



PL-L

16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

Philips InstantFit LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps.

Product data

General Information	
Cap-Base	2G11
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,300 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	139.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	40000-160000 Hz
Input Frequency	40000-160000 Hz
Power Consumption	16.5 W
Lamp Current (Max)	400 mA
Lamp Current (Min)	200 mA
Wattage Equivalent	40 W

Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	70-110 V
UL Type	UL Type A
Temperature	
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	564 mm
Bulb Shape	PL-L
Net Weight (Piece)	0.170 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh

Energy Certifications	DLC Standard
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

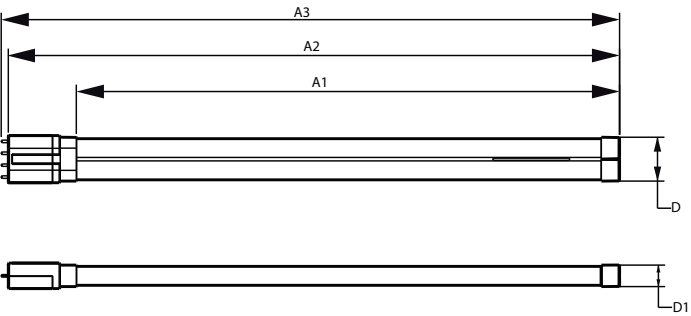
can it be used in closed luminaires	Yes
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Product Data

Order product name	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1
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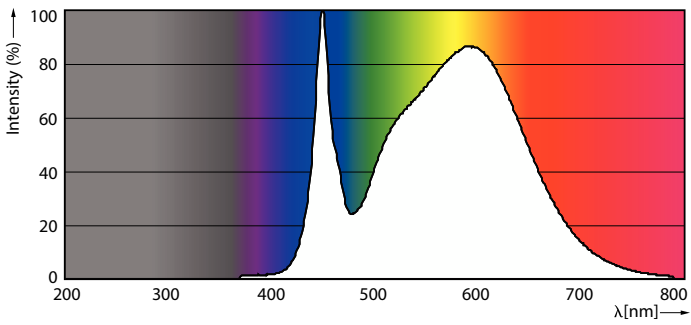
Full product name	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1
Order code	929001893704
Material Nr. (12NC)	929001893704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532918
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677532913

Dimensional drawing

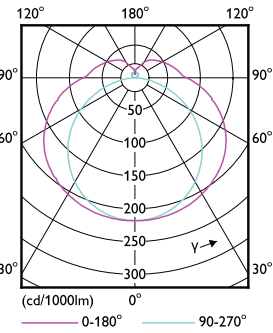


Product	D1	D	A1	A2	A3
16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	20 mm	40.6 mm	501 mm	564 mm	570.6 mm

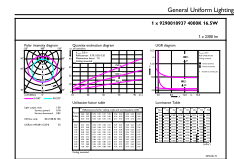
Photometric data



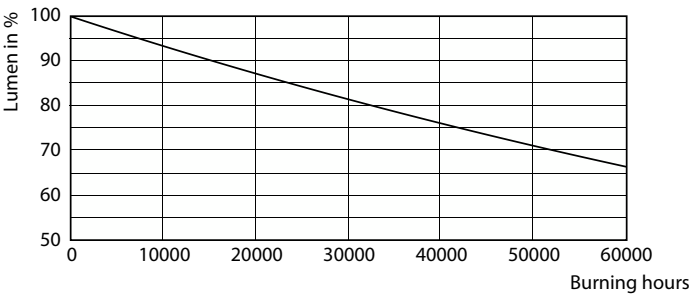
Spectral Power Distribution Colour - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



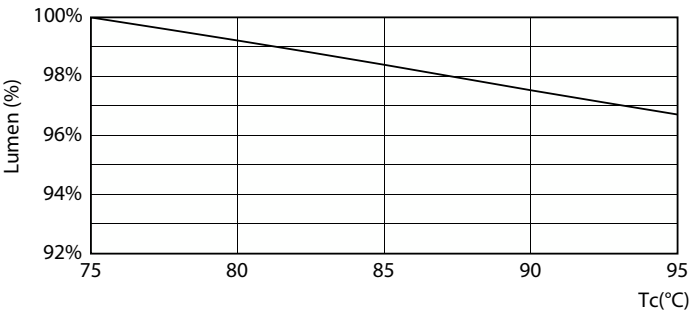
Light Distribution Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



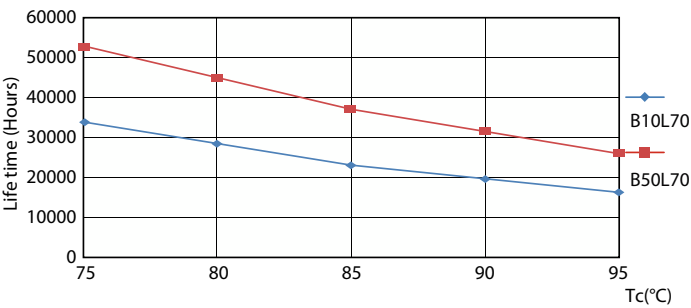
Lifetime



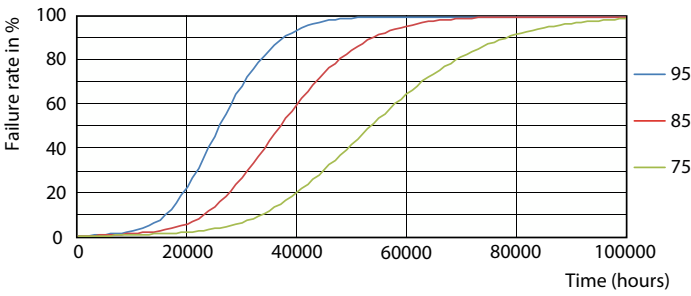
Lumen Maintenance Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



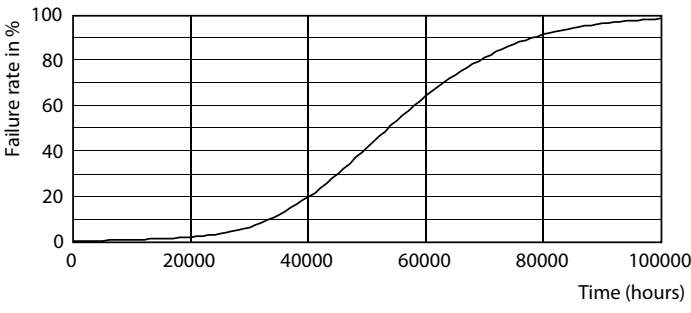
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16-5W 2G11



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