



Energy labeling of household lamps.

How well does a lamp use electricity to produce light? Is it efficient, or is it very efficient?

This is what the Energy Label, printed on the packaging of household lamps, tells you. It makes it easier for the consumer to judge how efficient a lamp is.

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OSRAM lamps with the Energy Label.

Energy labeling of lamps for household applications.

In line with Directive 98/11/EC¹⁾ and the Energy Consumption Labeling Ordinance²⁾, lamps for household applications must have an Energy Label.

The Energy Label.

This label shows which of the seven classes of energy efficiency the household lamp has been assigned to. A stands for “very efficient” and G for “least efficient”.

Here are some sample classifications:

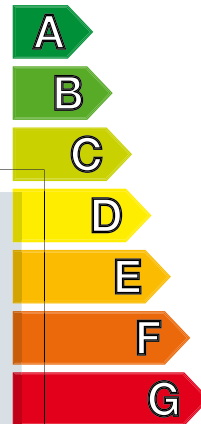
- Fluorescent and energy-saving lamps: classes A and B.
- Halogen lamps: mostly classes C and D.
- Incandescent lamps: mostly classes E and F.

As specified in the above-mentioned directive, lamps are assigned to the energy efficiency classes according to their measured luminous flux and wattage. The methods used for measuring these values are defined in DIN EN 50285 “Energy efficiency of electric lamps for household use, measuring methods”. This standard includes references to the relevant lamp standards. In Germany, the Federal States are responsible for checking for compliance with this Directive.

1) Directive 98/11/EC of the Commission dated 27.01.1998 for implementing Directive 92/75/EEC of the Council regarding the energy labeling of household lamps.

2) First ordinance dated 26.11.1999 for amending the Energy Consumption Labeling Ordinance of 30.10.1997.

Ενεργειακή
Energy label



Information on the luminaire packaging.

In cases in which lamps are included with the luminaire, either with or without its own packaging, there is no requirement for the luminaire to be labeled.

Lamps affected by the Directive or Ordinance

Wattage range

You will find the Energy Label on the following lamps:

• General lighting service lamps (incandescent lamps)	≤ 200 W
• Other incandescent lamps without reflectors (candle, round, etc.)	≤ 100 W
• Compact fluorescent lamps of all types ¹⁾	All
• Energy-saving lamps, i.e. compact fluorescent lamps with integrated control gear (electronic or magnetic)	All
• Tubular fluorescent lamps with Ø 16, 26 and 38 mm (T5, T8, T12)	≤ 58 W or ≤ 6500 lm
• Circular or rectangular fluorescent lamps	All
• Single-ended halogen lamps for line voltage	All
• Double-ended halogen floodlight lamps	≤ 300 W

Lamps not affected by the Directive or Ordinance


Wattage range

The following lamps are exempt from the energy labeling requirements:

• Fluorescent lamps with very high luminous flux	> 6500 lm
• Low-voltage lamps	All
• Reflector lamps of all kinds	All
• Halogen floodlight lamps	> 300 W
• Lamps that are not used for generating light in the wavelength range from 380 nm to 780 nm (IR, UV, colored, black-light and similar lamps)	All
• Lamps for special applications	All
• High-intensity discharge lamps and low-pressure sodium lamps	All


¹⁾ Lamps with 2G10 and 2G11 bases and U-shaped fluorescent lamps are used primarily in commercial applications. To ensure uniform handling, these lamps should also have an energy label.

General lighting service lamps

Product reference		lm	W
CLASSIC A			
frosted			
CLAS A FR 15	F	90	15
CLAS A FR 25	E	220	25
CLAS A FR 40	E	415	40
CLAS A FR 60	E	710	60
CLAS A FR 75	E	935	75
CLAS A FR 100	E	1340	100
CLAS A FR 150	E	2160	150
CLAS A FR 200	E	3040	200
clear			
CLAS A CL 15	F	90	15
CLAS A CL 25	E	220	25
CLAS A CL 40	E	415	40
CLAS A CL 60	E	710	60
CLAS A CL 75	E	935	75
CLAS A CL 100	E	1340	100
CLAS A CL 150	E	2160	150
CLAS A CL 200	E	3040	200
CLASSIC B			
frosted			
CLAS B FR 15	F	90	15
CLAS B FR 25	F	200	25
CLAS B FR 40	E	400	40
CLAS B FR 60	E	660	60
CLAS B FR 25	F	200	25
CLAS B FR 40	E	400	40
CLAS B FR 60	E	660	60
clear			
CLAS B CL 15	F	90	15
CLAS B CL 25	F	200	25
CLAS B CL 40	E	400	40
CLAS B CL 60	E	660	60
CLAS B CL 25	F	200	25
CLAS B CL 40	E	400	40
CLAS B CL 60	E	660	60




