



UV-B Narrowband TL

TL 40W/01 RS

Philips offers highly reliable T12 lamps with narrow waveband of between 305 and 315 nm which peaks at 311 nm. This makes these lamps suitable for various applications such as phototherapy, agriculture & curing.

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Photobiological Safety IEC 62471 Risk Group 3. WARNING UV is emitted from these products.

Product data

General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Life to 50% Failures (Nom)	9,000 hour(s)		
Useful Life (Nom)	2,000 hour(s)		
Light Technical			
Color Code	01		
Color Designation	Ultra Violet B		
Chromaticity Coordinate X (Nom)	208		
Chromaticity Coordinate Y (Nom)	192		
UV Depreciation at 1000 h	15 %		
UV Depreciation at 500 h	10 %		
Operating and Electrical			
Power Consumption	39 W		
Lamp Current (Nom)	0.43 A		
Voltage (Nom)	104 V		

Mechanical and Housing		
Bulb Shape	T38	
Net Weight (Piece)	292.000 g	
Approval and Application		
Mercury (Hg) Content (Nom)	5.5 mg	
UV		
UV-B Radiation 100 hr (IEC)	7.5 W	
UV-B Radiation 5hr (IEC)	7.7 W	
Product Data		
Order product name	TL 40W/01 RS	
Full product name	TL 40W/01 RS	
Full product code	871869666239700	
Order code	928011300130	
Material Nr. (12NC)	928011300130	
Numerator - Quantity Per Pack	1	

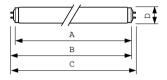
Datasheet, 2024, November 14 data subject to change

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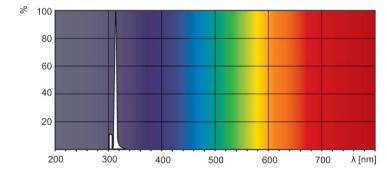
EAN/UPC - Product/Case	8718696662397	
Numerator - Packs per outer box	25	
EAN/UPC - Case	8718696662403	

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 40W/01 RS	40.5 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm



Photometric data



Spectral Power Distribution Colour - TL 40W/01 RS



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