



# PL-L

## 16.5PL-L/COR/22-830/IF22/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

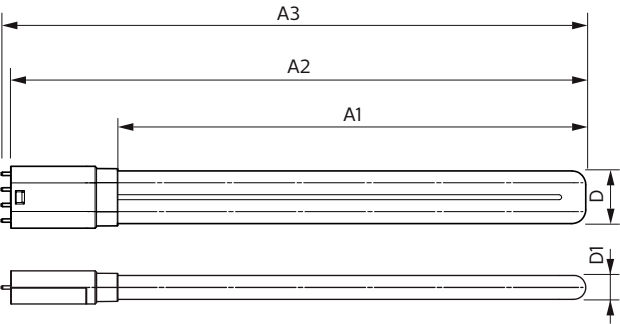
General Information	
Lighting Technology	LED
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Cap-Base	2G11 [2G11]
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,200 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	133.00 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/22-830/IF22/P/4P/DIM 10/1
Order code	532895
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

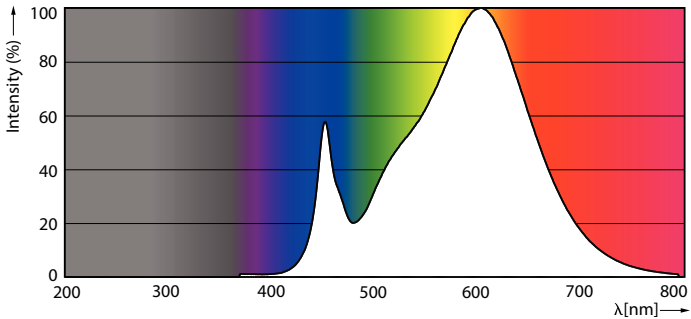
Material number (12NC)	929001893504
Full product name	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1
EAN/UPC - Case	50046677532890

Dimensional drawing

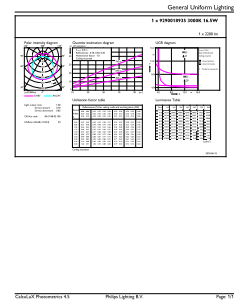


Product	D	D1	A1	A2	A3
16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	40.6 mm	20 mm	501 mm	564 mm	570.6 mm

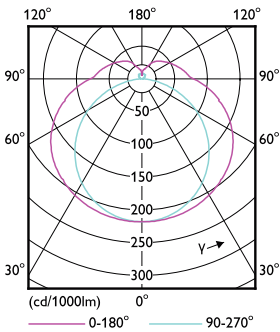
Photometric data



Spectral Power Distribution Colour - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

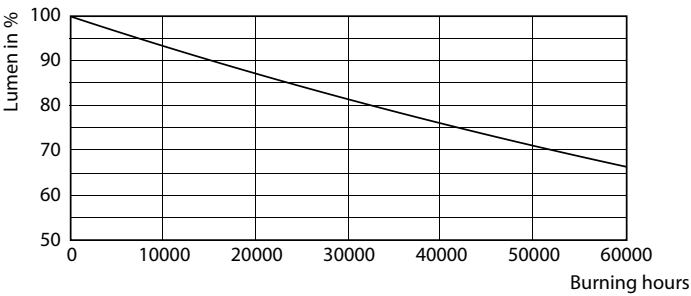


General uniform lighting - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

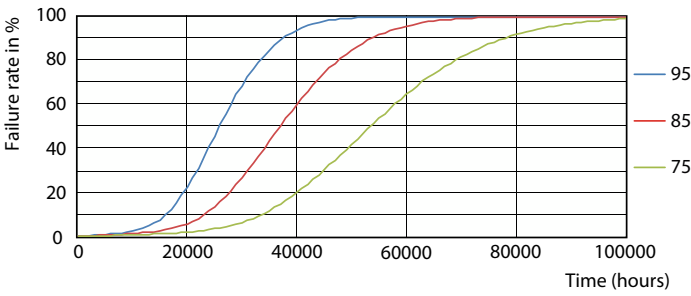


Light Distribution Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

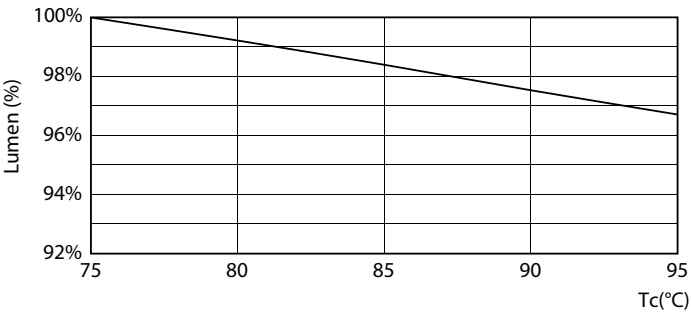
Lifetime



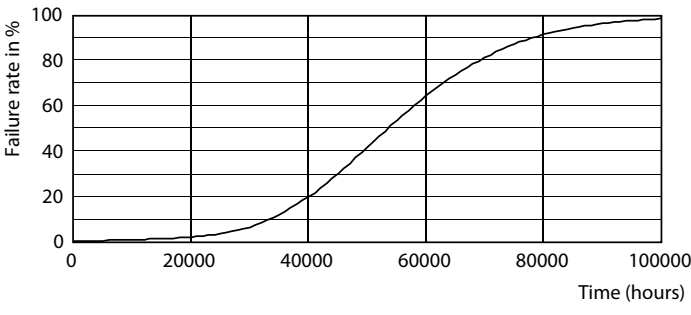
Lumen Maintenance Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1



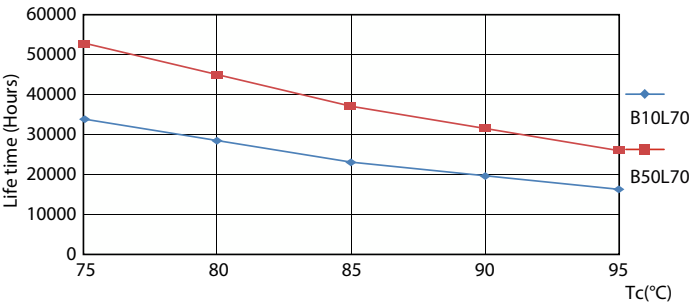
Life Expectancy Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1



Lumen Maintenance Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1



Life Expectancy Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1



Life Expectancy Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

