

LUMILUX[®] SPLIT control T8

OSRAM LUMILUX[®] SPLIT control lamps stand for extra safety and offer protection against splinters



LUMILUX[®] SPLIT control T8

QT-FIT8 2X58-70/220-240 VS20

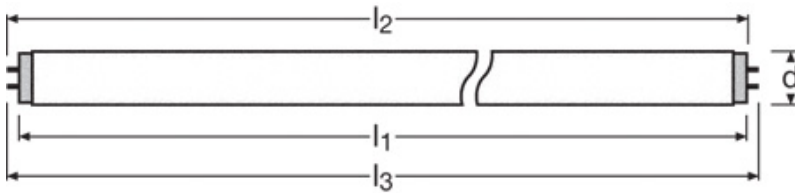
Benefits

- Required to prevent contamination in sensitive production areas (e.g. in the food industry)
- The lamps support the implementation of the HACCP concepts from production through to presentation
- Suitable also for enclosed fixtures

Product Features

- Fluorescent Lamp with 26 mm diameter
- Splinter protection
- Good color rendering index 1B (Ra 80-90)
- Very good lumen maintenance (>90%) throughout the life of the lamp
- The life of the sleeve is the same as the average lamp life
- Dimmable

Dimensions



Description	Base	Length (l1) [mm]	Length (l2) min [mm]	Length (l2) max [mm]	Length (l3) [mm]	Tube Diameter (d) max [mm]
LUMILUX SPLIT control T8 18 W	G13	589.8	594.5	596.9	604	26
LUMILUX SPLIT control T8 36 W	G13	1199.4	1204.1	1206.5	1213.6	26
LUMILUX SPLIT control T8 58 W	G13	1500	1504.7	1507.1	1514.2	26

Electrical Data¹

Lamps operated with **50Hz** reference ballast at 25 °C (100h aged) ambient temperature

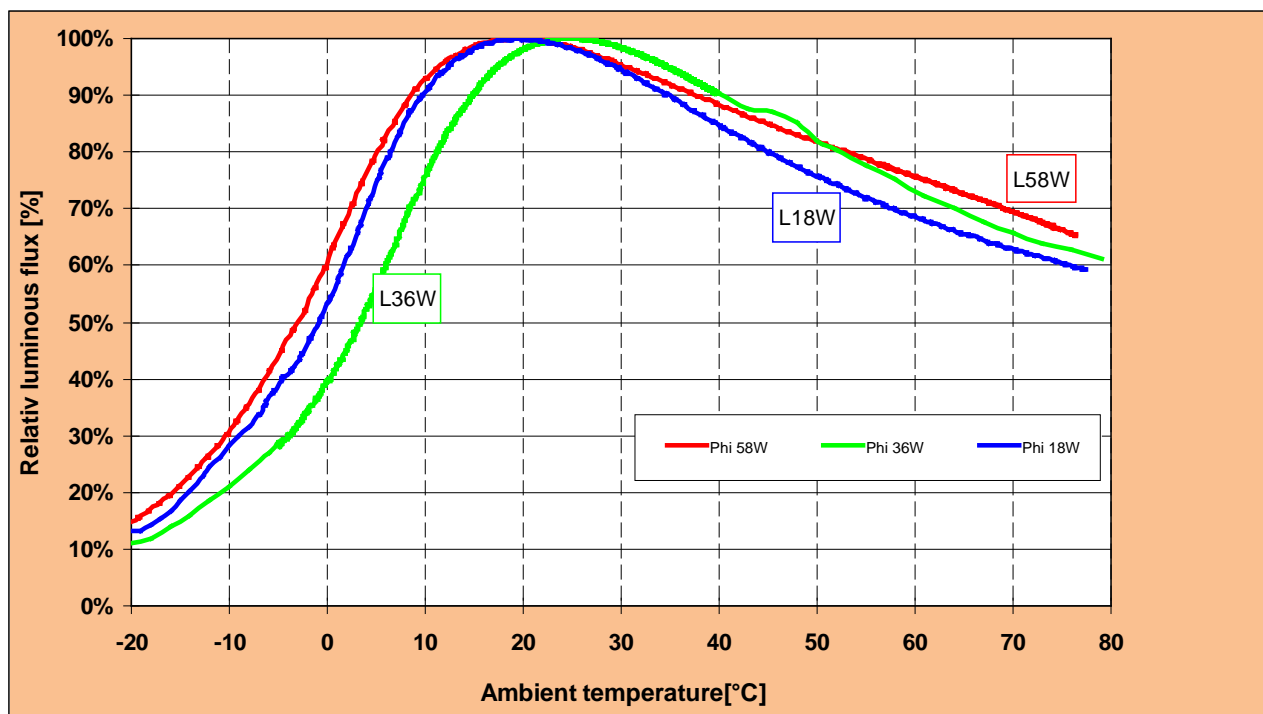
LUMILUX SPLIT control T8	Lamp Voltage [V]	Lamp Current rated [mA]	Pre-heat current [mA]
18 W	57	370	550
36 W	103	430	650
58 W	110	670	1000