General lighting service lamps

Product reference		lm	W
CLASSIC BW			
frosted			
CLAS BW FR 25	F	200	25
CLAS BW FR 40	E	400	40
CLAS BW FR 60	E	660	60
clear			
CLAS BW CL 25	F	200	25
CLAS BW CL 40	E	400	40
CLAS BW CL 60	E	660	60
CLASSIC P			
frosted			
CLAS P FR 15	F	90	15
CLAS P FR 25	F	200	25
CLAS P FR 40	E	400	40
CLAS P FR 60	E	660	60
CLAS P FR 15	F	90	15
CLAS P FR 25	F	200	25
CLAS P FR 40	E	400	40
CLAS P FR 60	E	660	60
clear			
CLAS P CL 15	F	90	15
CLAS P CL 25	F	200	25
CLAS P CL 40	E	400	40
CLAS P CL 60	E	660	60
CLAS P CL 15	F	90	15
CLAS P CL 25	F	200	25
CLAS P CL 40	E	400	40
CLAS P CL 60	E	660	60
BELLALUX SOFT® WHITE T			
white silicated			
BELLA T55 SIL 40	F	370	40
BELLA T55 SIL 60	F	630	60
BELLA T55 SIL 75	F	840	75
BELLA T55 SIL 100	F	1200	100
BELLALUX SOFT® WHITE T			
white silicated			
BELLA T45 SIL 25	F	195	25
BELLA T45 SIL 40	F	375	40




General lighting service lamps

Product reference		lm	W
BELLALUX SOFT® WHITE GLOBE			
BELLA G95 SIL 40	F	320	40
BELLA G95 SIL 60	F	650	60
BELLA G95 SIL 100	G	1230	100
BELLA G95 SIL 150	F	1800	150
SUPERLUX® SOFT WHITE Krypton E			
SUPER E SIL 25	E	240	25
SUPER E SIL 40	E	455	40
SUPER E SIL 60	E	760	60
SUPER E SIL 75	E	1000	75
SUPER E SIL 100	E	1420	100
SPECIAL OVEN T			
clear			
SPC. OVEN T CL 15	F	85	15
SPECIAL OVEN P			
frosted			
SPC. P OVEN FR 40	E	400	40
SPECIAL Tubular T			
frosted			
SPC. T25/85 SIL 40	E	400	40
SPECIAL CENTRA® A			
frosted			
CENTRA A FR 100	G	1000	100
SPECIAL A with ∇® symbol			
CENTRA shockproof frosted			
CENTRA A T FR 25	F	185	25
CENTRA A T FR 40	F	320	40
CENTRA A T FR 60	G	505	60
Standard lamps clear			
SPC. A T CL 300	E	5000	300
SPC. A T CL 500	E	8400	500




General lighting service lamps

Product reference		lm	W
SPECIAL LINESTRA®			
silicated			
SPC. LIN 1603	F	270	35
SPC. LIN 1604	G	420	60
SPC. LIN 1104	G	840	120
SPC. LIN 1613	G	240	35
SPC. LIN 1614	G	420	60
clear			
SPC. LIN 1613	F	300	35
SPC. LIN 1614	G	460	60
SPC. LIN 1104	G	920	120
SPECIAL INSECTA®			
yellow			
SPC. A INSECT YELLOW 60	G	500	60




Halogen lamps

Product reference		lm	W
HALOPIN® ENERGY SAVER			
66733 ES	D	460	33
HALOPIN®			
clear			
66725	D	260	25
66740	D	490	40
66660	D	820	60
66675	D	1100	75
frosted			
66725 AM	E	230	25
66740 AM	E	460	40
66660 AM	D	790	60
66675 AM	D	1050	75
HALOGEN ENERGY SAVER CLASSIC A			
64541 A ES	D	220	18
64542 A ES	D	345	28
64543 A ES	C	630	42
64544 A ES	C	840	52
64547 A ES	C	1240	70
64548 A ES	C	1900	105
64541 A ES FR	D	220	18
64542 A ES FR	D	345	28
64543 A ES FR	C	630	42
64544 A ES FR	C	840	52
64547 A ES FR	C	1240	70
64548 A ES FR	C	1900	105
HALOGEN ENERGY SAVER CLASSIC B			
64541 B ES	D	220	18
64542 B ES	D	345	28
64543 B ES	C	630	42
64541 B ES FR	D	220	18
64542 B ES FR	D	345	28
64543 B ES FR	C	630	42
HALOGEN ENERGY SAVER CLASSIC BW			
64542 BW ES	D	345	28
64542 BW ES FR	D	345	28




