

NATURA[®] T8

OSRAM NATURA[®] lamps have a specially tailored spectral distribution for professional presentation of food.



T8 NATURA[®]

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

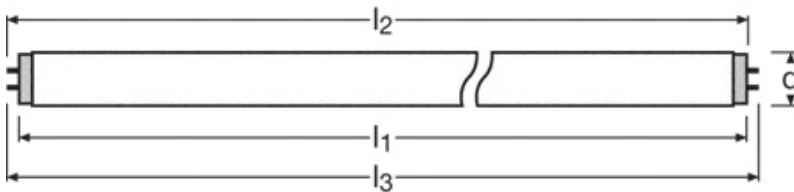
Benefits

- The specially tailored spectral distribution ensures that food looks fresh and appetizing, without unduly “beautifying” it
- Good shop light for butchers, bakers and even candlestick makers
- Especially suitable for the food sector (according to DIN 10504)
- The special spectral distribution of lamp ensures that food is presented in an appetizing light

Product Features

- Fluorescent lamp with 26 mm diameter
- Light color: NATURA (76)
- Average life: up to 20,000 h (preheat ECG)

Dimensions



Description	Base	Length (l1) [mm]	Length (l2) min [mm]	Length (l2) max [mm]	Length (l3) [mm]	Tube Diameter (d) max [mm]
NATURA T8 15 W	G13	437.4	432.1	434.5	451.6	26
NATURA T8 18 W	G13	589.8	594.5	596.9	604	26
NATURA T8 30 W	G13	894.6	899.3	901.7	908.8	26
NATURA T8 36 W	G13	1199.4	1204.2	1206.5	1213.6	26
NATURA T8 36 W - 1	G13	970	974.7	977.1	984.2	26
NATURA 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

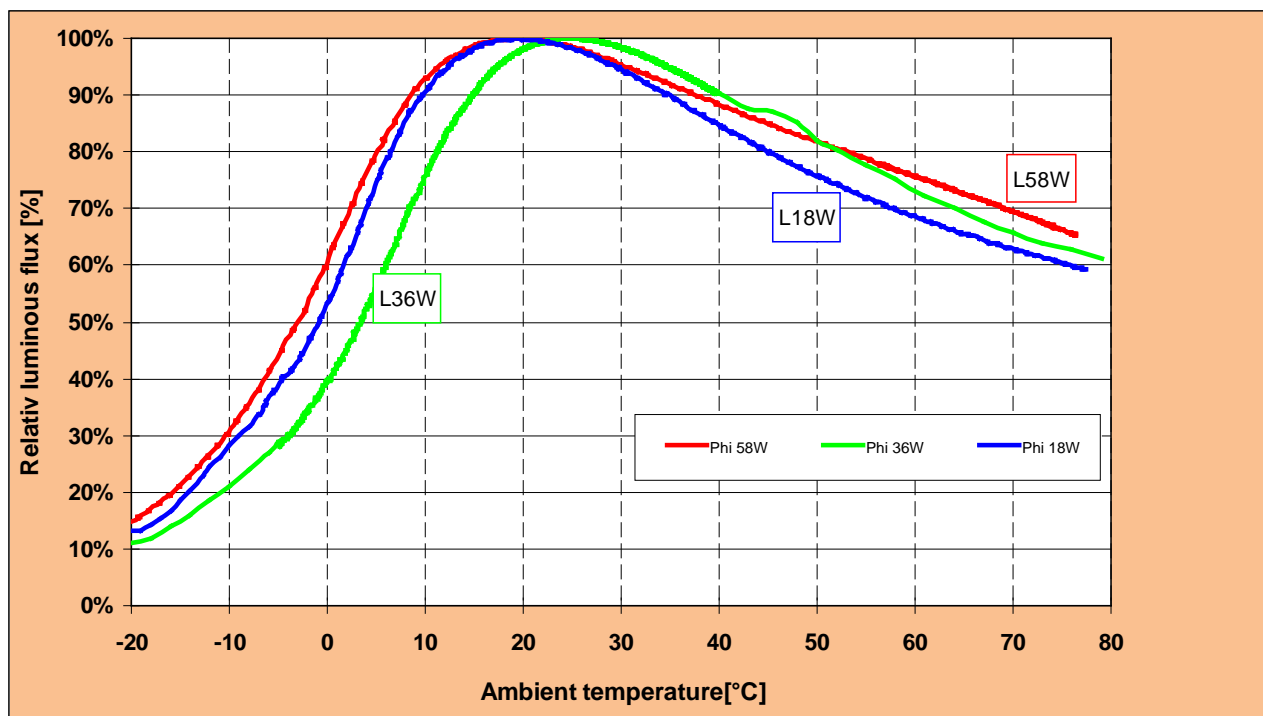
NATURA T8	Lamp Voltage [V]	Lamp Current rated [mA]	Pre-heat current [mA]
15 W	55	0.33	440
18 W	57	0.37	550
30 W	96	0.365	550
36 W	103	0.43	650
36 W - 1	81	556	730
58 W	110	0.67	1000

