

Fluorescent

LED Transformers
Halogen Transformers
Plug-in Systems
Switches/Dimmer/Sockets
Lamps

RA	Colour rendering of different fluorescents		
90 – 100			
70 – 89			
< 70			

Fluorescent lamps by OSRAM

- High light output to approx. 100lm/W, minimal power loss
- Low energy consumption with very long lamp life
- Low heat generation on the luminaire

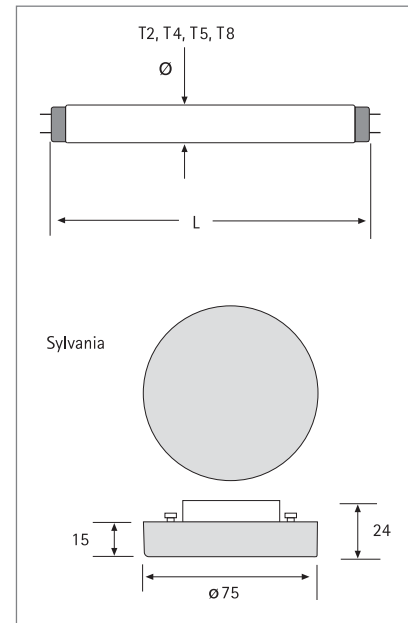
The description of a lamp, such as 36W/840, means:
Output 36W, colour rendering Ra: 8, colour temperature:
4000K = colour appearance cw (cool white)

Colour rendering:

9 = colour rendering Ra 90...100
8 = colour rendering Ra 80...89
7 = colour rendering Ra 70...79
6 = colour rendering Ra 60...69

Colour appearance / Colour temperature

27 = interna (2700K)
30 = warm white (3000K)
35 = white (3500K)
40 = cool white (4000K)
65 = daylight (6500K)



Special Light Colours

Special applications, such as meat/bread counters or refrigerated display shelves, call for light colours in which the red component has been harmonised with other colour components. This combination results in extremely natural shades that make foodstuffs look appetisingly fresh. For instance, Nature superb for meat products and cold cuts; interna for cakes and pastries, cheese and fruit. For further information on colour rendering, colour appearance and colour temperature, please refer to page 151 in the Appendix.

Article No.	Description	Dimensions	Luminous flux max.	Approx. weight
201 010 128 03	Fluorescent lamp T2 FM 11W/730 ww	L = 422mm T2 (Ø 7mm)	750lm	13 g
201 010 129 03	Fluorescent lamp T2 FM 11W/740 cw		750lm	13 g
201 010 128 04	Fluorescent lamp T2 FM 13W/730 ww	L = 523mm T2 (Ø 7mm)	930lm	20 g
201 010 129 04	Fluorescent lamp T2 FM 13W/740 cw		930lm	20 g
201 010 110 01	Fluorescent lamp T4/F 7W cw	L = 218mm T4 (Ø 13mm)	420lm	20 g
201 010 110 11	Fluorescent lamp T4/F 7W ww		420lm	20 g
201 010 110 02	Fluorescent lamp T4/F 10W cw	L = 294mm T4 (Ø 13mm)	700lm	30 g
201 010 110 12	Fluorescent lamp T4/F 10W ww		700lm	30 g
201 010 110 03	Fluorescent lamp T4/F 18W cw	L = 472mm T4 (Ø 13mm)	1350lm	40 g
201 010 110 13	Fluorescent lamp T4/F 18W ww		1350lm	40 g
201 010 401 01	Fluorescent lamp T5 HE 14W NATURE superb	L = 549mm T5 (Ø 16mm) High Efficiency	900lm	50 g
201 010 119 11	Fluorescent lamp T5 HE 14W/827 Lumilux interna		1200lm	50 g
201 010 120 72	Fluorescent lamp T5 HE 14W/830 Lumilux ww		1200lm	50 g
201 010 120 01	Fluorescent lamp T5 HE 14W/840 Lumilux cw		1200lm	50 g
201 010 120 81	Fluorescent lamp T5 HE 14W/865 Lumilux dl		1100lm	50 g

