

LUMILUX[®] Colored T8

Colored LUMILUX[®] T8 lamps provide the basis for attractive and creative lighting designs



LUMILUX[®] Colored T8

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

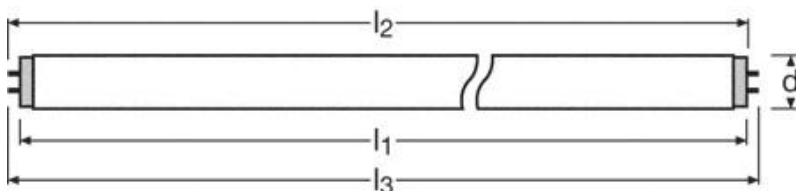
Benefits

- Ideal for cost-effective creative lighting
- Uniform light along the entire length of the lamp
- OSRAM System⁺ Guarantee in combination with OSRAM QUICKTRONIC®

Product Features

- Fluorescent Lamp with 26 mm diameter
- Dimmable
- Top-quality three-band phosphor LUMILUX®
- Light colors: BLUE (67), GREEN (66), RED (60), YELLOW (62)
- Average life: 20,000 h with pre-heat ECG

Dimensions



Description	Base	Length (l ₁) [mm]	Length (l ₂) min [mm]	Length (l ₂) max [mm]	Length (l ₃) [mm]	Tube Diameter (d) max [mm]
LUMILUX Colored T8 18 W	G13	589.8	594.5	596.9	604	26
LUMILUX Colored T8 30 W	G13	894.6	899.3	901.7	908.8	26
LUMILUX Colored T8 36 W	G13	1199.4	1204.1	1206.5	1213.6	26
LUMILUX Colored 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 Colored T8	Lamp Voltage [V]	Lamp Current rated [mA]	Pre-heat current [mA]
18 W	57	370	550
30 W	96	365	550
36 W	103	430	650
58 W	110	670	1000

¹ According to IEC/EN 60081

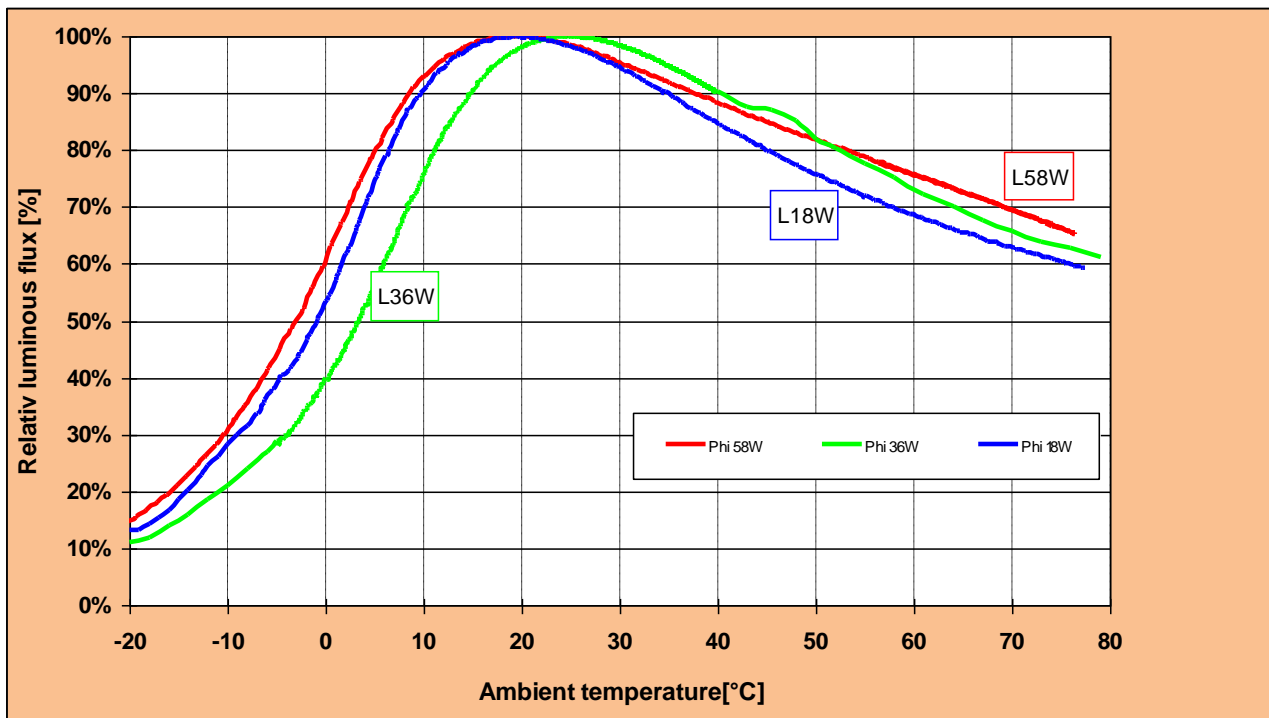
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Photometrical Data at 25 °C (100 h aged) ambient temperature²