Halogen lamps

Product reference		lm	W
HALOGEN ENERGY SAVER CLASSIC P			
64541 P ES	D	220	18
64542 P ES	D	345	28
64543 P ES	C	630	42
64541 P ES FR	D	220	18
64542 P ES FR	D	345	28
64543 P ES FR	C	630	42
HALOLUX® BT			
clear			
64470 BT	D	490	40
64472 BT	D	840	60
64476 BT	D	1600	100
64478 BT	D	2550	150
silicated			
64470 BT SIL	E	460	40
64472 BT SIL	E	780	60
64476 BT SIL	E	1450	100
64478 BT SIL	E	2100	150
HALOLUX® T			
tubular/clear			
64860 T	D	260	25
64861 T	D	490	40
64862 T	D	820	60
tubular/frosted			
64861 T IM	E	460	40
64862 T IM	D	790	60
HALOLUX CERAM®			
clear			
64466	D	260	25
64467	D	490	40
64481	D	820	60
64469	D	820	60
64473	D	1100	75
64475	D	1500	100
64471	D	2500	150
64477	D	2500	150
64479	D	4350	230




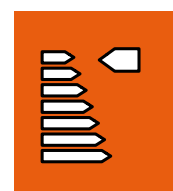
Halogen lamps

Product reference		lm	W
HALOLUX CERAM®			
outside frosted			
64466 AM	E	230	25
64467 AM	E	460	40
64481 AM	D	790	60
64469 AM	D	790	60
64473 AM	D	1050	75
64475 AM	D	1470	100
64471 AM	D	2400	150
64477 AM	D	2400	150
64479 AM	D	4210	230
clear			
64472	D	820	60
64474	D	1100	75
64476	D	1500	100
64478	D	2500	150
64480	D	4350	230
frosted			
64472 IM	D	790	60
64474 IM	D	1050	75
64476 IM	D	1470	100
64478 IM	D	2400	150
64480 IM	D	4210	230
HALOLINE® ENERGY SAVER			
64688 ES	C	800	48
64690 ES	C	1500	80
64695 ES	C	2450	120
64696 ES	C	2300	120
64698 ES	C	3300	160
64701 ES	C	5060	230
64702 ES	C	9200	400
HALOLINE® for line voltage			
Universal burning position			
64688	D	840	60
64690	D	1600	100
64695	D	2500	150
64696	D	2400	150
64698	D	3500	200
64701	D	5300	300




Compact fluorescent lamps

Product reference		lm	W	t [h]
OSRAM DULUX® EL LONGLIFE				
DULUX EL LL 5 W/827 E14	A	240	5	15000
DULUX EL LL 7 W/827 E14	A	400	7	15000
DULUX EL LL 11 W/827 E14	A	660	11	15000
DULUX EL LL 5 W/827 E27	A	240	5	15000
DULUX EL LL 7 W/827 E27	A	400	7	15000
DULUX EL LL 11 W/827 E27	A	660	11	15000
DULUX EL LL 15 W/827 E27	A	900	15	15000
DULUX EL LL 20 W/827 E27	A	1230	20	15000
DULUX EL LL 23 W/827 E27	A	1500	23	15000
OSRAM DULUX® EL LONGLIFE CLASSIC A E27				
DULUX EL LL CL A 20 W/827 E27	A	1250	20	15000
OSRAM DULUX® EL CLASSIC A				
DULUX EL CL A 10 W/827 E27	A	500	10	10000
DULUX EL CL A 15 W/827 E27	A	800	15	10000
DULUX EL CL A 20 W/827 E27	A	1160	20	10000
OSRAM DULUX® EL CLASSIC B				
DULUX EL CL B 5 W/827 E14	B	160	5	10000
DULUX EL CL B 7 W/827 E14	B	280	7	10000
DULUX EL CL B 9 W/827 E14	B	340	9	10000
OSRAM DULUX® EL LL GLOBE				
DULUX EL LL GL 15 W/827 E27	A	870	15	15000
DULUX EL LL GL 20 W/827 E27	B	1100	20	15000
OSRAM DULUX® EL GLOBE				
DULUX EL GL 16 W/827	A	870	16	10000
DULUX EL GL 21 W/827	B	1100	21	10000
OSRAM DULUX® EL VARIO				
DULUX EL VARIO 20W/827 E27	A	1230	20	15000
OSRAM DULUX® EL DIM				
DULUX EL DIM 20W/827 E27	A	1230	20	15000
DULUX EL DIM GL 15W/827 E27	A	850	15	15000