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201 010 401 02	Fluorescent lamp T5 HE 21W NATURE superb	L = 849mm T5 (Ø 16mm) High Efficiency	1400lm	75 g
201 010 119 12	Fluorescent lamp T5 HE 21W/827 Lumilux interna		1900lm	75 g
201 010 120 41	Fluorescent lamp T5 HE 21W/830 Lumilux ww		1900lm	75 g
201 010 120 02	Fluorescent lamp T5 HE 21W/840 Lumilux cw		1900lm	75 g
201 010 120 82	Fluorescent lamp T5 HE 21W/865 Lumilux dl		1750lm	75 g
201 010 401 03	Fluorescent lamp T5 HE 28W NATURE superb	L = 1149mm T5 (Ø 16mm) High Efficiency	1950lm	105 g
201 010 119 13	Fluorescent lamp T5 HE 28W/827 Lumilux interna		2600lm	105 g
201 010 120 51	Fluorescent lamp T5 HE 28W/830 Lumilux ww		2600lm	105 g
201 010 120 11	Fluorescent lamp T5 HE 28W/840 Lumilux cw		2600lm	105 g
201 010 120 83	Fluorescent lamp T5 HE 28W/865 Lumilux dl		2400lm	105 g
201 010 401 04	Fluorescent lamp T5 HE 35W NATURE superb	L = 1449mm T5 (Ø 16mm) High Efficiency	2450lm	135 g
201 010 119 14	Fluorescent lamp T5 HE 35W/827 Lumilux interna		3300lm	135 g
201 010 120 21	Fluorescent lamp T5 HE 35W/830 Lumilux ww		3300lm	135 g
201 010 120 31	Fluorescent lamp T5 HE 35W/840 Lumilux cw		3300lm	135 g
201 010 120 84	Fluorescent lamp T5 HE 35W/865 Lumilux dl		3050lm	135 g
201 010 117 12	Fluorescent lamp T5 HO 24W/830 Lumilux ww	L = 549mm T5 (Ø 16mm) High Output	1750lm	50 g
201 010 117 52	Fluorescent lamp T5 HO 24W/840 Lumilux cw		1750lm	50 g
201 010 117 11	Fluorescent lamp T5 HO 39W/830 Lumilux ww	L = 849mm T5 (Ø 16mm) High Output	3100lm	75 g
201 010 117 53	Fluorescent lamp T5 HO 39W/840 Lumilux cw		3100lm	75 g
201 010 117 13	Fluorescent lamp T5 HO 54W/830 Lumilux ww	L = 1149mm T5 (Ø 16mm) High Output	4450lm	105 g
201 010 117 51	Fluorescent lamp T5 HO 54W/840 Lumilux cw		4450lm	105 g
201 010 117 14	Fluorescent lamp T5 HO 49W/830 Lumilux ww	L = 1449mm T5 (Ø 16mm) High Output	4300lm	135 g
201 010 117 54	Fluorescent lamp T5 HO 49W/840 Lumilux cw		4300lm	135 g
201 010 117 41	Fluorescent lamp T5 HO 80W/830 Lumilux ww		6150lm	135 g
201 010 117 42	Fluorescent lamp T5 HO 80W/840 Lumilux cw		6150lm	135 g
201 010 112 06	Fluorescent lamp T5 L 6W/830 Lumilux ww	L = 212mm T5 (Ø 16mm)	320lm	20 g
201 010 111 08	Fluorescent lamp T5 L 6W/840 Lumilux cw		320lm	20 g
201 010 119 02	Fluorescent lamp T5 L 8W/827 Lumilux interna	L = 288mm T5 (Ø 16mm)	430lm	30 g
201 010 106 00	Fluorescent lamp T5 L 8W/830 Lumilux ww		430lm	30 g
201 010 111 07	Fluorescent lamp T5 L 8W/840 Lumilux cw		430lm	30 g
201 010 119 03	Fluorescent lamp T5 L 13W/827 Lumilux interna	L = 517mm T5 (Ø 16mm)	950lm	50 g
201 010 112 07	Fluorescent lamp T5 L 13W/830 Lumilux ww		950lm	50 g
201 010 111 09	Fluorescent lamp T5 L 13W/840 Lumilux cw		950lm	50 g
201 010 112 05	Fluorescent lamp T8 L 15W/830 Lumilux ww	L = 438mm T8 (Ø 26mm)	950lm	65 g
201 010 111 06	Fluorescent lamp T8 L 15W/840 Lumilux cw		950lm	65 g
201 010 112 08	Fluorescent lamp T8 L 16W/830 Lumilux ww	L = 720mm T8 (Ø 26mm)	1250lm	100 g
201 010 111 01	Fluorescent lamp T8 L 16W/840 Lumilux cw		1250lm	100 g
201 010 112 02	Fluorescent lamp T8 L 18W/830 Lumilux ww	L = 590mm T8 (Ø 26mm)	1350lm	90 g
201 010 111 02	Fluorescent lamp T8 L 18W/840 Lumilux cw		1350lm	90 g
201 010 112 01	Fluorescent lamp T8 L 30W/830 Lumilux ww	L = 895mm T8 (Ø 26mm)	2400lm	125 g
201 010 111 05	Fluorescent lamp T8 L 30W/840 Lumilux cw		2400lm	125 g
201 010 112 04	Fluorescent lamp T8 L 36W/830 Lumilux ww	L = 1200mm T8 (Ø 26mm)	3350lm	160 g
201 010 111 03	Fluorescent lamp T8 L 36W/840 Lumilux cw		3350lm	160 g
201 010 112 03	Fluorescent lamp T8 L 58W/830 Lumilux ww	L = 1500mm T8 (Ø 26mm)	5200lm	200 g
201 010 111 04	Fluorescent lamp T8 L 58W/840 Lumilux cw		5200lm	200 g
201 010 209 01	KompaktLL F 6W/827 230/240V interna Sylvania	Compact fluorescent lamp base GX 53 incl. electronic ballast	220lm	90 g
201 010 211 01	KompaktLL F 6W/830 230/240V ww Sylvania		220lm	90 g
201 010 210 01	KompaktLL F 6W/840 230/240V cw Sylvania		220lm	90 g
201 010 205 01	KompaktLL Dulux S 9W/840 cw	Compact fluorescent lamp base G23	600lm	40 g