



PL-L

8PL-L/COR/18-5CCT/MF9/G/4P 10/1

CorePro, LED, PL-L, 8 W, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 900 lm, 900 lm, 900 lm, 950 lm, 950 lm, 50000 hour(s)

Philips MainsFit (UL Type B) 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	Power Consumption	8 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	90 mA
Switching Cycle	50,000	Lamp Current (Min)	40 mA
Lighting Technology	LED	Wattage Equivalent	18 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
Light Technical		Temperature	
Color Code	2700/3000/3500/4000/5000	T-Case Maximum (Nom)	167 °F
Beam Angle (Nom)	140 degree(s)		
Luminous Flux	900 900 900 950 950 lm		
Color Designation	2700/3000/3500/4000/5000		
Correlated Color Temperature (Nom)	2700 3000 3500 4000 5000 K		
Luminous Efficacy (rated) (Nom)	118 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	82		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Controls and Dimming	
Input Frequency	50 to 60 Hz	Dimmable	Only with specific dimmers
		Mechanical and Housing	
		Bulb Finish	Frosted
		Bulb Material	Glass
		Product Length	8-1/2 inch

PL-L

Bulb Shape	PL-L
Net Weight (Piece)	0.187 lb

Approval and Application

EU RoHS compliant	Yes
Ambient temperature range	-4 to +113 °F

Application Conditions

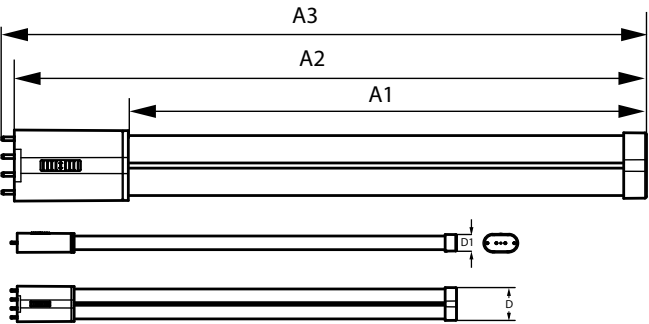
can it be used in closed luminaires	Yes
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Product Data

Order product name	8PL-L/COR/18-5CCT/MF9/G/4P 10/1
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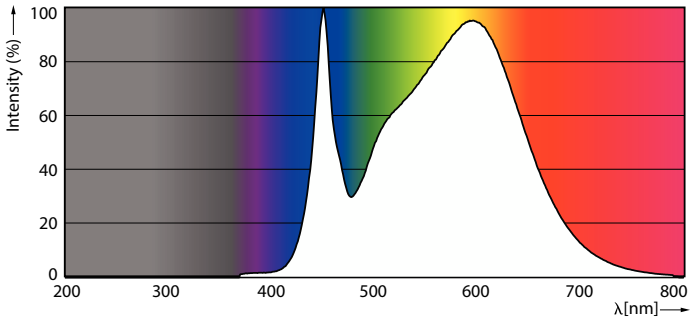
Full product name	8PL-L/COR/18-5CCT/MF9/G/4P 10/1
Order code	607127
Material Nr. (12NC)	929004602404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677607128
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677607123

Dimensional drawing

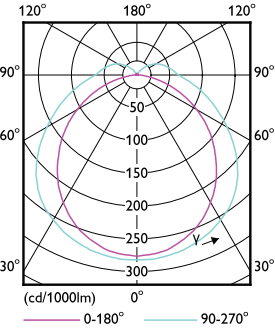


Product	D1	D	A1	A2	A3
8PL-L/COR/ 18-5CCT/MF9/G/4P 10/1	7/8 inch	1-5/8 inch	5-3/4 inch	8-1/2 inch	8-7/8 inch