¹ According to IEC/EN 60081

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

T8	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]
15 W	76 NATURA	0.379	0.314	500	500	33
18 W	76 NATURA	0.379	0.314	750	750	42
30 W	76 NATURA	0.379	0.314	1300	1300	43
36 W	76 NATURA	0.379	0.314	1800	1800	50
36 W – 1	76 NATURA	0.379	0.314	1600	1600	44
58 W	76 NATURA	0.379	0.314	2850	2850	49

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	13,000 h

Logistic Data

Description	EAN 10	EAN 40	Packaging Unit
NATURA T8 15W/76	4050300018287	4008321918413	10
NATURA T8 18W/76	4050300010519	4008321205094	10
NATURA T8 30W/76	4050300010540	4008321205193	10
NATURA T8 36W/76	4050300010526	4008321145673	10
NATURA T8 36W/76 - 1	4050300010557	4008321205315	10
NATURA T8 58W/76	4050300010533	4008321205407	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.

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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]
NATURA T8 15 W	QTi DALI 1x18/220-240 DIM	4050300870403	500	19	0.08	0.97	360.00	30.00	21.00	350	+15...+50 °C
	QTi DALI 2x18/220-240 DIM	4050300870526	1000	37	0.16	0.97	425.00	30.00	21.00	415	+15...+50 °C
	QTi DALI 3x18/220-240 DIM	4008321069979	1500	53.6	0.24	0.98	360.00	40.00	21.00	350	+15...+50 °C
	QTi DALI 4x18/220-240 DIM	4008321070050	2000	69.3	0.31	0.98	360.00	40.00	21.00	350	+15...+50 °C
	QTi 1x18/220-240 DIM	4050300870601	500	19	0.08	0.97	360.00	30.00	21.00	350	+15...+50 °C
	QTi 2x18/220-240 DIM	4050300870960	1000	37	0.16	0.97	425.00	30.00	21.00	415	+15...+50 °C
	QTi 3x18/220-240 DIM	4008321069931	1500	53.6	0.24	0.98	360.00	40.00	21.00	350	+15...+50 °C
	QTi 4x18/220-240 DIM	4008321070012	2000	69.3	0.31	0.98	360.00	40.00	21.00	350	+15...+50 °C
	QTP-DL 1x18-24	4008321117861	500	17	0.08	0.95	239.00	30.00	28.00	229	-20...+50 °C
	QTP-DL 2x18-24	4008321117885	1000	32	0.15	0.98	150.00	22.00	22.00	140	-20...+50 °C
	QT-ECO 1x18-24/220-240 L	4050300660417	500	17	0.13	0.60 c	150.00	22.00	22.00	140	-15...+50 °C
	QT-ECO 1x18-24/220-240 S	4050300638560	500	17	0.13	0.60 c	80.00	40.00	22.00	72...75	-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]
NATURA T8 18 W	QTi DALI 1x18/220-240 DIM	4050300870403	750	18.3	0.08	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x18/220-240 DIM	4050300870526	1500	36.5	0.16	0.97	425.00	30.00	21.00	415	-20...+50 °C
	QTi DALI 3x18/220-240 DIM	4008321069979	2250	53.6	0.24	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTi DALI 4x18/220-240 DIM	4008321070050	3000	69.3	0.31	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTI 1x14/24/21/39 GII	4008321383334	750	19	0.09	0.93	360.00	30.00	28.00	350	-20...+50 °C
