



Medical Therapy Jaundice PL-L – the compact way to eliminate the need for blood transfusions

Medical Therapy Jaundice PL-L/PL-S

By emitting light almost entirely within the 400 to 500 nm bandwidth these Medical Therapy Jaundice PL-L 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. In addition, with the compact format of this PL-L lamp equipment manufacturers have more design freedom in developing their solutions. By emitting a full spectrum of a high color temperature, the PL-L /953 lamps are ideal for treating SAD.

Benefits

- PL-L 18W/52: Optimal spectrum for photo-oxidative process to convert unconjugated bilirubin into a water soluble form
- PL-L 36W/953: Natural daylight

Features

- PL-L 18W/52: Emission peak at 450 nm
- PL-L 36W/953: Natural daylight spectrum and high light output for optimal effect

Medical Therapy Jaundice PL-L/PL-S

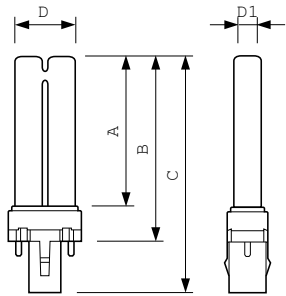
Application

- PL-L 18W/52: Medical treatment of jaundice in new-born babies (hyperbilirubinaemia), Crigler - Najjar (CN) syndrome
- PL-L 36W/953: SAD syndrome

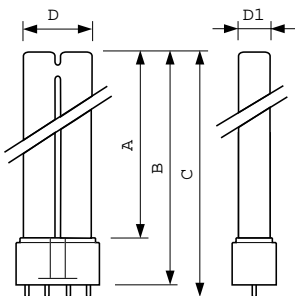
Versions



Dimensional drawing



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
PL-S 9W/52/2P 1CT/6X10BOX	13 mm	28 mm	129 mm	144.5 mm	167.5 mm



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
PL-L 18W/52/4P 1CT/25	18 mm	39 mm	188.2 mm	214 mm	220.6 mm

Light Technical

Colour Code 52

Operating and Electrical

Medical Therapy Jaundice PL-L/PL-S

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
64471880	PL-S 9W/52/2P 1CT/ 6X10BOX	0.17 A	60 V	8.6 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
80517800	PL-L 18W/52/4P 1CT/25	0.375 A	57 V	17.5 W

General Information

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)
64471880	PL-S 9W/52/2P 1CT/ 6X10BOX	G23	8000 h	2000 h

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)
80517800	PL-L 18W/52/4P 1CT/25	2G11	-	-

Light Technical

Order Code	Full Product Name	Luminous Flux (Nom)
64471880	PL-S 9W/52/2P 1CT/6X10BOX	130 lm

Order Code	Full Product Name	Luminous Flux (Nom)
80517800	PL-L 18W/52/4P 1CT/25	330 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
64471880	PL-S 9W/52/2P 1CT/6X10BOX	2xT12

Order Code	Full Product Name	Bulb Shape
80517800	PL-L 18W/52/4P 1CT/25	2xT16

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
64471880	PL-S 9W/52/2P 1CT/6X10BOX	-

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
80517800	PL-L 18W/52/4P 1CT/25	4.4 mg

