



CorePro LED PLC 2P



CorePro LED PLC 360D 6.9W 3CCT 2P G24d

CorePro, LED, PL-C, EM/Mains, 120 mm, 6.9 W, 18W PL-C, 3000 K, 4000 K, 6500 K, 930 lm, 980 lm, 980 lm, CRI 82, 30000 h

The 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
Nominal lifetime	30,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	3000/4000/6500
Beam angle (nom.)	360 degree(s)
Luminous Flux	930 980 980 lm
Colour designation	3000/4000/6500
Correlated Colour Temperature (Nom)	3000 4000 6500 K
Luminous efficacy (rated) (nom.)	142 lm/W
Colour consistency	<6
Colour 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.)	40 mA
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	18W PL-C
Inrush current at mains	8.6
Max. lamp no. on MCB B type 10A – Mains	26
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	80
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	33

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Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	100
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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
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Ballast Compatibility	EM/Mains
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Temperature

T-Case maximum (nom.)	75 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
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Bulb material	Plastic
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Product length	120 mm
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Bulb shape	PL-C
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Net Weight (Piece)	0.065 kg
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Approval and Application

Energy Efficiency Class	D
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Energy-saving product	Yes
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Approval marks	RoHS compliance CE marking KEMA Keur certificate
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Energy consumption kWh/1,000 hours	7 kWh
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EPREL Registration Number	2154072
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CE mark	Yes
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EU RoHS compliant	Yes
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Flickering value (PstLM)	1
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Stroboscopic effect	0.4
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Ambient temperature range	-20 to +35 °C
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Application Conditions

Can it be used in closed luminaires	Yes
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Product Data

Order product name	CorePro LED PLC 360D 6.9W 3CCT 2P G24d
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Full product name	CorePro LED PLC 360D 6.9W 3CCT 2P G24d
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Full EOC	872110303503500
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Order code	929004252902
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Material no. (12 NC)	929004252902
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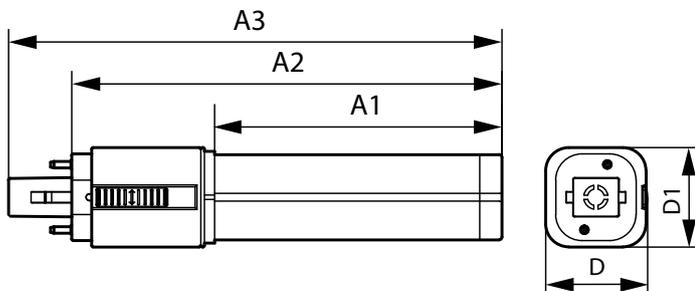
Numerator – quantity per pack	1
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EAN/UPC – Product/Case	8721103035035
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Numerator – packs per outer box	10
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EAN/UPC – Case	8721103035042
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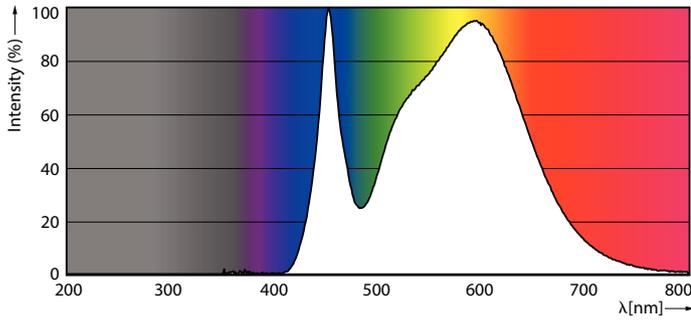
Dimensional drawing



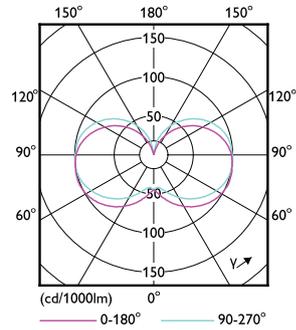
Product	D1	D	A1	A2	A3
CorePro LED PLC 360D 6.9W 3CCT 2P G24d	35 mm	35 mm	70 mm	120 mm	142 mm

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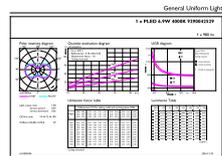
Photometric data