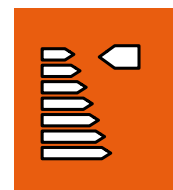
Compact fluorescent lamps

Product reference		lm	W
OSRAM DULUX® T PLUS for conventional control gear (CCG)			
DULUX T 13 W/827 PLUS	A	900	13
DULUX T 13 W/830 PLUS	A	900	13
DULUX T 13 W/840 PLUS	A	900	13
DULUX T 18 W/827 PLUS	B	1200	18
DULUX T 18 W/830 PLUS	B	1200	18
DULUX T 18 W/840 PLUS	B	1200	18
DULUX T 26 W/827 PLUS	B	1800	26
DULUX T 26 W/830 PLUS	B	1800	26
DULUX T 26 W/840 PLUS	B	1800	26
OSRAM DULUX® T/E PLUS for electronic control gear (ECG)			
DULUX T/E 13 W/827 PLUS	A	900	13
DULUX T/E 13 W/830 PLUS	A	900	13
DULUX T/E 13 W/840 PLUS	A	900	13
DULUX T/E 18 W/827 PLUS	B	1200	18
DULUX T/E 18 W/830 PLUS	B	1200	18
DULUX T/E 18 W/840 PLUS	B	1200	18
DULUX T/E 26 W/827 PLUS	B	1800	26
DULUX T/E 26 W/830 PLUS	B	1800	26
DULUX T/E 26 W/840 PLUS	B	1800	26
DULUX T/E 32 W/827 PLUS	B	2400	32
DULUX T/E 32 W/830 PLUS	B	2400	32
DULUX T/E 32 W/840 PLUS	B	2400	32
DULUX T/E 42 W/827 PLUS	B	3200	42
DULUX T/E 42 W/830 PLUS	B	3200	42
DULUX T/E 42 W/840 PLUS	B	3200	42
OSRAM DULUX® T/E IN PLUS for electronic control gear (ECG)			
DULUX T/E 26 W/830 IN PLUS	B	1800	26
DULUX T/E 26 W/840 IN PLUS	B	1800	26
DULUX T/E 32 W/827 IN PLUS	B	2400	32
DULUX T/E 32 W/830 IN PLUS	B	2400	32
DULUX T/E 32 W/840 IN PLUS	B	2400	32
DULUX T/E 42 W/827 IN PLUS	B	3200	42
DULUX T/E 42 W/830 IN PLUS	B	3200	42
DULUX T/E 42 W/840 IN PLUS	B	3200	42
DULUX T/E 57 W/830 IN PLUS	B	4300	57
DULUX T/E 57 W/840 IN PLUS	B	4300	57
DULUX T/E 70 W/840 IN PLUS	B	5200	70




Compact fluorescent lamps

Product reference		lm	W
OSRAM DULUX® D for conventional control gear (CCG)			
DULUX D 10 W/827	B	600	10
DULUX D 10 W/830	B	600	10
DULUX D 10 W/840	B	600	10
DULUX D 13 W/827	A	900	13
DULUX D 13 W/830	A	900	13
DULUX D 13 W/840	A	900	13
DULUX D 18 W/827	B	1200	18
DULUX D 18 W/830	B	1200	18
DULUX D 18 W/840	B	1200	18
DULUX D 26 W/827	B	1800	26
DULUX D 26 W/830	B	1800	26
DULUX D 26 W/840	B	1800	26
OSRAM DULUX® D/E for electronic control gear (ECG) and dimming systems			
DULUX D/E 10 W/827	B	600	10
DULUX D/E 10 W/830	B	600	10
DULUX D/E 10 W/840	B	600	10
DULUX D/E 13 W/827	A	900	13
DULUX D/E 13 W/830	A	900	13
DULUX D/E 13 W/840	A	900	13
DULUX D/E 18 W/827	B	1200	18
DULUX D/E 18 W/830	B	1200	18
DULUX D/E 18 W/840	B	1200	18
DULUX D/E 26 W/827	B	1800	26
DULUX D/E 26 W/830	B	1800	26
DULUX D/E 26 W/840	B	1800	26
OSRAM DULUX® S LUMILUX for conventional control gear (CCG)			
DULUX S 5 W/827	B	250	5
DULUX S 5 W/830	B	250	5
DULUX S 5 W/840	B	250	5
DULUX S 7 W/827	B	400	7
DULUX S 7 W/830	B	400	7
DULUX S 7 W/840	B	400	7
DULUX S 7 W/865	B	375	7
DULUX S 9 W/827	A	600	9
DULUX S 9 W/830	A	600	9
DULUX S 9 W/840	A	600	9
DULUX S 9 W/865	A	565	9
DULUX S 11 W/827	A	900	11
DULUX S 11 W/830	A	900	11
DULUX S 11 W/840	A	900	11
DULUX S 11 W/865	A	850	11