¹ According to IEC/EN 60081

Photometrical Data at 25 °C (100 h aged) ambient temperature²

LUMILUX T8	Light Color LUMILUX	Color Rendering Index (CRI), Ra	Target Color Coordinate ¹ x	Target Color Coordinate ¹ y	Color Temperature [K]	Nominal Luminous Flux 25°C [lm] ¹	Max. Luminous Flux 25°C [lm] ¹	Efficacy [lm/W] ¹	Energy Efficiency Class
18 W	840 Cool White	80 ... 89	0.380	0.380	4000	1350	1350	75	A
36 W	840 Cool White	80 ... 89	0.380	0.380	4000	3100	3100	86	A
58 W	840 Cool White	80 ... 89	0.380	0.380	4000	5200	5200	90	A

Relative Luminous Flux / Ambient Temperature



For more detailed information please refer to our technical guide – Compact Fluorescent Lamps / Fluorescent Lamps. Free download at www.osram.com

² Measurement in accordance with IEC/EN 60081 annex C

GL LB EU&LM FT: 13.03.2012. Subject to change without notice. Despite careful review, the possibility of mistakes cannot be excluded – no guarantee can be provided.

Lifetime³

	ECG ⁴ preheated IEC switching cycle ⁵	CCG IEC switching cycle
B50⁶	20,000 h	15,000 h
Service Lifetime⁷	18,000 h	12,000 h
LLMF⁸ 2000 h	u.c.*	0.95
LLMF 4000 h	u.c.	0.92
LLMF 6000 h	u.c.	0.91
LLMF 8000 h	u.c.	0.90
LLMF 12000 h	u.c.	0.89
LLMF 16000 h	u.c.	-
LSF⁹ 2000 h	u.c.	0.99
LSF 4000 h	u.c.	0.99
LSF 6000 h	u.c.	0.99
LSF 8000 h	u.c.	0.99
LSF 12000 h	u.c.	0.90
LSF 16000 h	u.c.	-

*u.c. = under consideration

Logistic Data

Description	EAN 10	EAN 40	Packaging Unit
LUMILUX SPLIT control T8 18W/840	4008321232885	4008321232892	25
LUMILUX SPLIT control T8 36W/840	4008321232823	4008321232830	25
LUMILUX SPLIT control T8 58W/840	4008321232922	4008321232939	25

³ Measurement in accordance with IEC/EN 60081

⁴ Electronic Control Gear

⁵ Switching cycle 165 min. on, 15 min. off (according to IEC)

⁶ Average rated lamp life (B50) is the average value of the life time for an entity of lamps operated under standardized conditions until 50% failure. In other words, this is the operation time at which, for a standardized 3-hour switching cycle (165 minutes on / 15 minutes off (according to IEC)), 50% of a sample population of lamps have failed.