Spectral Power Distribution Colour - CorePro LED PLC 360D 6.9W 3CCT 2P G24d



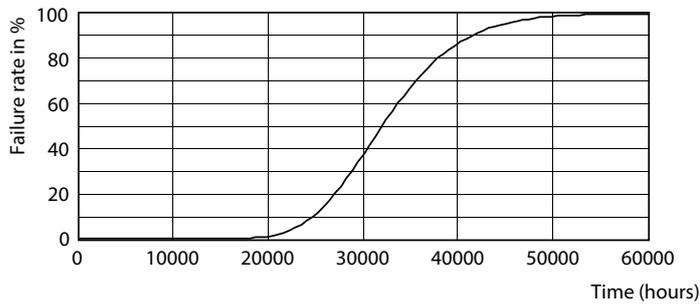
Light Distribution Diagram - CorePro LED PLC 360D 6.9W 3CCT 2P G24d



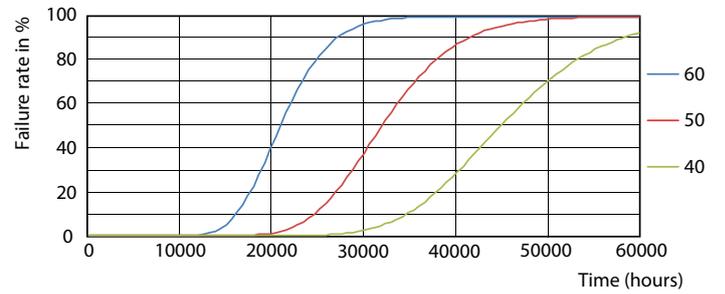
General Uniform Lighting
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General uniform lighting - CorePro LED PLC 360D 6.9W 3CCT 2P G24d

Lifetime



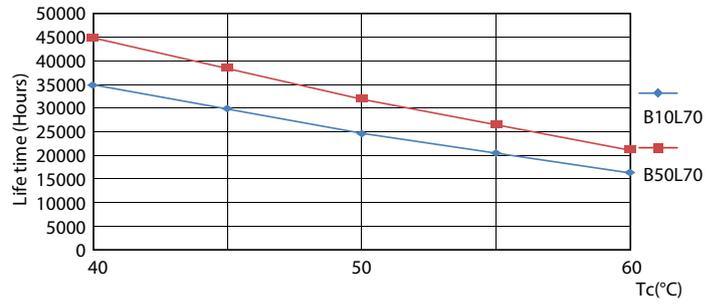
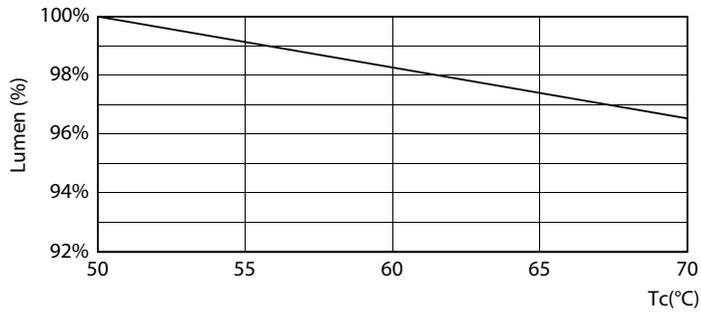
Life Expectancy Diagram



FailureRate

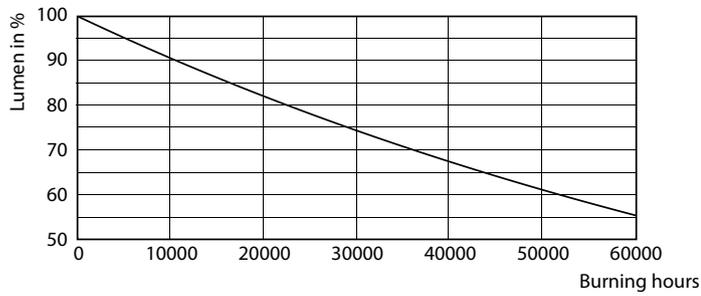
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Lifetime



Lumen Maintenance Diagram - CorePro LED PLC 360D 6.9W 3CCT 2P G24d

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LED PLC 360D 6.9W 3CCT 2P G24d