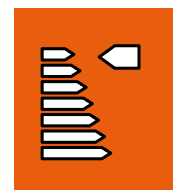
Compact fluorescent lamps

Product reference		lm	W
OSRAM DULUX® S/E LUMILUX for electronic control gear (ECG) and dimming systems			
DULUX S/E 5 W/827	A	250	5
DULUX S/E 5 W/840	A	250	5
DULUX S/E 7 W/827	A	400	7
DULUX S/E 7 W/830	A	400	7
DULUX S/E 7 W/840	A	400	7
DULUX S/E 9 W/827	A	600	9
DULUX S/E 9 W/830	A	600	9
DULUX S/E 9 W/840	A	600	9
DULUX S/E 11 W/827	A	900	11
DULUX S/E 11 W/830	A	900	11
DULUX S/E 11 W/840	A	900	11
OSRAM DULUX® L LUMILUX			
DULUX L 18 W/827	B	1200	18
DULUX L 18 W/830	B	1200	18
DULUX L 18 W/840	B	1200	18
DULUX L 24 W/827	B	1800	24
DULUX L 24 W/830	B	1800	24
DULUX L 24 W/840	B	1800	24
DULUX L 36 W/827	A	2900	36
DULUX L 36 W/830	A	2900	36
DULUX L 36 W/840	A	2900	36
DULUX L 36 W/880	B	2600	36
DULUX L 36 W/865	B	2750	36
DULUX L 40 W/827	A	3500	40
DULUX L 40 W/830	A	3500	40
DULUX L 40 W/840	A	3500	40
DULUX L 40 W/880	B	3000	40
DULUX L 40 W/865	B	3325	40
DULUX L 55 W/827	A	4800	55
DULUX L 55 W/830	A	4800	55
DULUX L 55 W/840	A	4800	55
DULUX L 55 W/880	B	4100	55
DULUX L 55 W/865	B	4550	55
DULUX L 80 W/830	B	6000	80
DULUX L 80 W/840	B	6000	80
DULUX L 80 W/880	B	5600	80




Compact fluorescent lamps

Product reference		lm	W
OSRAM DULUX® L LUMILUX® DE LUXE			
DULUX L 18 W/930	B	750	18
DULUX L 18 W/940	B	750	18
DULUX L 18 W/954	B	750	18
DULUX L 24 W/930	B	1200	24
DULUX L 24 W/940	B	1200	24
DULUX L 24 W/954	B	1200	24
DULUX L 36 W/930	B	1900	36
DULUX L 36 W/940	B	1900	36
DULUX L 36 W/954	B	1900	36
DULUX L 40 W/954	B	2200	40
DULUX L 55 W/930	B	3000	55
DULUX L 55 W/940	B	3000	55
DULUX L 55 W/954	B	3000	55
OSRAM DULUX® 120 W HO CONSTANT for electronic control gear (ECG)			
DULUX 120W/830 HO CONSTANT	B	9000	120
DULUX 120W/840 HO CONSTANT	B	9000	120
OSRAM DULUX® F			
DULUX F 18 W/827	B	1100	18
DULUX F 18 W/830	B	1100	18
DULUX F 18 W/840	B	1100	18
DULUX F 24 W/827	B	1700	24
DULUX F 24 W/830	B	1700	24
DULUX F 24 W/840	B	1700	24
DULUX F 36 W/827	B	2800	36
DULUX F 36 W/830	B	2800	36
DULUX F 36 W/840	B	2800	36
OSRAM CFL SQUARE® for conventional control gear (CCG)			
CFL SQUARE 16 W/827 (2)	B	1050	16
CFL SQUARE 16 W/835 (2)	B	1050	16
CFL SQUARE 28 W/827 (2)	B	2050	28
CFL SQUARE 28 W/835 (2)	B	2050	28
CFL SQUARE 38 W/827 (4)	B	2700	38
CFL SQUARE 38 W/835 (4)	B	2700	38




