



UV-B Narrowband PL-L/PL-S

PL-L 36W/01/4P 1CT

More than 400 independent clinical studies have proven that the UVB Narrowband PL-L/PL-S lamps are safer and more effective than any other lamps in their class. The PL-L/PL-S versions provide additional design freedom for system manufacturers since these are space-saving compact, single-ended lamps. Further flexibility is assured since they use the same lamp caps as general lighting lamps, they also use the same universal ballasts. Their best-in-class treatment effectiveness is a result of their very narrow waveband emission: between 305 and 315 nm with a peak at 311 nm. This is the most efficacious waveband for the treatment of psoriasis, and is therefore much more focused. As a result, exposure times are much shorter and this in turn leads to a reduction of side effects such as reddening of the skin and itching. All of this makes them ideal for phototherapy treatment of diseases such as psoriasis and vitiligo. What's more, because the overall dosage of this narrowband radiation can be closely controlled, these lamps are suitable for home therapy.

Product data

• General Characteristics

Cap-Base	2G11
Cap-Base Information	4 Pins
Bulb	2xT16
Main Application	Phototherapy
Useful Life	1000 hr
Life to 50% failures EL	1000 hr

• Light Technical Characteristics

Color Code	01
Chromaticity Coordinate X	228 -
Chromaticity Coordinate Y	230 -
Depreciation 500 hours	15 %
Depreciation 1000 hours	20 %

• Electrical Characteristics

Lamp Wattage	36 W
Lamp Wattage Technical	36 W
Lamp Voltage	105 V
Lamp Current	0.435 A

• UV-related Characteristics

UV-B Radiation 100hr (IEC)	4.8 W
----------------------------	-------

UV-B Radiation 5hr (IEC)	6.2 W
--------------------------	-------

• Product Dimensions

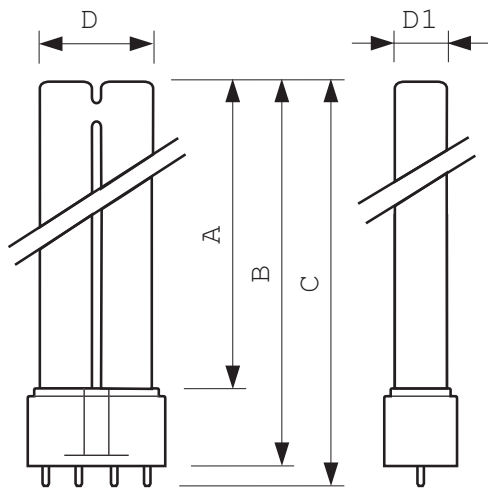
Base Face to Base Face A	384.2 (max) mm
Insertion Length B	410 (max) mm
Overall Length C	416.6 (max) mm
Diameter D	39 (max) mm
Diameter D1	18 (max) mm

• Product Data

Order code	927903400121
Full product code	927903400121
Full product name	PL-L 36W/01/4P 1CT
Order product name	PL-L 36W/01/4P 1CT/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500868893
Bar code on outerbox - EAN3	8711500868909
Logistic code(s) - 12NC	927903400121
Net weight per piece	104.000 gr

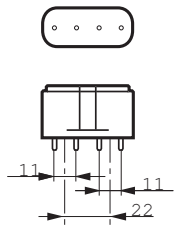
PHILIPS

Dimensional drawing



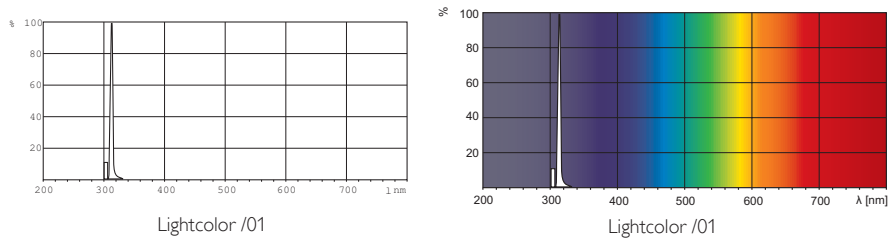
PL-L 36W/01/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 36W/01/4P	384.2	410	416.6	39	18



G11

Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, November 10
data subject to change