



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		Power Factor (Fraction)		0.9
Lighting Technology	LED	Voltage (Nom)	70-110 V	
Switching Cycle	50,000	Temperature		
Nominal lifetime	50,000 hour(s)	Ambient temperature range	-20 °C to 45 °C	
Cap-Base	2G11 [2G11]	T-Case Maximum (Nom)	75 °C	
Light Technical		Controls and Dimming		
Color Code	830 [CCT of 3000K]	Dimmable	Only with specific dimmers	
Beam Angle (Nom)	160 degree(s)	Mechanical and Housing		
Luminous Flux	2,200 lumen	Bulb Finish	Frosted	
Color Designation	White (WH)	Bulb Material	Plastic	
Correlated Color Temperature (Nom)	3000 K	Product Length	580 mm	
Luminous Efficacy (rated) (Nom)	133.00 lm/W	Bulb Shape	Tube, single-ended	
Color Consistency	<6	Approval and Application		
Color rendering index (CRI)	82	Energy Saving Product	Yes	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval Marks	UL certificate RoHS compliance DLC compliance	
Operating and Electrical		Energy Consumption kWh/1000 h	- kWh	
Line Frequency	40000-160000 Hz	Energy Certifications	DLC Standard	
Input Frequency	40000-160000 Hz	EU RoHS compliant	Yes	
Power Consumption	16.5 W			
Wattage Equivalent	40 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			

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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

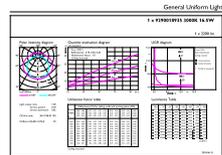
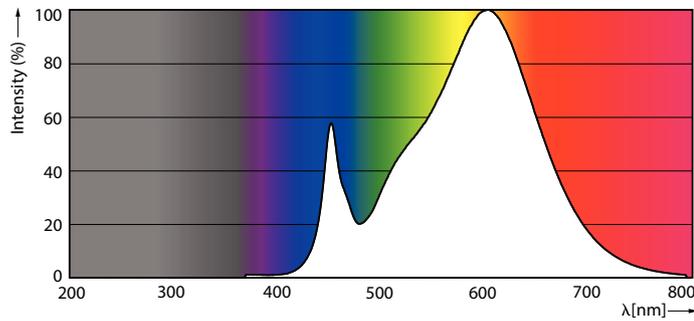
Material number (12NC)	929001893504
Full product name	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1
EAN/UPC - Case	50046677532890

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

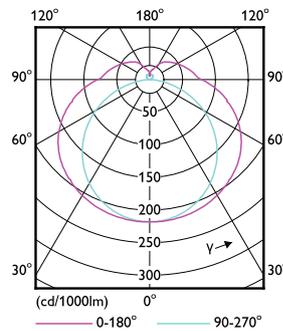
Photometric data



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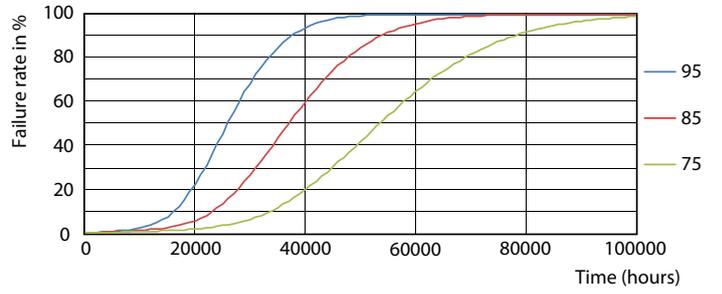
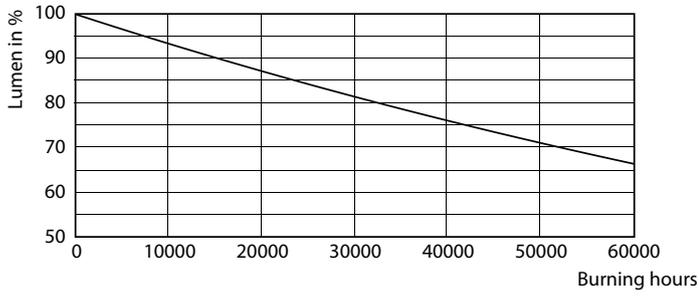
Spectral Power Distribution Colour - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

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



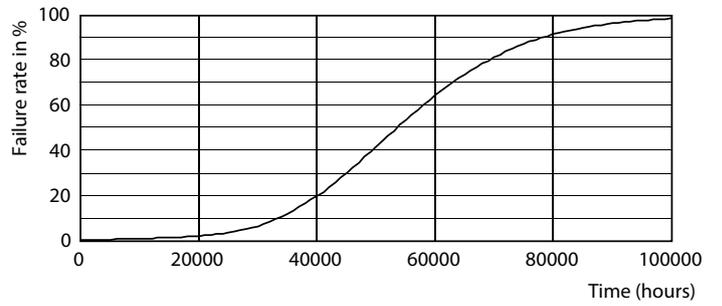
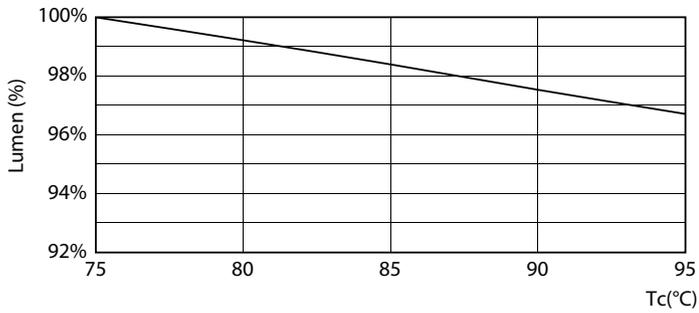
Light Distribution Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

Lifetime



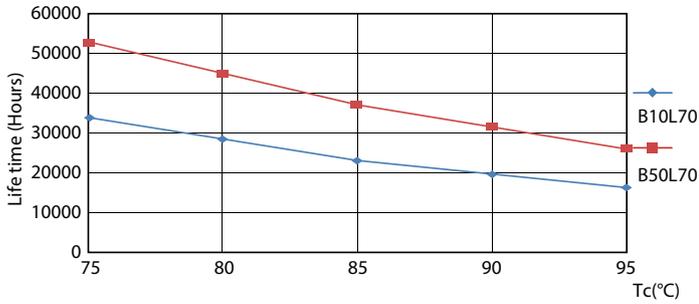
Lumen Maintenance Diagram - 16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1

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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