CorePro LED PLC 2P

LED PLC 8.9W 840 2P G24d-3

LED, PL-C, EM/Mains, 148 mm, 220-240 V, 8.9 W, 26W PL-C, 4000 K, 1100 lm, 30000 hour(s)

LED, PL-C, EM/Mains, 148 mm, 220-240 V, 8.9 W, LED alternative to 26W PL-C, 4000 K, 1100 lm, 30000 hour(s), 123 lm/W, G24D-3 Rotatable end-cap, Beam angle 120 degree(s), Plastic, RG1

Product data

General Information	
Cap-Base	G24D-3 Rotatable end-cap
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Warranty period	3 years

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	8.9 W
Lamp Current (Nom)	52 mA
Wattage Equivalent	26 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	26W PL-C
Ballast Compatibility	EM/Mains

Temperature	
T-Case Maximum (Nom)	75 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted

CorePro LED PLC 2P

Bulb Material	Plastic
Product Length	148 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.090 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +35 °C

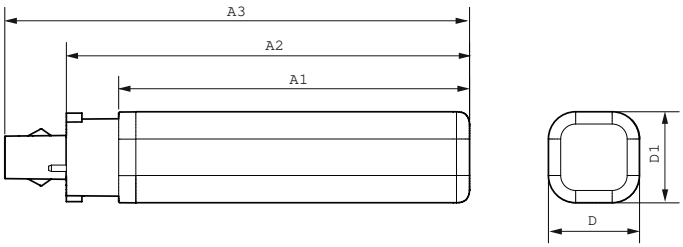
Application Conditions

Wireless Technology	Not applicable

Product Data

Order product name	LED PLC 8.9W 840 2P G24d-3
Full product name	LED PLC 8.9W 840 2P G24d-3
Full product code	872016929648000
Order code	929003757508
Material Nr. (12NC)	929003757508
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169296480
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169296497

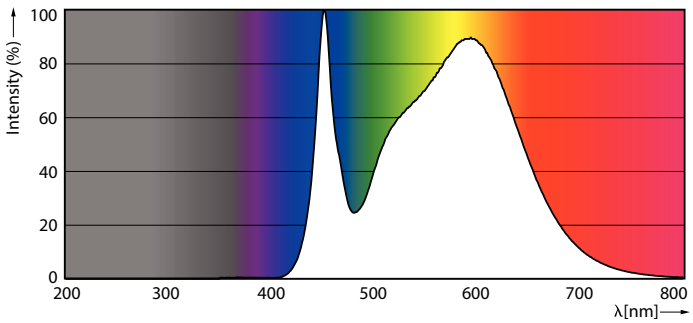
Dimensional drawing



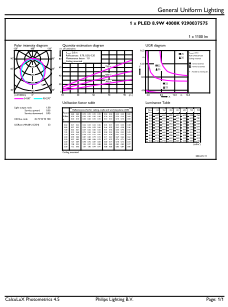
Product	D1	D	A1	A2	A3
LED PLC 8.9W 840 2P G24d-3	34 mm	34 mm	129 mm	148 mm	171 mm

D	D1	A1	A2	A3
34mm	34mm	129mm	148mm	171mm

Photometric data



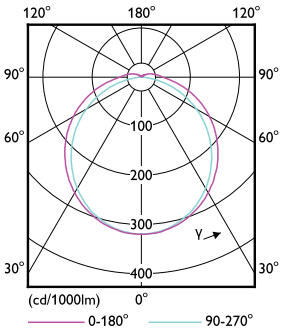
Spectral Power Distribution Colour - LED PLC 8.9W 840 2P G24d-3



General uniform lighting - LED PLC 8.9W 840 2P G24d-3

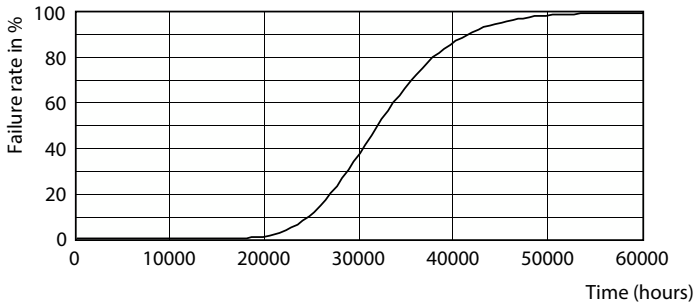
CorePro LED PLC 2P

Photometric data

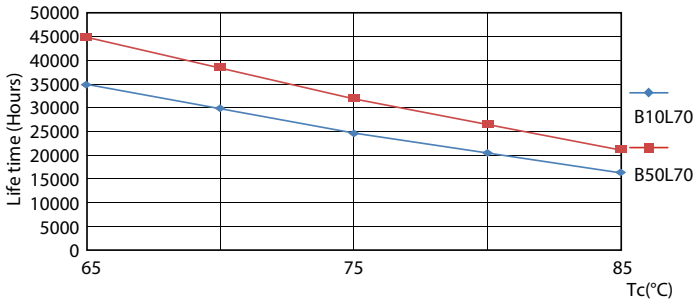


Light Distribution Diagram - LED PLC 8.9W 840 2P G24d-3

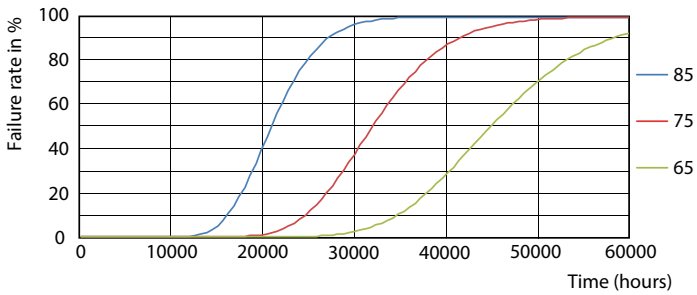
Lifetime



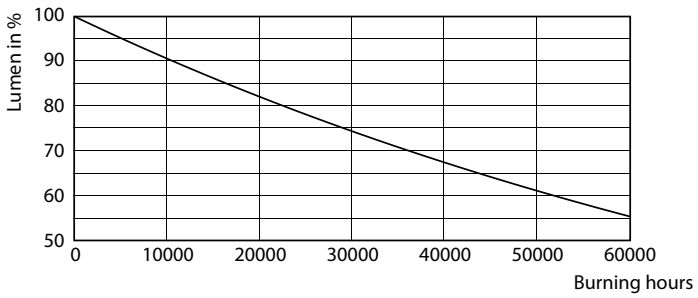
Life Expectancy Diagram



LifetimeVsTc



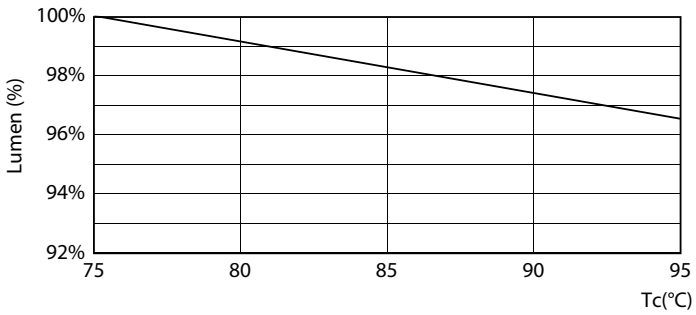
FailureRate



Lumen Maintenance Diagram - LED PLC 8.9W 840 2P G24d-3

CorePro LED PLC 2P

Lifetime



Lumen Maintenance Diagram - LED PLC 8.9W 840 2P G24d-3

© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.