



CorePro LED PLC 2P

LED PLC 6.9W 830 2P G24d-2

CorePro LED PLC 2P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

Product data

General Information	
Cap-Base	G24d-2
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	101 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	6.9 W
Lamp Current (Nom)	38 mA
Wattage Equivalent	18 W

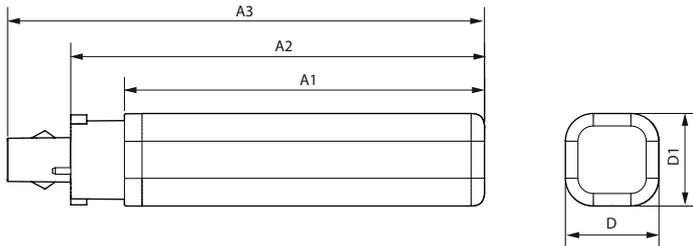
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	125 mm
Bulb Shape	PL-C
Net Weight (Piece)	0.075 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
CE mark	Yes

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EU RoHS compliant	Yes
Ambient temperature range	-20 to +35 °C
Product Data	
Order product name	LED PLC 6.9W 830 2P G24d-2
Full product name	LED PLC 6.9W 830 2P G24d-2
Full product code	872016929642800
Order code	929003757208

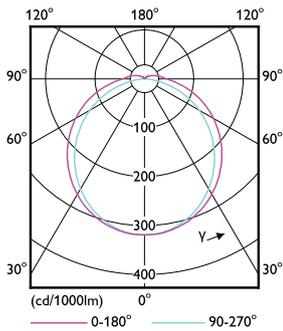
Material Nr. (12NC)	929003757208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169296428
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169296435

Dimensional drawing

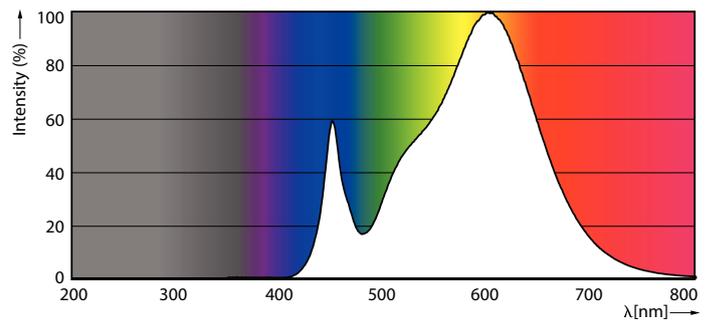


Product	D1	D2	A1	A2	A3
LED PLC 6.9W 830 2P G24d-2	34 mm	34 mm	106 mm	125 mm	148 mm

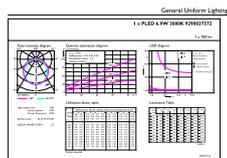
Photometric data



Light Distribution Diagram - LED PLC 6.9W 830 2P G24d-2



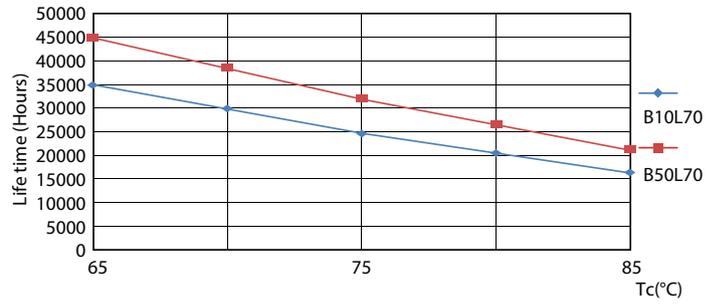
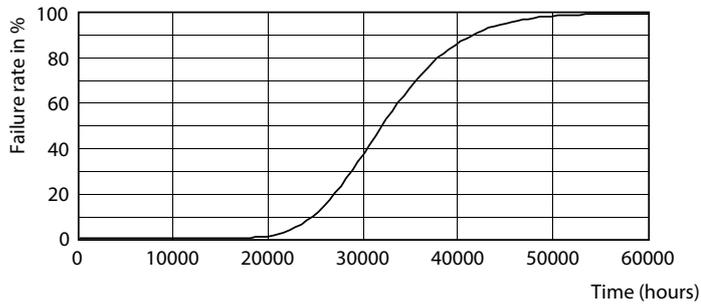
Spectral Power Distribution Colour - LED PLC 6.9W 830 2P G24d-2



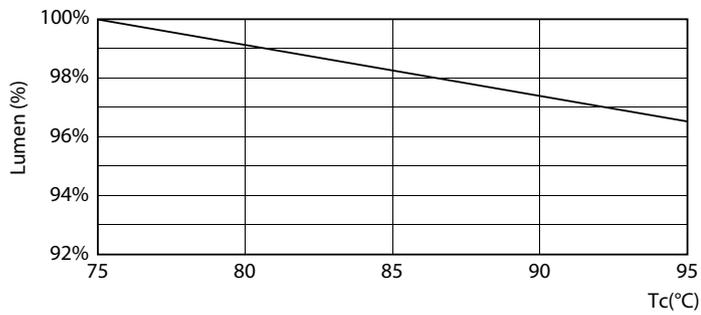
General uniform lighting - LED PLC 6.9W 830 2P G24d-2

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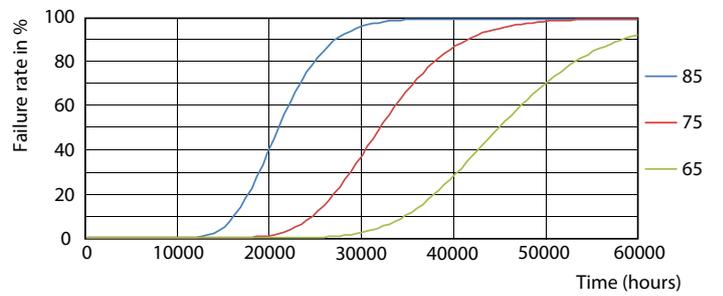
Lifetime



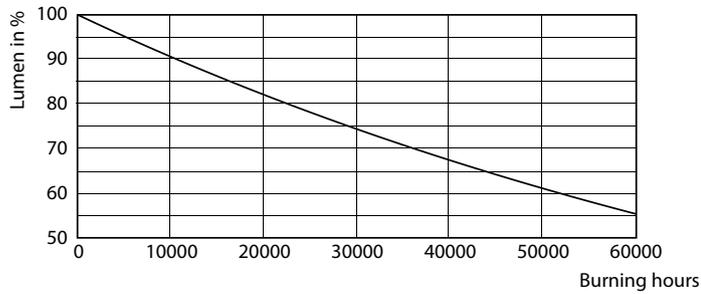
Life Expectancy Diagram



LifetimeVsTc



Lumen Maintenance Diagram - LED PLC 6.9W 830 2P G24d-2



FailureRate

Lumen Maintenance Diagram - LED PLC 6.9W 830 2P G24d-2

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