

## 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			
3				

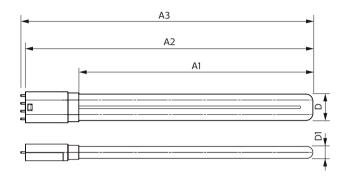
Power Factor (Fraction)	0.9			
Voltage (Nom)	70-110 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	75 ℃			
Controls and Dimming				
Dimmable	Only with specific dimmers			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	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			

Datasheet, 2023, April 14 data subject to change

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

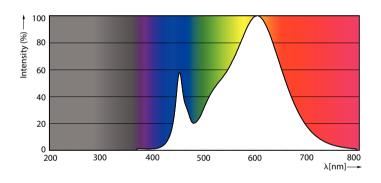
Material number (12NC)	929001893504		
Full product name	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1		
EAN/UPC - Case	50046677532890		

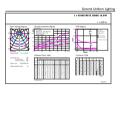
## Dimensional drawing



Product	D	D1	A1	A2	А3
16.5PL-L/COR/22-830/IF22/P/4P/DIM	40.6 mm	20 mm	501 mm	564 mm	570.6 mm
10/1					

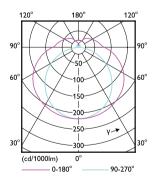
#### Photometric data





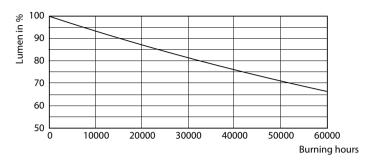
Spectral Power Distribution Colour - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

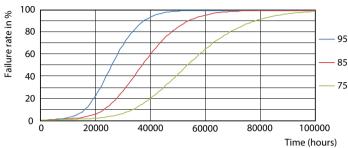
## General uniform lighting - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1



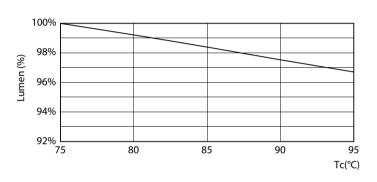
Light Distribution Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

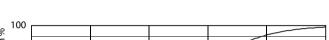
#### Lifetime



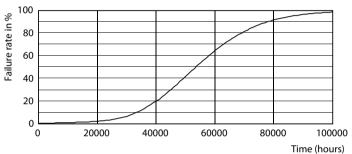


Lumen Maintenance Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

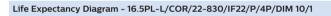


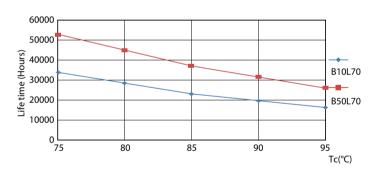


Life Expectancy Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1



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



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