Fluorescent lamps

Product reference		lm	W
LUMILUX® T5 HE HIGH EFFICIENCY, tubular, G5 base			
FH 14 W/827 HE	A	1200 ¹⁾	14
FH 14 W/830 HE	A	1200 ¹⁾	14
FH 14 W/835 HE	A	1200 ¹⁾	14
FH 14 W/840 HE	A	1200 ¹⁾	14
FH 14 W/865 HE	A	1100 ¹⁾	14
FH 14 W/880 HE	A	1050 ¹⁾	14
FH 21 W/827 HE	A	1900 ¹⁾	21
FH 21 W/830 HE	A	1900 ¹⁾	21
FH 21 W/835 HE	A	1900 ¹⁾	21
FH 21 W/840 HE	A	1900 ¹⁾	21
FH 21 W/865 HE	A	1750 ¹⁾	21
FH 21 W/880 HE	A	1700 ¹⁾	21
FH 28 W/827 HE	A	2600 ¹⁾	28
FH 28 W/830 HE	A	2600 ¹⁾	28
FH 28 W/835 HE	A	2600 ¹⁾	28
FH 28 W/840 HE	A	2600 ¹⁾	28
FH 28 W/865 HE	A	2400 ¹⁾	28
FH 28 W/880 HE	A	2350 ¹⁾	28
FH 35 W/827 HE	A	3300 ¹⁾	35
FH 35 W/830 HE	A	3300 ¹⁾	35
FH 35 W/835 HE	A	3300 ¹⁾	35
FH 35 W/840 HE	A	3300 ¹⁾	35
FH 35 W/865 HE	A	3050 ¹⁾	35
FH 35 W/880 HE	A	3000 ¹⁾	35




Fluorescent lamps

Product reference		lm	W
LUMILUX® T5 HO HIGH OUTPUT, tubular, G5 base			
FQ 24 W/827 HO	A	1750 ¹⁾	24
FQ 24 W/830 HO	A	1750 ¹⁾	24
FQ 24 W/835 HO	A	1750 ¹⁾	24
FQ 24 W/840 HO	A	1750 ¹⁾	24
FQ 24 W/865 HO	A	1600 ¹⁾	24
FQ 24 W/880 HO	A	1550 ¹⁾	24
FQ 39 W/827 HO	A	3100 ¹⁾	39
FQ 39 W/830 HO	A	3100 ¹⁾	39
FQ 39 W/835 HO	A	3100 ¹⁾	39
FQ 39 W/840 HO	A	3100 ¹⁾	39
FQ 39 W/865 HO	A	2850 ¹⁾	39
FQ 39 W/880 HO	A	2750 ¹⁾	39
FQ 49 W/827 HO	A	4300 ¹⁾	49
FQ 49 W/830 HO	A	4300 ¹⁾	49
FQ 49 W/835 HO	A	4300 ¹⁾	49
FQ 49 W/840 HO	A	4300 ¹⁾	49
FQ 49 W/865 HO	A	4100 ¹⁾	49
FQ 49 W/865 HO	A	4100 ¹⁾	49
FQ 49 W/880 HO	A	4050 ¹⁾	49
FQ 54 W/827 HO	A	4450 ¹⁾	54
FQ 54 W/830 HO	A	4450 ¹⁾	54
FQ 54 W/835 HO	A	4450 ¹⁾	54
FQ 54 W/840 HO	A	4450 ¹⁾	54
FQ 54 W/865 HO	A	4050 ¹⁾	54
FQ 54 W/880 HO	A	4000 ¹⁾	54
FQ 80 W/827 HO	A	6150 ¹⁾	80
FQ 80 W/830 HO	A	6150 ¹⁾	80
FQ 80 W/835 HO	A	6150 ¹⁾	80
FQ 80 W/840 HO	A	6150 ¹⁾	80
FQ 80 W/865 HO	A	5700 ¹⁾	80
FQ 80 W/880 HO	A	5550 ¹⁾	80
LUMILUX® T5 HO CONSTANT, tubular, G5 base			
FQ 24 W/830 HO CONSTANT	A	1950 ¹⁾	24
FQ 24 W/840 HO CONSTANT	A	1950 ¹⁾	24
FQ 24 W/865 HO CONSTANT	A	1850 ¹⁾	24
FQ 39 W/830 HO CONSTANT	A	3400 ¹⁾	39
FQ 39 W/840 HO CONSTANT	A	3400 ¹⁾	39
FQ 39 W/865 HO CONSTANT	A	3200 ¹⁾	39
FQ 54 W/830 HO CONSTANT	A	4850 ¹⁾	54
FQ 54 W/840 HO CONSTANT	A	4850 ¹⁾	54
FQ 54 W/865 HO CONSTANT	A	4600 ¹⁾	54
FQ 80 W/830 HO CONSTANT	A	6800 ¹⁾	80
FQ 80 W/840 HO CONSTANT	A	6800 ¹⁾	80
FQ 80 W/865 HO CONSTANT	A	6450 ¹⁾	80