T8 Colored	Light Color	Target Color Coordinate ¹ x	Target Color Coordinate ¹ y	Nominal Luminous Flux 25°C [lm] ¹	Max. Luminous Flux 25°C [lm] ¹	Efficacy [lm/W] ¹
18 W	60 Red	0.561	0.332	900	900	50
18 W	62 Yellow	0.555	0.443	970	970	54
18 W	66 Green	0.314	0.541	1800	1800	100
18 W	67 Blue	0.154	0.072	400	400	22
30 W	67 Blue	0.154	0.072	600	600	20
36 W	60 Red	0.561	0.332	2400	2400	67
36 W	62 Yellow	0.555	0.443	2300	2300	64
36 W	66 Green	0.314	0.541	4400	4400	122
36 W	67 Blue	0.154	0.072	900	900	25
58 W	60 Red	0.561	0.332	3800	3800	66
58 W	62 Yellow	0.555	0.443	4080	4080	70
58 W	66 Green	0.314	0.541	6700	6700	116
58 W	67 Blue	0.154	0.072	1600	1600	28

² Measurement in accordance with IEC/EN 60081 annex C Edition 01.2013. Subject to change without notice. Errors and omissions excepted. Always make sure to use the most recent release.
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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

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

Logistic Data

Description	EAN 10	EAN 40	Packaging Unit
LUMILUX Colored T8 18 W/60	4050300024219	4008321205032	10
LUMILUX Colored T8 18 W/62	4008321232700	4008321232717	12
LUMILUX Colored T8 18 W/66	4050300024226	4008321205056	10
LUMILUX Colored T8 18 W/67	4050300024233	4008321205070	10
LUMILUX Colored T8 30 W/67	4050300366920	4008321918406	10
LUMILUX Colored T8 36 W/60	4050300024240	4008321205254	10
LUMILUX Colored T8 36 W/62	4008321232724	4008321232731	12
LUMILUX Colored T8 36 W/66	4050300024257	4008321205278	10
LUMILUX Colored T8 36 W/67	4050300024264	4008321205292	10
LUMILUX Colored T8 58 W/60	4050300024271	4008321205353	10
LUMILUX Colored T8 58 W/62	4008321232748	4008321232755	12
LUMILUX Colored T8 58 W/66	4050300024288	4008321205360	10
LUMILUX Colored T8 58 W/67	4050300024295	4008321205384	10