⁷ Service life time is the mathematical life time (maintenance multiplied with the % of failed lamps e.g. B10) for lamps in an installation after which the installation luminous flux (100 h value) decreased with 20 % (decrease in luminous flux and failed lamps) for indoor lighting

⁸ Lamp Lumen Maintenance Factor (Lamp luminous flux in %): Ratio of the luminous flux of a specific quantity of lamps at a defined number of hours of operation to their luminous flux at 100 h

⁹ Lamp Survival Factor (Lamp Survival in %): Ratio of the number of electrically intact lamps to the total number of lamps

Lamp/ECG System Combination

Lamp	ECG	EAN 10 ECG	Luminous Flux @25°C [lm]	System Power [W]	I _N [A]	Power Factor ECG	Length [mm]	Width [mm]	Height [mm]	Distance between holes [mm]	T _a [°C]
LUMILUX SPLIT control T8 18 W	QTi DALI 1x18/220-240 DIM	4050300870403	1300	18.3	0.08	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x18/220-240 DIM	4050300870526	2600	36.5	0.16	0.97	425.00	30.00	21.00	415	-20...+50 °C
	QTi DALI 3x18/220-240 DIM	4008321069979	3900	53.6	0.24	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTi DALI 4x18/220-240 DIM	4008321070050	5200	69.3	0.31	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTi 1x14/24/21/39 GII	4008321383334	1300	19	0.09	0.93	360.00	30.00	28.00	350	-20...+50 °C
	QTi 1x18/220-240 DIM	4050300870601	1300	19	0.08	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x14/24/21/39 GII	008321383396	2600	37	0.17	0.96	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x18/220-240 DIM	4050300870960	2600	37	0.16	0.97	425.00	30.00	21.00	415	-20...+50 °C
	QTi 3x18/220-240 DIM	4008321069931	3900	53.6	0.24	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTi 4x18/220-240 DIM	4008321070012	5200	69.3	0.31	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTP8 1x18/230-240	4008321131584	1300	18	0.09	0.96	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x18/230-240	4008321131607	2600	35	0.17	0.97	423.00	30.00	30.00	415	-25...+55 °C
	QTP8 3x/4x18/230-240	4008321131706	3756	73	0.32	0.99	423.00	40.00	30.00	415	-25...+55 °C
	QTP-DL 1x18-24	4008321117861	1252	56	0.26	0.99	239.00	30.00	28.00	229	-25...+50 °C
	QTP-DL 2x18-24	4008321117885	2504	18	0.09	0.95	239.00	40.00	28.00	229	-20...+50 °C
	QTP-M 1x26-42	4008321329134	1252	37	0.17	0.98	103.00	67.00	31.00	110	-20...+50 °C
	QTP-M 2x26-32	4008321329158	2600	19	0.10	0.88 c	123.00	79.00	33.00	129.5	-20...+50 °C
	QT-FIT8 1x18	4008321294180	1300	19	0.09	0.95	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x18	4008321294241	2600	36	0.16	0.98	360.00	30.00	28.00	350	-15...+50 °C
	QT-FIT8 3x/4x18	4008321294302	3900	54	0.25	0.97	280.00	40.00	28.00	270	-15...+50 °C
	QT-FIT8 3x/4x18	4008321294302	5200	74	0.33	0.99	280.00	40.00	28.00	270	-15...+50 °C
	QT-ECO 1x18-24/220-240 L	4050300660417	1204	19	0.14	0.60 c	150.00	22.00	22.00	140	-15...+50 °C
	QT-ECO 1x18-24/220-240 S	4050300638560	1204	19	0.14	0.60 c	80.00	40.00	22.00	72...75	-15...+50 °C
HF 1x18/230-240 DIM	4050300319254	1252	19	0.09	0.95	360.00	30.00	30.00	350	0...+50 °C	
HF 2x18/230-240 DIM	4050300350950	2600	36	0.17	0.97	423.00	30.00	30.00	415	0...+50 °C	