1) Luminous flux with ECG in lumen at 25 °C




Fluorescent lamps

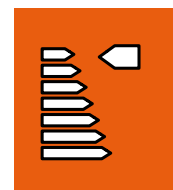
Product reference		lm	W
LUMILUX® T5 DE LUXE HO HIGH OUTPUT, tubular, G5 base			
FQ 24 W/940 HO	B	1400 ¹⁾	24
FQ 24 W/965 HO	B	1300 ¹⁾	24
FQ 49 W/940 HO	B	3450 ¹⁾	49
FQ 49 W/965 HO	B	3450 ¹⁾	49
FQ 54 W/940 HO	B	3550 ¹⁾	54
FQ 54 W/965 HO	B	3450 ¹⁾	54
LUMILUX® DE LUXE T5 short, tubular, G5 base			
L 6 W/930	B	210	6
L 8 W/930	B	295	8
L 8 W/954	B	300	8
L 13 W/930	B	650	13
L 13 W/950	B	680	13
LUMILUX® T5 short, tubular, G5 base			
L 8 W/827	A	450	8
L 8 W/840	A	430	8
L 13 W/827	A	1000	13
L 13 W/840	A	970	13
Energy Saver (Basic) T5 short, tubular, G5 base			
L 4 W/640	B	140	4
L 6 W/640	B	270	6
L 8 W/640	B	385	8
L 8 W/765	B	330	8
L 13 W/640	B	830	13
LUMILUX® T5 FC® FLUORESCENT CIRCLINE, 2Gx13 base			
FC 22 W/827	A	1800 ¹⁾	22
FC 22 W/830	A	1800 ¹⁾	22
FC 22 W/840	A	1800 ¹⁾	22
FC 22 W/865	A	1710 ¹⁾	22
FC 40 W/827	B	3200 ¹⁾	40
FC 40 W/830	B	3200 ¹⁾	40
FC 40 W/840	B	3200 ¹⁾	40
FC 40 W/865	B	3000 ¹⁾	40
FC 55 W/827	B	4200 ¹⁾	55
FC 55 W/830	B	4200 ¹⁾	55
FC 55 W/840	B	4200 ¹⁾	55
FC 55 W/865	B	3800 ¹⁾	55



Fluorescent lamps

Product reference		lm	W
LUMILUX® T8, tubular, G13 base			
L 10 W/827	A	650 ¹⁾	10
L 15 W/827	B	950 ¹⁾	15
L 15 W/830	B	950 ¹⁾	15
L 15 W/840	B	950 ¹⁾	15
L 15 W/865	B	900 ¹⁾	15
L 16 W/827	A	1250 ¹⁾	16
L 16 W/840	A	1250 ¹⁾	16
L 18 W/827	A	1350 ¹⁾	18
L 18 W/830	A	1350 ¹⁾	18
L 18 W/835	A	1350 ¹⁾	18
L 18 W/840	A	1350 ¹⁾	18
L 18 W/865	A	1300 ¹⁾	18
L 18 W/880	A	1300 ¹⁾	18
L 23 W/830	A	1900 ¹⁾	23
L 23 W/840	A	1900 ¹⁾	23
L 30 W/827	A	2400 ¹⁾	30
L 30 W/830	A	2400 ¹⁾	30
L 30 W/840	A	2400 ¹⁾	30
L 30 W/865	A	2350 ¹⁾	30
L 30 W/880	A	2350 ¹⁾	30
L 36 W/827	A	3350 ¹⁾	36
L 36 W/827-1	A	3100 ¹⁾	36
L 36 W/830	A	3350 ¹⁾	36
L 36 W/835	A	3350 ¹⁾	36
L 36 W/840	A	3350 ¹⁾	36
L 36 W/840-1	A	3100 ¹⁾	36
L 36 W/865	A	3250 ¹⁾	36
L 36 W/880	A	2900 ¹⁾	36
L 58 W/827	A	5200 ¹⁾	58
L 58 W/830	A	5200 ¹⁾	58
L 58 W/835	A	5200 ¹⁾	58
L 58 W/840	A	5200 ¹⁾	58
L 58 W/865	A	5000 ¹⁾	58
L 58 W/880	A	4900 ¹⁾	58

