



PL-S

5PL-S/COR/9H-5CCT/MF5/P/2P 20/1

CorePro, LED, PL-S, 4.5 W, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 475 lm, 475 lm, 475 lm, 500 lm, 500 lm, 50000 hour(s)

Philips LED PL-S lamps make the transition to LED from CFL lamps as simple as replacing a lamp. The InstantFit (UL Type A) single-CCT and MainsFit (UL Type B) multi-CCT, 2-pin PL-S LED lamps are available for the selection. They offer a quickly and effectively replacement for 9W or 13W compact fluorescent PL-S lamps.

Product data

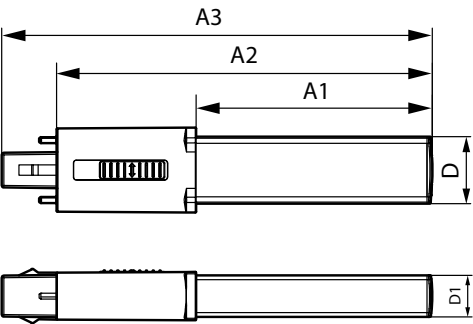
General Information	
Cap-Base	G23
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	2700/3000/3500/4000/5000
Beam Angle (Nom)	140 degree(s)
Luminous Flux	475 475 475 500 500 lm
Color Designation	2700/3000/3500/4000/5000
Correlated Color Temperature (Nom)	2700 3000 3500 4000 5000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
All-in Type	All-in, Multi Color Temperature

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	4.5 W
Lamp Current (Max)	40 mA
Lamp Current (Min)	20 mA
Wattage Equivalent	9 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
UL Type	UL Type B
Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	145 mm
Bulb Shape	PL-S
Net Weight (Piece)	0.045 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	Yes

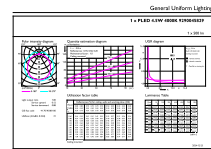
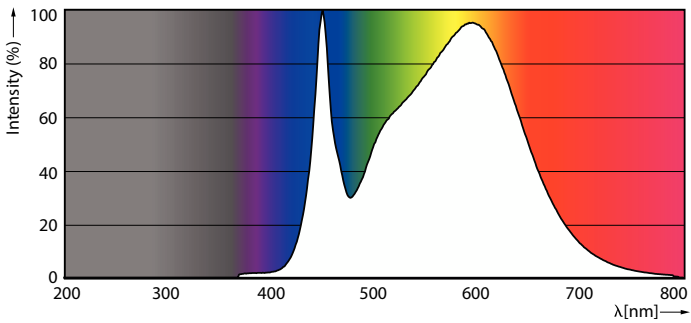
Product Data	
Order product name	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1
Full product name	5PL-S/COR/9H-5CCT/MF5/P/2P 20/1
Order code	929004582904
Material Nr. (12NC)	929004582904
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677606565
Numerator - Packs per outer box	20
EAN/UPC - Case	50046677606560

Dimensional drawing



Product	D1	D	A1	A2	A3
5PL-S/COR/9H-5CCT/MF5/P/2P 20/1	16 mm	26 mm	91 mm	145 mm	166 mm

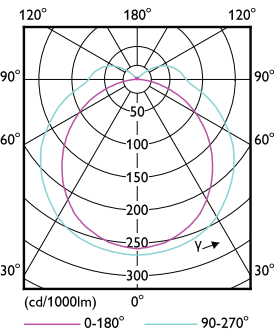
Photometric data



Spectral Power Distribution Colour - 5PL-S/COR/9H-5CCT/MF5/P/2P 20/1

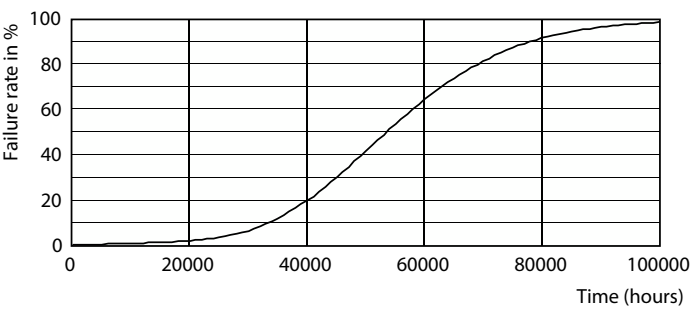
General uniform lighting - 5PL-S/COR/9H-5CCT/MF5/P/2P 20/1

