W | 2.40A | 1.9A | 0.86A | 0.80A | 20µF | 7 min | 3000K | Ra80 | |
| HIE 70 | | HQI-E-70/WDL CLEAR | 70W | /WDL | Elliptical | E27 | 5500 lm | 70% | 12 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.50A | 12µF | 7 min | 3200K | Ra80 | |
| HIE 100 | | HQI-E-100/WDL CLEAR | 100W | /WDL | Elliptical | E27 | 8500 lm | 70% | 12 000 h | 230V | 115W | 1.5A | 1.1A | 0.80A | 0.55A | 16µF | 7 min | 3000K | Ra80 | |
| HIE 150 | | HQI-E-150/NDL CLEAR | 150W | /NDL | Elliptical | E27 | 12500 lm | 70% | 12 000 h | 230V | 160W | 2.40A | 1.9A | 0.86A | 0.80A | 20µF | 7 min | 3000K | Ra80 | |
| HIE 70 | | HQI-E-70/WDL COATED | 70W | /WDL | Elliptical | E27 | 4900 lm | 70% | 12 000 h | 230V | 85W | 1.35A | 1.0A | 0.72A | 0.50A | 12µF | 7 min | 3100K | Ra80 | |
| HIE 100 | | HQI-E-100/WDL COATED | 100W | /WDL | Elliptical | E27 | 8000 lm | 70% | 12 000 h | 230V | 115W | 1.5A | 1.1A | 0.80A | 0.55A | 16µF | 7 min | 2900K | Ra80 | |
| HIE 150 | | HQI-E-150/NDL COATED | 150W | /WDL | Elliptical | E27 | 11600 lm | 70% | 12 000 h | 230V | 160W | 2.40A | 1.9A | 0.86A | 0.80A | 20µF | 7 min | 2900K | Ra80 | |
| HIT 250 | | HQI-T 250/D | 250W | /D | Tubular | E40 | 20 000 lm | 69% | 15 500 h | 230V | 278W | 4.2A | 3.0A | 3.00A | 1.50A | 30µF | 10 min | 5300K | Ra90 | |
| HIE 250 | | HQI-E 250/D | 250W | /D | Elliptical | E40 | 19 000 lm | 69% | 15 500 h | 230V | 278W | 4.2A | 3.0A | 3.00A | 1.50A | 30µF | 10 min | 5200K | Ra90 | |
| HIT 400 | | HQI-BT 400/D | 400W | /D | Tubular | E40 | 32 000 lm | 69% | 15 500 h | 230V | 432W | 5.8A | 4.0A | 3.80A | 2.40A | 45µF | 10 min | 5000K | Ra90 | |
| HIE 400 | | HQI-E 400/D | 400W | /D | Elliptical | E40 | 32 000 lm | 69% | 15 500 h | 230V | 432W | 5.8A | 4.0A | 3.80A | 2.40A | 45µF | 10 min | 5000K | Ra90 | |
| HIT 1000 | | HQI-T 1000/D | 1000W | /D | Tubular | E40 | 80 000 lm | 69% | 9 000 h | 400V | 1065W | 14.5A | 9.5A | 9.60A | 6.00A | 85µF | 20 min | 6000K | Ra93 | |
| HIT 2000 | | HQI-T 2000/D/I | 2000W | /D /I | Tubular | E40 | 180 000 lm | 69% | 9 000 h | 400V | 2080W | 15.8A | 10.3A | 8.00A | 5.5A | 60µF | 20 min | 6000K | Ra93 | |
| HIT 2000 | | HQI-T 2000/N | 2000W | /N | Tubular | E40 | 200 000 lm | 69% | 9 000 h | 400V | 2080W | 13.5A | 8.8A | 8.00A | 5.5A | 60µF | 20 min | 4500K | Ra60 | |
| HIT 2000 | | HQI-T 2000/N | 2000W | /N | Tubular | E40 | 205 000 lm | 69% | 9 000 h | 400V | 2080W | 13.5A | 8.8A | 8.00A | 5.5A | 60µF | 20 min | 4000 K | Ra65 | |
| HIT 2000 | | HQI-TS 2000/D/S | 1950W | /D /S | Linear | Cable | 200 000 lm | 75% | 4 000 h | 400V | 2030W | 15.8A | 11.3A | 8.00A | 5.5A | 60µF | 20 min | 5800K | Ra93 | |

/D/ using HPS ballasts

10-05-29

NOTES:

- 1) This lamp chart is only a guide.
- 2) Please refer to lamp manufacturers' and ballast manufacturers' catalogues for complete and correct details.
- 3) Users must please note that by legislation in RSA, the nominal supply voltage is 230V ± 10%. Research has proven that the maximum voltage can quite easily reach 250V for a sustained period. Using standard 230V ballasts, this degree of overvoltage will quickly result in premature failure of both lamps and ballasts.