1) Luminous flux with reference control gear in lumen at 25 °C




Fluorescent lamps

Product reference		lm	W
LUMILUX® XXT T8, tubular, G13 base			
L 18 W/830 XXT	A	1350 ¹⁾	18
L 18 W/840 XXT	A	1350 ¹⁾	18
L 18 W/865 XXT	A	1250 ¹⁾	18
L 36 W/830 XXT	A	3250 ¹⁾	36
L 36 W/840 XXT	A	3250 ¹⁾	36
L 36 W/865 XXT	A	3150 ¹⁾	36
L 58 W/830 XXT	A	5150 ¹⁾	58
L 58 W/840 XXT	A	5150 ¹⁾	58
L 58 W/865 XXT	A	5000 ¹⁾	58
LUMILUX® DE LUXE T8, tubular, G13 base			
L 18 W/930	B	1100 ¹⁾	18
L 18 W/940	B	1200 ¹⁾	18
L 18 W/954	B	1150 ¹⁾	18
L 18 W/965	B	1150 ¹⁾	18
L 36 W/930	B	2700 ¹⁾	36
L 36 W/940	B	2900 ¹⁾	36
L 36 W/954	B	2850 ¹⁾	36
L 36 W/965	B	2850 ¹⁾	36
L 58 W/930	B	4350 ¹⁾	58
L 58 W/940	B	4600 ¹⁾	58
L 58 W/954	B	4550 ¹⁾	58
L 58 W/965	B	4550 ¹⁾	58
BIOLUX® T8, tubular, G13 base			
L 18 W/965	B	1000 ¹⁾	18
L 30 W/965	B	1600 ¹⁾	30
L 36 W/965	B	2300 ¹⁾	36
L 58 W/965	B	3700 ¹⁾	58
FLUORA® T8, tubular, G13 base			
L 15 W/77	B	400 ¹⁾	15
L 18 W/77	B	550 ¹⁾	18
L 30 W/77	B	1000 ¹⁾	30
L 36 W/77	B	1400 ¹⁾	36
L 58 W/77	B	2250 ¹⁾	58
OSRAM NATURA® T8, tubular, G13 base			
L 15 W/76	B	500 ¹⁾	15
L 18 W/76	B	750 ¹⁾	18
L 30 W/76	B	1300 ¹⁾	30
L 36 W/76	B	1800 ¹⁾	36
L 36 W/76-1	B	1600 ¹⁾	36
L 58 W/76	B	2850 ¹⁾	58



Fluorescent lamps

Product reference		lm	W
LUMILUX® COLOR control T8, tubular, G13 base			
L 18 W/940 UVS	B	1150 ¹⁾	18
L 18 W/954 UVS	B	1100 ¹⁾	18
L 36 W/940 UVS	B	2750 ¹⁾	36
L 36 W/954 UVS	B	2700 ¹⁾	36
L 58 W/940 UVS	B	4350 ¹⁾	58
L 58 W/954 UVS	B	4300 ¹⁾	58
T9 C circular, G10Q base			
LUMILUX version			
L 22 W/827 C	B	1250 ¹⁾	22
L 22 W/840 C	B	1250 ¹⁾	22
L 32 W/827 C	B	2100 ¹⁾	32
L 32 W/840 C	B	2100 ¹⁾	32
L 40 W/827 C	B	2800 ¹⁾	40
L 40 W/840 C	B	2800 ¹⁾	40
BASIC version			
L 22 W/640 C	B	1100 ¹⁾	22
L 22 W/765 C	B	1000 ¹⁾	22
L 32 W/640 C	B	1900 ¹⁾	32
L 32 W/765 C	B	1600 ¹⁾	32
L 40 W/640 C	B	2450 ¹⁾	40
L 40 W/765 C	B	2200 ¹⁾	40
LUMILUX® T2 FM, tubular W4.3 x 8.5d base			
FM 6 W/730	B	330 ²⁾	6
FM 6 W/740	B	330 ²⁾	6
FM 6 W/760	B	310 ²⁾	6
FM 8 W/730	B	540 ²⁾	8
FM 8 W/740	B	540 ²⁾	8
FM 8 W/760	B	500 ²⁾	8
FM 11 W/730	B	750 ²⁾	11
FM 11 W/740	B	750 ²⁾	11
FM 11 W/760	B	680 ²⁾	11
FM 13 W/730	B	930 ²⁾	13
FM 13 W/740	B	930 ²⁾	13
FM 13 W/760	B	860 ²⁾	13
XL-type T12, tubular, Fa6 base			
L 20 W/640 XL	B	940 ¹⁾	20
L 40 W/640 XL	B	2300 ¹⁾	40
L 65 W/640 XL	B	4400 ¹⁾	65

1) Luminous flux with reference control gear in lumen at 25 °C