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

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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]
T8 Colored 18 W	QTi DALI 1x18/220-240 DIM	4050300870403	*	18.3	0.08	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x18/220-240 DIM	4050300870526	*	36.5	0.16	0.97	425.00	30.00	21.00	415	-20...+50 °C
	QTi DALI 3x18/220-240 DIM	4008321069979	*	53.6	0.24	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTi DALI 4x18/220-240 DIM	4008321070050	*	69.3	0.31	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTI 1x14/24/21/39 GII	4008321383334	*	19	0.09	0.93	360.00	30.00	28.00	350	-20...+50 °C
	QTI 1x18/220-240 DIM	4050300870601	*	19	0.08	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTI 2x14/24/21/39 GII	4008321383396	*	37	0.17	0.96	360.00	30.00	21.00	350	-20...+50 °C
	QTI 2x18/220-240 DIM	4050300870960	*	37	0.16	0.97	425.00	30.00	21.00	415	-20...+50 °C
	QTI 3x18/220-240 DIM	4008321069931	*	53.6	0.24	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTI 4x18/220-240 DIM	4008321070012	*	69.3	0.31	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTP8 1x18/230-240	4008321131584	*	18	0.09	0.96	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x18/230-240	4008321131607	*	35	0.17	0.97	423.00	30.00	30.00	415	-25...+55 °C
	QTP8 3x/4x18/230-240	4008321131706	*	73	0.32	0.99	423.00	40.00	30.00	415	-25...+50 °C
	QTP-DL 1x18-24	4008321117861	*	56	0.26	0.99	239.00	30.00	28.00	229	-25...+50 °C
	QTP-DL 2x18-24	4008321117885	*	18	0.09	0.95	239.00	40.00	28.00	229	-20...+50 °C
	QTP-M 1x26-42	4008321329134	*	37	0.17	0.98	103.00	67.00	31.00	110	-20...+50 °C
	QTP-M 2x26-32	4008321329158	*	19	0.10	0.88 c	123.00	79.00	33.00	129.5	-20...+50 °C
	QT-FIT8 1x18	4008321294180	*	19	0.09	0.95	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x18	4008321294241	*	36	0.16	0.98	360.00	30.00	28.00	350	-15...+50 °C
	QT-FIT8 3x/4x18	4008321294302	*	54	0.25	0.97	280.00	40.00	28.00	270	-15...+50 °C
	QT-FIT8 3x/4x18	4008321294302	*	74	0.33	0.99	280.00	40.00	28.00	270	-15...+50 °C
	QT-ECO 1x18-24/220-240 L	4050300660417	*	19	0.14	0.60 c	150.00	22.00	22.00	140	-15...+50 °C
	QT-ECO 1x18-24/220-240 S	4050300638560	*	19	0.14	0.60 c	80.00	40.00	22.00	72...75	-15...+50 °C
HF 1x18/230-240 DIM	4050300319254	*	19	0.09	0.95	360.00	30.00	30.00	350	0...+50 °C	
HF 2x18/230-240 DIM	4050300350950	*	36	0.17	0.97	423.00	30.00	30.00	415	0...+50 °C	
T8 Colored 30 W	QTi DALI 1x36/220-240 DIM	4050300870427	*	36	0.16	0.98	360.00	30.00	21.00	350	+10...+50 °C
	QTi DALI 2x36/220-240 DIM	4050300870885	*	69	0.31	0.98	423.00	30.00	21.00	415	+10...+50 °C
	QTI 1x36/220-240 DIM	4050300870625	*	36	0.16	0.98	360.00	30.00	21.00	350	+15...+50 °C
	QTI 2x36/220-240 DIM	4050300870755	*	69	0.31	0.98	425.00	30.00	21.00	415	+15...+50 °C
	QTP5 1x24-39	4008321329110	*	33	0.15	0.97	280.00	30.00	21.00	270	-20...+50 °C
QTP5 2x24-39	4008321329417	*	62	0.27	0.98	360.00	30.00	21.00	350	-20...+50 °C	