Photometric data

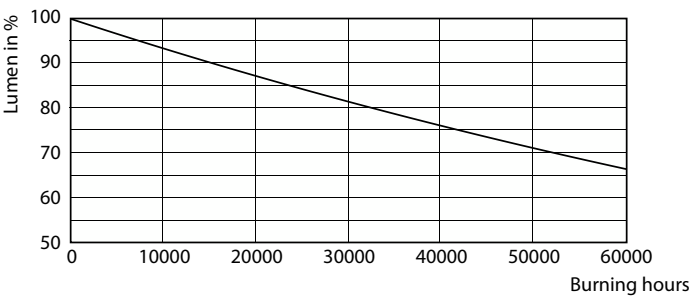


Light Distribution Diagram - 5PL-S/COR/9H-5CCT/MF5/P/2P 20/1

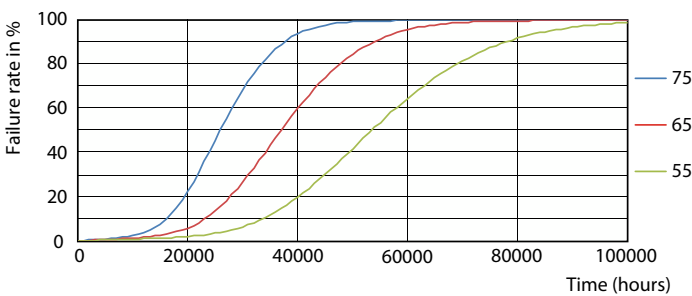
Lifetime



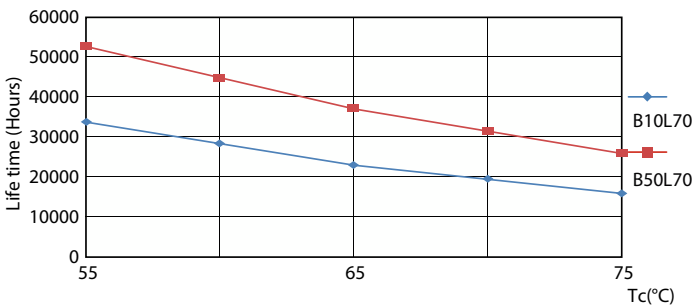
Life Expectancy Diagram



Lumen Maintenance Diagram - 5PL-S/COR/9H-5CCT/MF5/P/2P 20/1

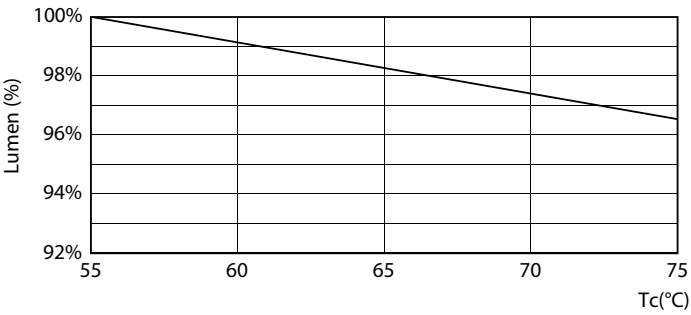


FailureRate



LifetimeVsTc

Lifetime



Lumen Maintenance Diagram - 5PL-S/COR/9H-5CCT/MF5/P/2P 20/1

