



CorePro LED PLT 4P



CorePro LED PLT HF 15W 840 4P GX24q-3

The CorePro LED PLT 4P 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	GX24q-3
Nominal lifetime	30,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	1,800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 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	
Line Frequency	20K-80K Hz
Input Frequency	20K-80K Hz
Power Consumption	15 W

Lamp Current (Max)	400 mA
Lamp Current (Min)	250 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	20-60 V
Ballast Compatibility	HF
LED alternative to fluorescent lamp power	32 W
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Temperature	
T-Case Maximum (Nom)	70 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	141 mm
Bulb Shape	PL-T
Net Weight (Piece)	0.129 kg

Approval and Application

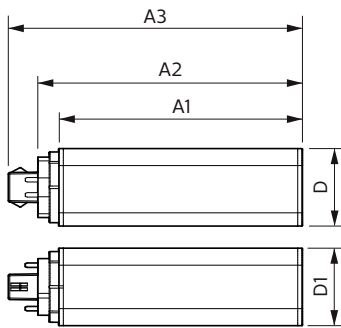
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	15 kWh
EPREL Registration Number	1361425
CE mark	Yes

EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 35 °C

Product Data

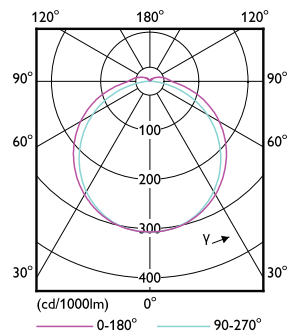
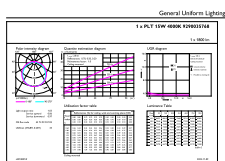
Order product name	CorePro LED PLT HF 15W 840 4P GX24q-3
Full product name	CorePro LED PLT HF 15W 840 4P GX24q-3
Full product code	871951448786400
Order code	929003576802
Material Nr. (12NC)	929003576802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514487864
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514487871

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 15W 840 4P GX24q-3	42 mm	42 mm	129 mm	141 mm	156 mm

Photometric data

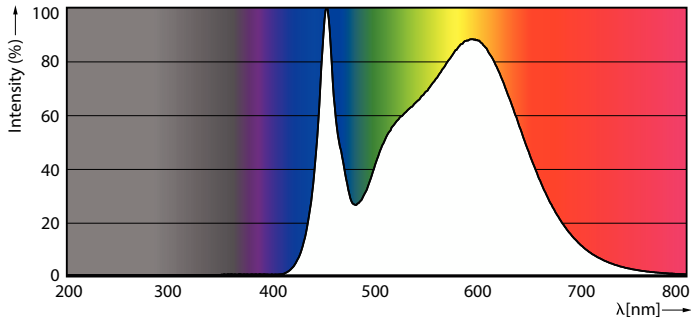


General uniform lighting - CorePro LED PLT HF 15W 840 4P GX24q-3

Light Distribution Diagram - CorePro LED PLT HF 15W 840 4P GX24q-3

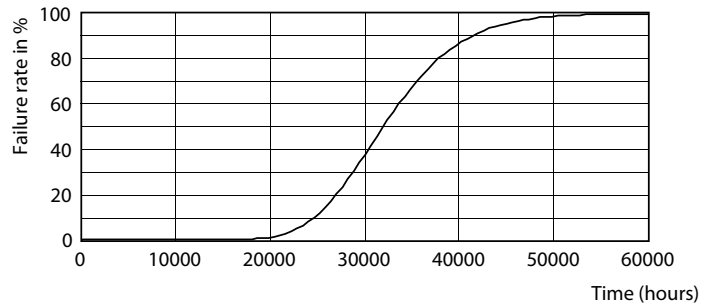
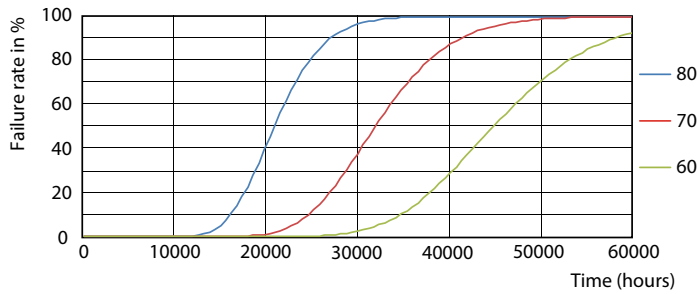
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Photometric data



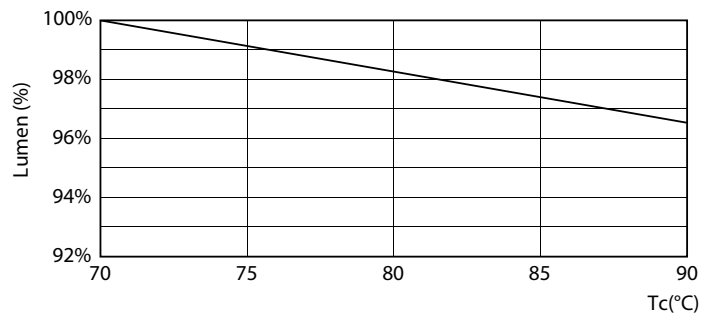
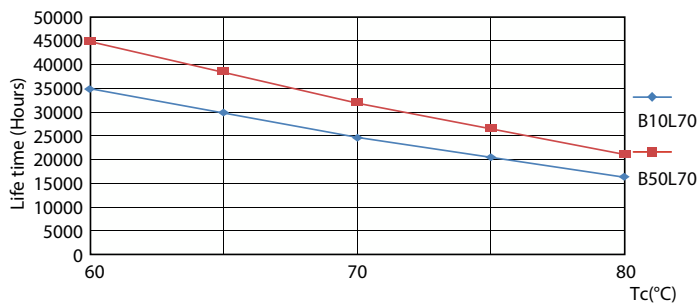
Spectral Power Distribution Colour - CorePro LED PLT HF 15W 840 4P
GX24q-3

Lifetime



FailureRate

Life Expectancy Diagram

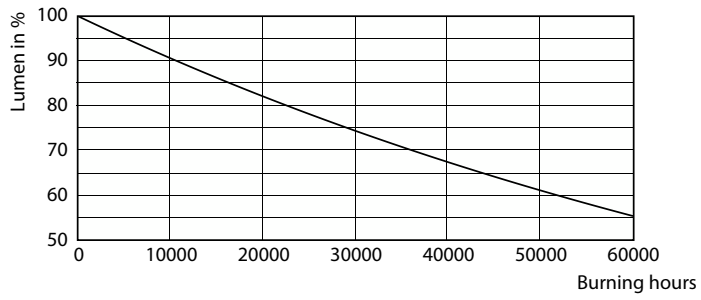


LifetimeVsTc

Lumen Maintenance Diagram - CorePro LED PLT HF 15W 840 4P GX24q-3

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Lifetime



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