	QTI 1x18/220-240 DIM	4050300870601	750	19	0.08	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTI 2x14/24/21/39 GII	008321383396	1500	37	0.17	0.96	360.00	30.00	21.00	350	-20...+50 °C
	QTI 2x18/220-240 DIM	4050300870960	1500	37	0.16	0.97	425.00	30.00	21.00	415	-20...+50 °C
	QTI 3x18/220-240 DIM	4008321069931	2250	53.6	0.24	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTI 4x18/220-240 DIM	4008321070012	3000	69.3	0.31	0.98	360.00	40.00	21.00	350	-20...+50 °C
	QTP8 1x18/230-240	4008321131584	750	18	0.09	0.96	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x18/230-240	4008321131607	1500	35	0.17	0.97	423.00	30.00	30.00	415	-25...+55 °C
	QTP8 3x/4x18/230-240	4008321131706	2167	73	0.32	0.99	423.00	40.00	30.00	415	-25...+50 °C
	QTP-DL 1x18-24	4008321117861	722	56	0.26	0.99	239.00	30.00	28.00	229	-25...+50 °C
	QTP-DL 2x18-24	4008321117885	1444	18	0.09	0.95	239.00	40.00	28.00	229	-20...+50 °C
	QTP-M 1x26-42	4008321329134	722	37	0.17	0.98	103.00	67.00	31.00	110	-20...+50 °C
	QTP-M 2x26-32	4008321329158	1500	19	0.10	0.88 c	123.00	79.00	33.00	129.5	-20...+50 °C
	QT-FIT8 1x18	4008321294180	750	19	0.09	0.95	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x18	4008321294241	1500	36	0.16	0.98	360.00	30.00	28.00	350	-15...+50 °C
	QT-FIT8 3x/4x18	4008321294302	2250	54	0.25	0.97	280.00	40.00	28.00	270	-15...+50 °C
	QT-FIT8 3x/4x18	4008321294302	3000	74	0.33	0.99	280.00	40.00	28.00	270	-15...+50 °C
	QT-ECO 1x18-24/220-240 L	4050300660417	694	19	0.14	0.60 c	150.00	22.00	22.00	140	-15...+50 °C
	QT-ECO 1x18-24/220-240 S	4050300638560	694	19	0.14	0.60 c	80.00	40.00	22.00	72...75	-15...+50 °C
	HF 1x18/230-240 DIM	4050300319254	722	19	0.09	0.95	360.00	30.00	30.00	350	0...+50 °C
HF 2x18/230-240 DIM	4050300350950	1500	36	0.17	0.97	423.00	30.00	30.00	415	0...+50 °C	
NATURA T8 30 W	QTi DALI 1x36/220-240 DIM	4050300870427	1219	36	0.16	0.98	360.00	30.00	21.00	350	+10...+50 °C
	QTi DALI 2x36/220-240 DIM	4050300870885	2438	69	0.31	0.98	423.00	30.00	21.00	415	+10...+50 °C
	QTI 1x36/220-240 DIM	4050300870625	1219	36	0.16	0.98	360.00	30.00	21.00	350	+15...+50 °C
	QTI 2x36/220-240 DIM	4050300870755	2438	69	0.31	0.98	425.00	30.00	21.00	415	+15...+50 °C
	QTP5 1x24-39	4008321329110	1625	33	0.15	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x24-39	4008321329417	3088	62	0.27	0.98	360.00	30.00	21.00	350	-20...+50 °C
	HF 1x36/230-240 DIM	4050300297705	1571	36	0.17	0.97	360.00	30.00	30.00	350	+15...+50 °C
	HF 2x36/230-240 DIM	4050300350974	3142	71	0.31	0.99	423.00	30.00	30.00	415	+15...+50 °C