Photometric data

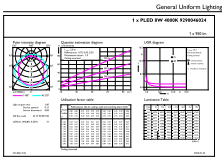


Spectral Power Distribution Colour - 8PL-L/COR/18-5CCT/MF9/G/4P 10/1



Light Distribution Diagram - 8PL-L/COR/18-5CCT/MF9/G/4P 10/1

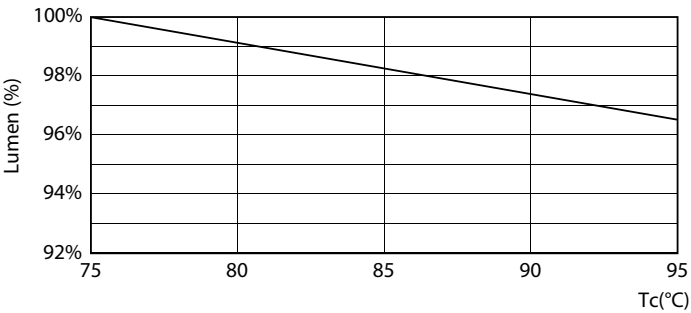
Photometric data



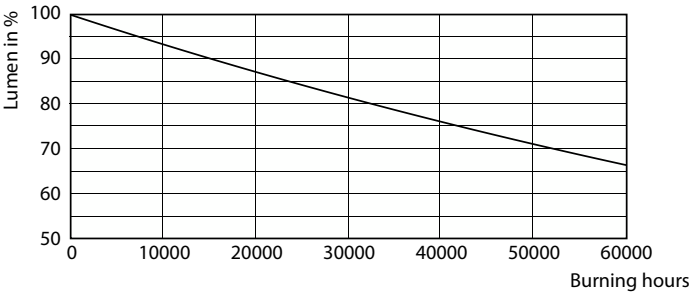
General Uniform Lighting - 8PL-L/COR/18-5CCT/MF9/G/4P 10/1

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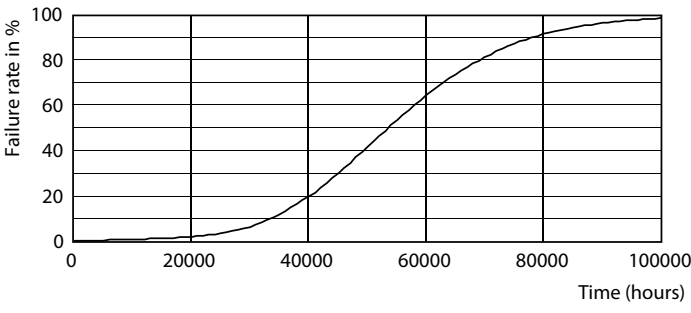
Lifetime



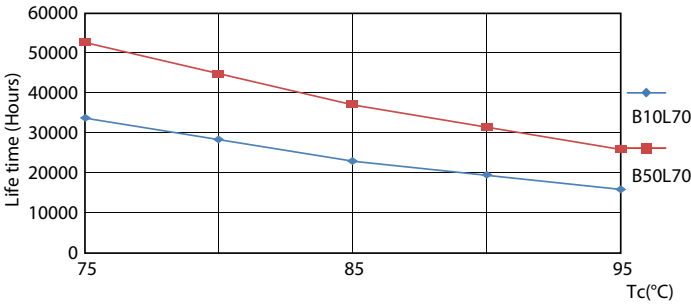
Lumen Maintenance Diagram - 8PL-L/COR/18-5CCT/MF9/G/4P 10/1



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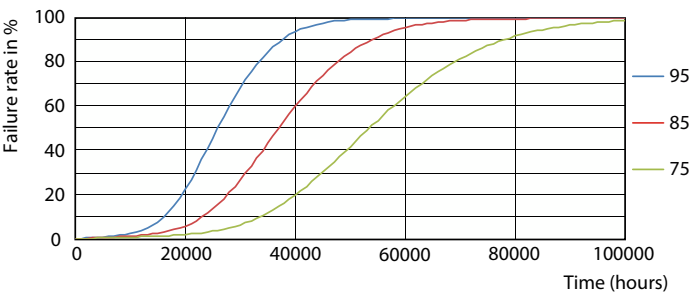


Life Expectancy Diagram



LEDtube 50K 7595 LifetimeVsTc-LED

Lifetime



LEDtube 50K 7595 FailureRate-LED

