



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	
Lighting Technology	LED
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Cap-Base	2G11 [2G11]
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,300 lumen
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
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
Temperature	
Ambient temperature range	-20 °C to 45 °C
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	580 mm
Bulb Shape	Tube, single-ended
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

Product Data	
Order product name	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1
Order code	532911
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

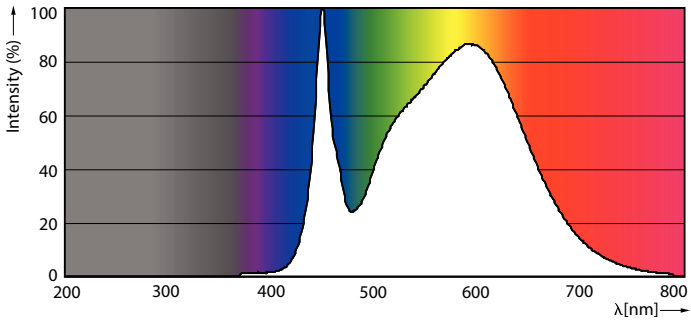
Dimensional drawing



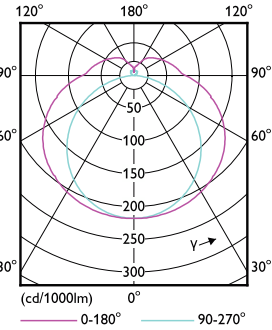
Material number (12NC)	929001893704
Full product name	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1
EAN/UPC - Case	50046677532913

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

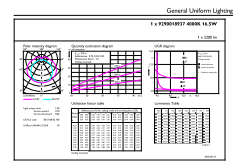
Photometric data



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

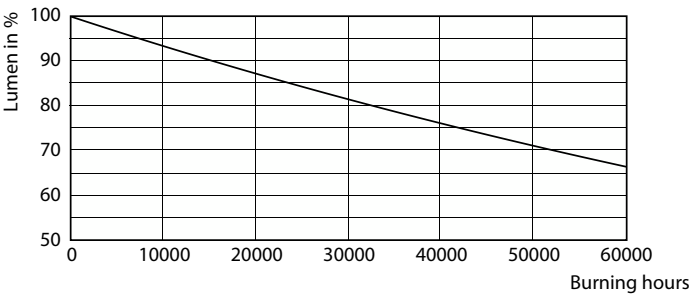


Light Distribution Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

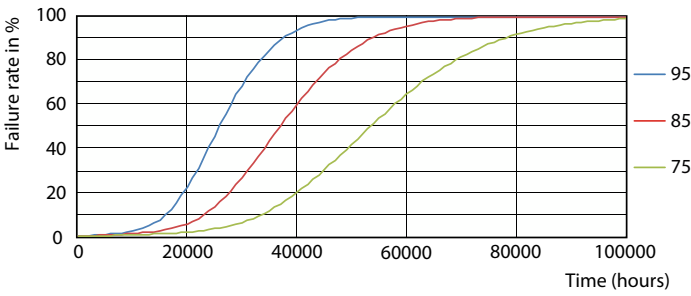


General uniform lighting - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

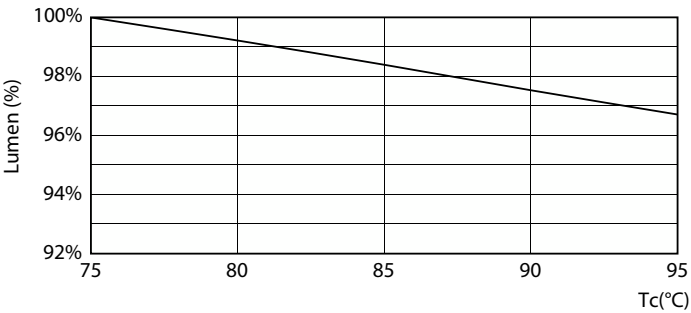
Lifetime



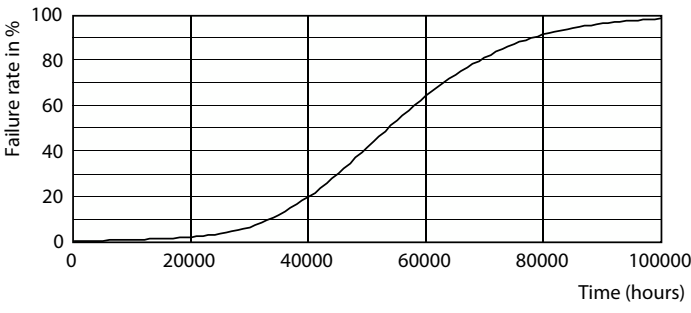
Lumen Maintenance Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



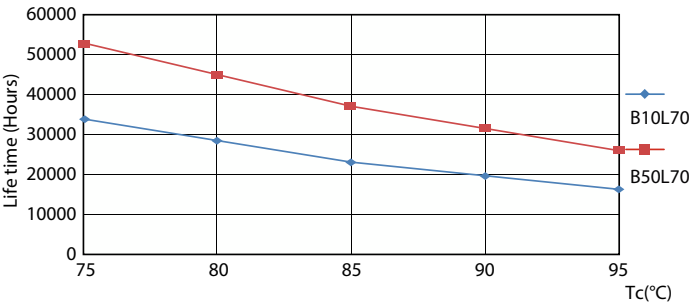
Life Expectancy Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



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



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



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