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NATURA T8 36 W	QTi DALI 1x36/220-240 DIM	4050300870427	1451	36	0.16	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x36/220-240 DIM	4050300870885	2901	69	0.30	0.98	423.00	30.00	21.00	415	-20...+50 °C
	QTi 1x14/24/21/39 GII	4008321383334	1800	35	0.09	0.96	360.00	30.00	21.00	350	-20...+50 °C
	QTi 1x36/220-240 DIM	4050300870625	1800	36	0.16	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x14/24/21/39 GII	4008321383396	3439	70	0.31	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x36/220-240 DIM	4050300870755	3600	69	0.31	0.98	425.00	30.00	21.00	415	-20...+50 °C
	QTP5 1x24-39	4008321329110	1719	36	0.16	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x24-39	4008321329417	3439	70	0.31	0.98	360.00	30.00	21.00	350	-20...+50 °C
	QTP8 1x36/230-240	4008321131621	1719	35	0.16	0.96	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x36/230-240	4008321131645	3439	72	0.31	0.98	423.00	30.00	30.00	415	-25...+55 °C
	QTP-DL 1x36-40	4008321117908	1827	38	0.17	0.99	239.00	30.00	28.00	229	-20...+50 °C
	QTP-DL 2x36-40	4008321117922	3654	80.5	0.35	0.99	280.00	40.00	28.00	270	-20...+50 °C
	QTP-M 1x26-42	4008321329134	1800	35	0.16	0.97	103.00	67.00	31.00	110	-20...+50 °C
	QT-FIT8 1x36	4008321294203	1800	36	0.16	0.96	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x36	4008321294265	3439	71	0.32	0.98	360.00	30.00	28.00	350	-15...+50 °C
	QT-FIT8 3x36	4008321512055	5642	105	0.48	0.99	280.00	40.00	28.00	270	-15...+50 °C
	QT-M 2x26-42/220-240 S	4008321110022	3439	70	0.30	0.97	123.00	79.00	33.00	129.5	-20...+50 °C
	HF 1x36/230-240 DIM	4050300297705	1800	36	0.17	0.97	360.00	30.00	30.00	350	0...+50 °C
HF 2x36/230-240 DIM	4050300350974	3439	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]
NATURA T8 58 W	QTi DALI 1x58/220-240 DIM	4050300870823	2740	56	0.25	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi DALI 2x58/220-240 DIM	4050300870847	5481	108	0.47	0.99	423.00	30.00	21.00	415	-20...+50 °C
	QTi 1x28/54/35/49 GII	4008321383358	2740	55	0.24	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 1x58/220-240 DIM	4050300870908	2740	56	0.25	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x28/54/35/49 GII	4008321383419	5481	109	0.47	0.99	360.00	30.00	21.00	350	-20...+50 °C
	QTi 2x58/220-240 DIM	4050300870731	5481	108	0.47	0.99	425.00	30.00	21.00	415	-20...+50 °C
	QTP5 1x54	4008321329394	2740	55	0.25	0.97	280.00	30.00	21.00	270	-20...+50 °C
	QTP5 2x54	4008321329097	5481	109	0.48	0.97	360.00	30.00	21.00	350	-20...+50 °C
	QTP8 1x58/230-240	4008321131669	2740	55	0.24	0.98	360.00	30.00	30.00	350	-25...+55 °C
	QTP8 2x58/230-240	4008321131683	5481	110	0.45	0.98	423.00	30.00	30.00	415	-25...+55 °C
	QT-FIT8 1x58-70	4008321294227	2740	54	0.24	0.96	280.00	30.00	28.00	270	-15...+50 °C
	QT-FIT8 2x58-70	4008321294289	5481	109	0.48	0.98	360.00	30.00	28.00	350	-15...+50 °C
	HF 1x58/230-240 DIM	4050300297729	2740	58	0.25	0.98	360.00	30.00	30.00	350	0...+50 °C
	HF 2x58/230-240 DIM	4050300350998	5481	116	0.48	0.99	423.00	30.00	30.00	415	0...+50 °C

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