



Medical Therapy Jaundice TL/TL-D – eliminating the need for blood transfusions

Medical Therapy Jaundice TL/TL-D

By emitting light almost entirely within the 400 to 500 nm bandwidth these Medical Therapy Jaundice TL/TL-D /52 lamps have no radiation from the short wave UVB waveband. They are therefore ideal for treating new born babies suffering from hyperbilirubinemia (neonatal jaundice) and Crigler-Najjar Syndrome (CNS). Moreover, the bandwidth of these lamps peak at the most effective treatment wavelength of 450 nm. This highly efficacious phototherapy treatment has eliminated the need for blood transfusions in almost all jaundiced infants. N.B.: Our UVB lamps are NOT registered with FDA as medical devices as they are NOT packaged or labeled for commercial distribution for health-related purposes. US customers are referred to the UVB and UVA lamp range brochure US version.

Benefits

- Optimal spectrum for photo-oxidative process to convert unconjugated bilirubin into a watersoluble form

Features

- Emission peak at 450 nm

Application

- Medical treatment of jaundice in new-born babies (hyperbilirubinaemia), Crigler - Najjar (CN) syndrome

Medical Therapy Jaundice TL/TL-D

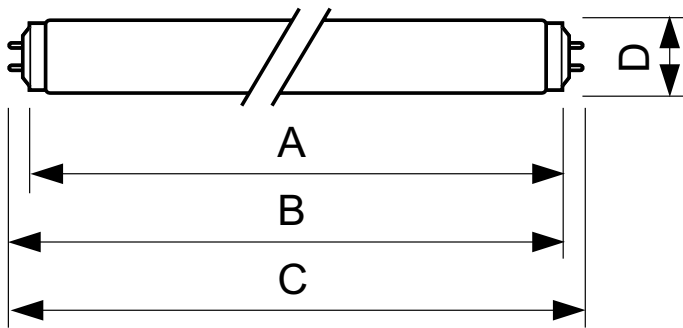
Versions



TL G13

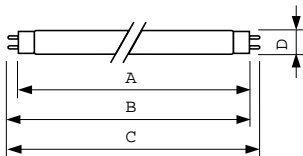
TL-D G13

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 20W/52 SLV/25	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 18W/52	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm



Operating and Electrical

Lamp Current (Nom)	0.36 A
Voltage (Nom)	59 V

General Information

Cap-Base	G13
Useful Life (Nom)	2000 h
Main Application	Medical Therapy

Light Technical

Color Code	52
Color Designation	Medical

Medical Therapy Jaundice TL/TL-D

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928003505203	TL 20W/52 SLV/25	8.0 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928048005211	TL-D 18W/52	13.0 mg

Controls and Dimming

Order Code	Full Product Name	Dimmable
928003505203	TL 20W/52 SLV/25	No

Order Code	Full Product Name	Dimmable
928048005211	TL-D 18W/52	Yes

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
928003505203	TL 20W/52 SLV/25	19.3 W

Order Code	Full Product Name	Power (Rated) (Nom)
928048005211	TL-D 18W/52	18 W

General Information

Order Code	Full Product Name	Life To 50% Failures (Nom)
928003505203	TL 20W/52 SLV/25	9000 h

Order Code	Full Product Name	Life To 50% Failures (Nom)
928048005211	TL-D 18W/52	13000 h

Light Technical

Order Code	Full Product Name	Beam Description	Luminous Flux (Nom)
928003505203	TL 20W/52 SLV/25	-	330 lm

Order Code	Full Product Name	Beam Description	Luminous Flux (Nom)
928048005211	TL-D 18W/52	-	395 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928003505203	TL 20W/52 SLV/25	T38

Order Code	Full Product Name	Bulb Shape
928048005211	TL-D 18W/52	T26

