



PL-L

16PL-L/COR/36-5CCT/MF20/G/4P 10/1

CorePro, LED, PL-L, 16 W, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 1900 lm, 1900 lm, 1900 lm, 2000 lm, 2000 lm, 50000 hour(s)

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	2700/3000/3500/4000/5000
Beam Angle (Nom)	140 degree(s)
Luminous Flux	1,900 1,900 1,900 2,000 2,000 lm
Color Designation	2700/3000/3500/4000/5000
Correlated Color Temperature (Nom)	2700 3000 3500 4000 5000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz

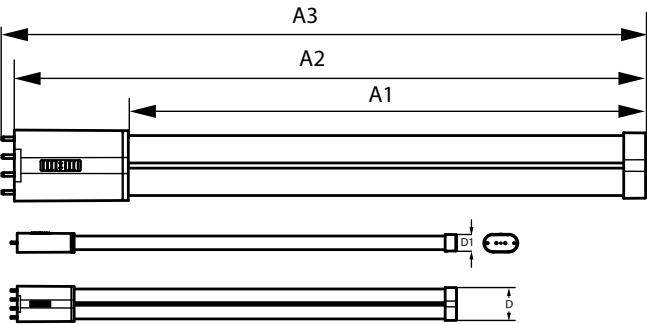
Power Consumption	16 W
Lamp Current (Max)	165 mA
Lamp Current (Min)	75 mA
Wattage Equivalent	36 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	406 mm

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Bulb Shape	PL-L
Net Weight (Piece)	0.130 kg
Approval and Application	
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	16PL-L/COR/36-5CCT/MF20/G/4P 10/1

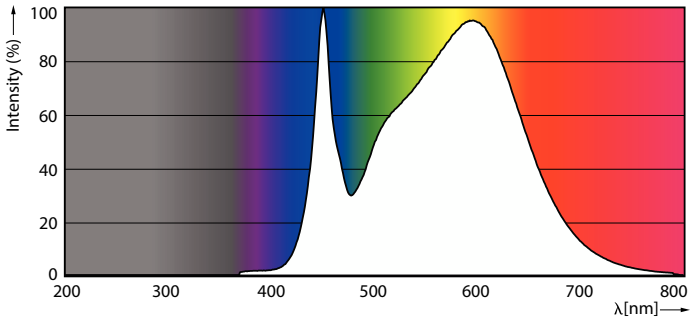
Full product name	16PL-L/COR/36-5CCT/MF20/G/4P 10/1
Order code	929004602604
Material Nr. (12NC)	929004602604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677607142
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677607147

Dimensional drawing

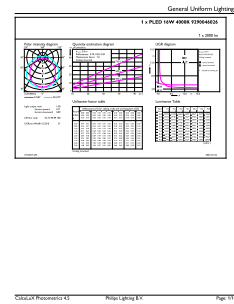


Product	D1	D	A1	A2	A3
16PL-L/COR/36-5CCT/MF20/G/4P 10/1	21 mm	41 mm	336 mm	406 mm	415 mm

Photometric data

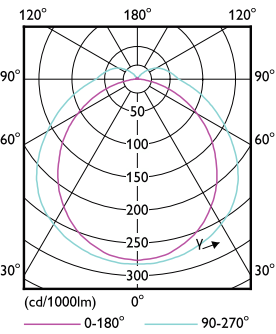


Spectral Power Distribution Colour - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



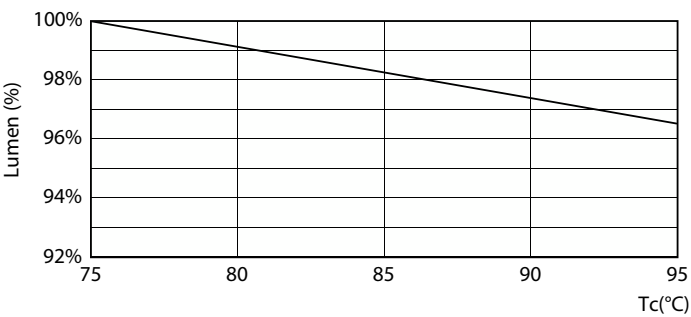
General uniform lighting - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

Photometric data

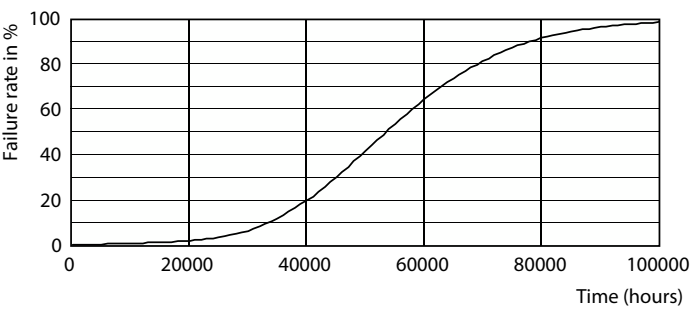


Light Distribution Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

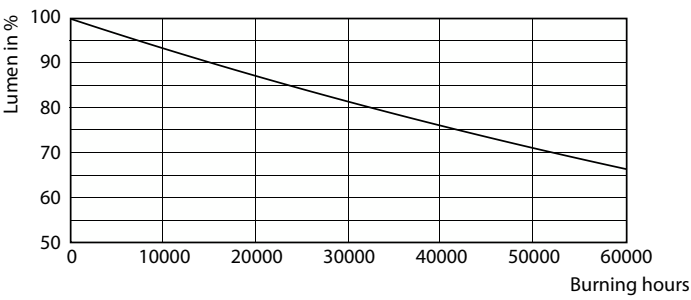
Lifetime



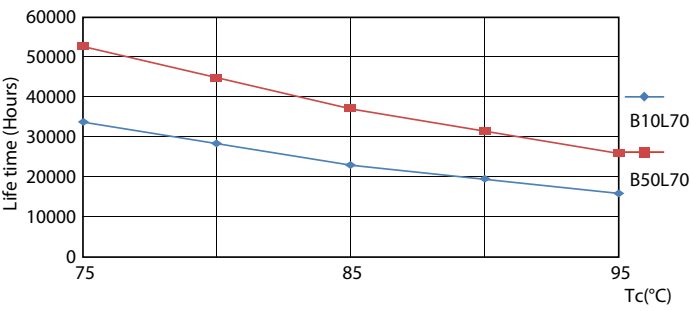
Lumen Maintenance Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



Life Expectancy Diagram

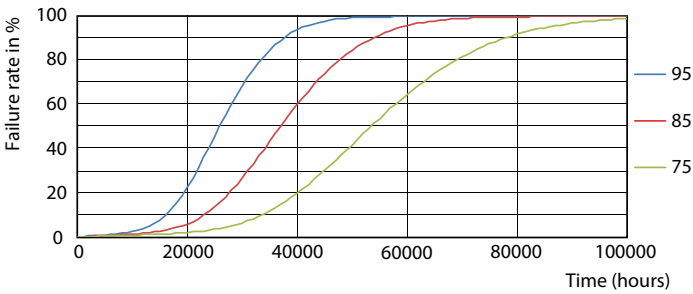


Lumen Maintenance Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



LEDtube 50K 7595 LifetimeVsTc-LED

Lifetime



LEDtube 50K 7595 FailureRate-LED

