

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

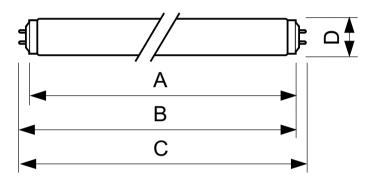




TL G13

TL-D G13

Dimensional drawing



TL 20W/52 SLV/25	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

B (max)

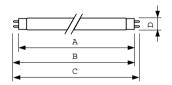
B (min)

C (max)

D (max)

A (max)

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		

Product

Medical Therapy Jaundice TL/TL-D

Approval and Application

928003505203 TL 20W/52 SLV/25 8.0 mg 928048005211 TL-D 18W/52 13.0 mg Controls and Dimming Order Code Full Product Name Dimmable Order Code Full Product Name Dimmable 928003505203 TL 20W/52 SLV/25 No 928048005211 TL-D 18W/52 Yes Operating and Electrical Order Code Full Product Name Power (Rated) (Nom) Order Code Full Product Name Power (Rated) (Nom) 928003505203 TL 20W/52 SLV/25 19.3 W 928048005211 TL-D 18W/52 18 W General Information Order Code Full Product Name Life To 50% Failures (Nom) 928048005211 TL-D 18W/52 13000 h 928003505203 TL 20W/52 SLV/25 9000 h 928048005211 TL-D 18W/52 13000 h	Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Order Code	Full Product Name	Mercury (Hg) Content (Nom)
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	•		eam Description	Luminous Flux (Nom)	Order Code	Full Product Name	Beam Description	Luminous Flux (Nom
Mechanical and Housing	928003505203	TL 20W/52 SLV/25 -		330 lm	928048005211	TL-D 18W/52	-	395 lm
	Machanical a							
Order Code Full Product Name Bulb Shape Order Code Full Product Name Bulb Shape	wechanical a							

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
928003505203	TL 20W/52 SLV/25	Т38	928048005211	TL-D 18W/52	T26



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