Lamp	ECG	EAN 10 ECG	Luminous Luminous Flux @25°C [lm]	System Power [W]	I _N [A]	Power Factor ECG	Length [mm]	Width [mm]	Height [mm]	Distance between holes [mm]	T _a [°C]
LUMILUX SPLIT control T8 36 W	QTi DALI 1x36/220-240 DIM	4050300870427	2619	36	0.16	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x36/220-240 DIM	4050300870885	5239	69	0.30	0.98	423.00	30.00	21.00	415	-20...+50 °C
	QTi 1x14/24/21/39 GII	4008321383334	3250	35	0.09	0.96	360.00	30.00	21.00	350	-20...+50 °C
	QTi 1x36/220-240 DIM	4050300870625	3250	36	0.16	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x14/24/21/39 GII	4008321383396	6209	70	0.31	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x36/220-240 DIM	4050300870755	6500	69	0.31	0.98	425.00	30.00	21.00	415	-20...+50 °C
	QTP5 1x24-39	4008321329110	3104	36	0.16	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x24-39	4008321329417	6209	70	0.31	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTP8 1x36/230-240	4008321131621	3104	35	0.16	0.96	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x36/230-240	4008321131645	6209	72	0.31	0.98	423.00	30.00	30.00	415	-25...+55 °C
	QTP-DL 1x36-40	4008321117908	3299	38	0.17	0.99	239.00	30.00	28.00	229	-20...+50 °C
	QTP-DL 2x36-40	4008321117922	6597	80.5	0.35	0.99	280.00	40.00	28.00	270	-20...+50 °C
	QTP-M 1x26-42	4008321329134	3250	35	0.16	0.97	103.00	67.00	31.00	110	-20...+50 °C
	QT-FIT8 1x36	4008321294203	3250	36	0.16	0.96	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x36	4008321294265	6209	71	0.32	0.98	360.00	30.00	28.00	350	-15...+50 °C
	QT-FIT8 3x36	4008321512055	10187	105	0.48	0.99	280.00	40.00	28.00	270	-15...+50 °C
	QT-M 2x26-42/220-240 S	4008321110022	6209	70	0.30	0.97	123.00	79.00	33.00	129.5	-20...+50 °C
	HF 1x36/230-240 DIM	4050300297705	3250	36	0.17	0.97	360.00	30.00	30.00	350	0...+50 °C
HF 2x36/230-240 DIM	4050300350974	6209	71	0.31	0.99	423.00	30.00	30.00	415	0...+50 °C	

Lamp	ECG	EAN 10 ECG	Luminous Flux @25°C [lm]	System Power [W]	I _N [A]	Power Factor ECG	Length [mm]	Width [mm]	Height [mm]	Distance between holes [mm]	T _a [°C]
LUMILUX SPLIT control T8 58 W	QTi DALI 1x58/220-240 DIM	4050300870823	4904	56	0.25	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x58/220-240 DIM	4050300870847	9808	108	0.47	0.99	423.00	30.00	21.00	415	-20...+50 °C
	QTi 1x28/54/35/49 GII	4008321383358	4904	55	0.24	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 1x58/220-240 DIM	4050300870908	4904	56	0.25	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x28/54/35/49 GII	4008321383419	9808	109	0.47	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x58/220-240 DIM	4050300870731	9808	108	0.47	0.99	425.00	30.00	21.00	415	-20...+50 °C
	QTP5 1x54	4008321329394	4904	55	0.25	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x54	4008321329097	9808	109	0.48	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTP8 1x58/230-240	4008321131669	4904	55	0.24	0.98	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x58/230-240	4008321131683	9808	110	0.45	0.98	423.00	30.00	30.00	415	-25...+55 °C
	QT-FIT8 1x58-70	4008321294227	4904	54	0.24	0.96	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x58-70	4008321294289	9808	109	0.48	0.98	360.00	30.00	28.00	350	-15...+50 °C
	HF 1x58/230-240 DIM	4050300297729	4904	58	0.25	0.98	360.00	30.00	30.00	350	0...+50 °C
	HF 2x58/230-240 DIM	4050300350998	9808	116	0.48	0.99	423.00	30.00	30.00	415	0...+50 °C

Safety information:

- Lamps with plastic sleeves: maximum ambient temperature: 80°C
- Lamps with plastic sleeves: minimum ambient temperature: -10°C
- Lamps with plastic sleeves: maximum storage time 5 years at 0 to 30°C
- Lamps with plastic sleeves: lamps must be replaced after average life has been reached (B50)

For more information on ECG refer to <http://www.osram.com/ecg>

For more information on System Guarantee refer to <http://www.osram.com/guarantee>

In case of lamp breakage: www.osram.com/brokenlamp

For more information technical information see technical guide. Free download at www.osram.com