



TL-D MASTER TL-D Optiview



Product Description

- Linear fluorescent lamps with a tubular 26 mm envelope

Product Features

- High-quality fluorescent coating tuned to simplify colour discrimination, supporting quick and optimal diagnosis
- Designed to comply with the critical diagnosis parameter Cyanosis Observation Index (COI), with COI <3 (normal fluorescent lamps: COI >6)
- Cool white colour
- Direct retrofit for existing fluorescent fittings operating on conventional or electronic gear

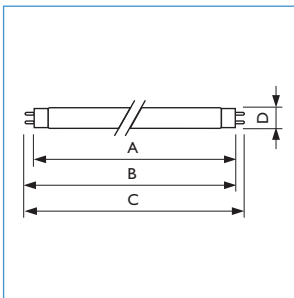
Product Benefits

- Optimally tuned to support medical staff in visual clinical patient observation; helps to reduce the risk of wrong diagnoses
- Improves early diagnosis of pathophysiological conditions that can be detected by changes in skin colour
- Simplifies medical tasks that require good colour discrimination (e.g. visibility of veins when taking blood samples)

- Meets all relevant hospital lighting standards (e.g. EN12464, DIN 5035-3, AS/NZS 1680.2.5), making it a safe and simple choice
- Clearly demonstrates the commitment of healthcare providers to avoiding unnecessary risks to patients, government and insurance companies
- Attractive 10 pcs./box packaging

Applications

- General lighting purposes in all areas of hospitals and (paramedical) clinics where there is interaction between patients and medical staff



Dimensions (mm)

Dim. no.	A		B		C	D
	max.	min.	max.	max.		
1	589.8	594.5	596.9	604	28	
2	1199.4	1204.1	1206.5	1213.6	28	
3	1500.0	1504.7	1507.1	1514.2	28	

Type	Wattage	Packing type	Packing configuration	Cap-Base	Colour Rendering Index (R _a)	Lamp Luminous Flux EM (lm)	Lamp Luminous Efficacy EM (lm/W)	Dim. no.	Ordering number
MASTER TL-D Optiview	18W	1SL	10	G13	93	1150	64	1	8711500... 893710 25
MASTER TL-D Optiview	36W	1SL	10	G13	93	2800	78	2	893765 25
MASTER TL-D Optiview	58W	1SL	10	G13	93	4550	78	3	893802 25

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Additional technical data

Product name	Lamp Wattage EM (W)	Lamp Voltage (V)	Lamp Current EM (A)	Lumen Maintenance 15000h (%)
MASTER TL-D Optiview 18W	18.0	59	0.36	90
MASTER TL-D Optiview 36W	36.0	103	0.44	90
MASTER TL-D Optiview 58W	58.5	111	0.67	90

Product name	Colour Temperature (K)	Colour Designation	Energy Efficiency Label (EEL)	Mercury (Hg) Content (mg)
MASTER TL-D Optiview 18W	5300	Daylight	B	5
MASTER TL-D Optiview 36W	5300	Daylight	B	5
MASTER TL-D Optiview 58W	5300	Daylight	B	5

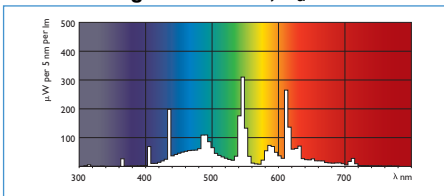
Logistic data

Product name	National Order Code	Packing type	Packing type description	Packs per outer box	Packing configuration
MASTER TL-D Optiview 18W	18950OPTIVIEW	1SL	1 Sleeve Open End	10	10
MASTER TL-D Optiview 36W	36950OPTIVIEW	1SL	1 Sleeve Open End	10	10
MASTER TL-D Optiview 58W	58950OPTIVIEW	1SL	1 Sleeve Open End	10	10

Product name	Quantity per pack	Packing length (mm)	Packing width (mm)	Packing height (mm)	Gross weight per piece (g)	Net weight per piece (g)
MASTER TL-D Optiview 18W	1	627	153	65	126.7	68.9
MASTER TL-D Optiview 36W	1	1215	146	68	247.5	138.4
MASTER TL-D Optiview 58W	1	1535	152	63	310.2	172.6

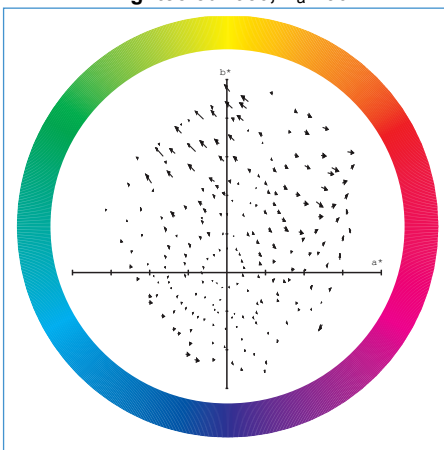
Spectral power distribution

Lightcolour 950, $R_a > 90$



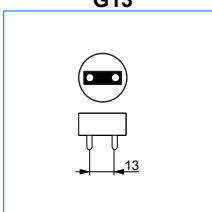
CRV diagrams

Lightcolour 950, $R_a > 90$



Cap/base

G13



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Additional extended technical data

Product name	Chromaticity Coordinate X	Chromaticity Coordinate Y	Dimmable	Bulb	Additional Information
MASTER TL-D Optiview 18W	340	352	yes	T8	High Lumen
MASTER TL-D Optiview 36W	340	352	yes	T8	High Lumen
MASTER TL-D Optiview 58W	340	352	yes	T8	High Lumen