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HF 1x36/230-240 DIM	4050300297705	*	36	0.17	0.97	360.00	30.00	30.00	350	+15...+50 °C
HF 2x36/230-240 DIM	4050300350974	*	71	0.31	0.99	423.00	30.00	30.00	415	+15...+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]
T8 Colored 36 W	QTi DALI 1x36/220-240 DIM	4050300870427	*	36	0.16	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x36/220-240 DIM	4050300870885	*	69	0.30	0.98	423.00	30.00	21.00	415	-20...+50 °C
	QTi 1x14/24/21/39 GII	4008321383334	*	35	0.09	0.96	360.00	30.00	21.00	350	-20...+50 °C
	QTi 1x36/220-240 DIM	4050300870625	*	36	0.16	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x14/24/21/39 GII	4008321383396	*	70	0.31	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x36/220-240 DIM	4050300870755	*	69	0.31	0.98	425.00	30.00	21.00	415	-20...+50 °C
	QTP5 1x24-39	4008321329110	*	36	0.16	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x24-39	4008321329417	*	70	0.31	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTP8 1x36/230-240	4008321131621	*	35	0.16	0.96	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x36/230-240	4008321131645	*	72	0.31	0.98	423.00	30.00	30.00	415	-25...+55 °C
	QTP-DL 1x36-40	4008321117908	*	38	0.17	0.99	239.00	30.00	28.00	229	-20...+50 °C
	QTP-DL 2x36-40	4008321117922	*	80.5	0.35	0.99	280.00	40.00	28.00	270	-20...+50 °C
	QTP-M 1x26-42	4008321329134	*	35	0.16	0.97	103.00	67.00	31.00	110	-20...+50 °C
	QT-FIT8 1x36	4008321294203	*	36	0.16	0.96	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x36	4008321294265	*	71	0.32	0.98	360.00	30.00	28.00	350	-15...+50 °C
	QT-FIT8 3x36	4008321512055	*	105	0.48	0.99	280.00	40.00	28.00	270	-15...+50 °C
	QT-M 2x26-42/220-240 S	4008321110022	*	70	0.30	0.97	123.00	79.00	33.00	129.5	-20...+50 °C
	HF 1x36/230-240 DIM	4050300297705	*	36	0.17	0.97	360.00	30.00	30.00	350	0...+50 °C
	HF 2x36/230-240 DIM	4050300350974	*	71	0.31	0.99	423.00	30.00	30.00	415	0...+50 °C
	T8 Colored 38 W	QTi DALI 1x36/220-240 DIM	4050300870427	*	36	0.16	0.98	360.00	30.00	21.00	350
QTi DALI 2x36/220-240 DIM		4050300870885	*	69	0.31	0.98	423.00	30.00	21.00	415	+10...+50 °C
QTi 1x14/24/21/39 GII		4008321383334	*	35	0.09	0.96	360.00	30.00	21.00	350	-20...+50 °C
QTi 1x36/220-240 DIM		4050300870625	*	36	0.16	0.98	360.00	30.00	21.00	350	+15...+50 °C
QTi 2x36/220-240 DIM		4050300870755	*	69	0.31	0.98	425.00	30.00	21.00	415	+15...+50 °C
QTP8 1x36/230-240		4008321131621	*	35	0.16	0.96	360.00	30.00	21.00	350	-25...+55 °C
QTP8 2x36/230-240		4008321131645	*	70	0.31	0.98	423.00	30.00	30.00	415	-25...+55 °C
HF 1x36/230-240 DIM		4050300297705	*	36	0.17	0.97	360.00	30.00	30.00	350	+15...+50 °C
HF 2x36/230-240 DIM		4050300350974	*	71	0.31	0.99	423.00	30.00	30.00	415	+15...+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]
T8 Colored 58 W	QTi DALI 1x58/220-240 DIM	4050300870823	*	56	0.25	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x58/220-240 DIM	4050300870847	*	108	0.47	0.99	423.00	30.00	21.00	415	-20...+50 °C
	QTi 1x28/54/35/49 GII	4008321383358	*	55	0.24	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 1x58/220-240 DIM	4050300870908	*	56	0.25	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x28/54/35/49 GII	4008321383419	*	109	0.47	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x58/220-240 DIM	4050300870731	*	108	0.47	0.99	425.00	30.00	21.00	415	-20...+50 °C
	QTP5 1x54	4008321329394	*	55	0.25	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x54	4008321329097	*	109	0.48	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTP8 1x58/230-240	4008321131669	*	55	0.24	0.98	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x58/230-240	4008321131683	*	110	0.45	0.98	423.00	30.00	30.00	415	-25...+55 °C
	QT-FIT8 1x58-70	4008321294227	*	54	0.24	0.96	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x58-70	4008321294289	*	109	0.48	0.98	360.00	30.00	28.00	350	-15...+50 °C
	HF 1x58/230-240 DIM	4050300297729	*	58	0.25	0.98	360.00	30.00	30.00	350	0...+50 °C
	HF 2x58/230-240 DIM	4050300350998	*	116	0.48	0.99	423.00	30.00	30.00	415	0...+50 °C

*depends on the color. For more detailed information please contact our customer service.

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