PHILIPS Lighting



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

Blue (/52) - 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

Blue (/52) - 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

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.

Versions

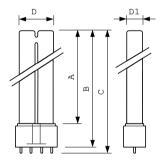




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XPPR XUMPLL 2G11
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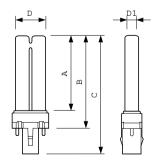
XPPR XUVBPLS 0001

Dimensional drawing



Product	DI (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

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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

Blue (/52) - PL-L, PL-S

Light Technical	
Color Code	52

General Information

Order Code	Full Product Name	Cap-Base	Order Code	Full Product Name	Cap-Base
927904105206	PL-L 18W/52/4P 1CT/25	2G11	927901705203	PL-S 9W/52/2P 1CT/6X10BOX	G23

Light Technical

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
927904105206	PL-L 18W/52/4P 1CT/25	330 lm	927901705203	PL-S 9W/52/2P 1CT/6X10BOX	130 lm

Operating and Electrical

		Lamp			
		Current	Voltage	Power	
Order Code	Full Product Name	(Nom)	(Nom)	Consumption	
927904105206	PL-L 18W/52/4P	0.375 A	57 V	17.5 W	
	1CT/25				

		Lamp		
		Current	Voltage	Power
Order Code	Full Product Name	(Nom)	(Nom)	Consumption
927901705203	PL-S 9W/52/2P 1CT/	0.17 A	60 V	8.6 W
	6X10BOX			

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
927904105206	PL-L 18W/52/4P 1CT/25	2xT16	927901705203	PL-S 9W/52/2P 1CT/6X10BOX	2XT12

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927904105206	PL-L 18W/52/4P 1CT/25	4.4 mg	927901705203	PL-S 9W/52/2P 1CT/6X10BOX	3.0 mg



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