CorePro LED PLT 4P

CorePro LED PLT HF 9W 830 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 uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly

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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	830 [CCT of 3000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	990 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	110 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	9 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	26 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)	65 °C

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Controls and Dimming

Dimmable	No

Mechanical and Housing

|	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	127 mm
Bulb Shape	PL–T
Net Weight (Piece)	0.124 kg

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	1361422
CE mark	Yes

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

Product Data

Order product name	CorePro LED PLT HF 9W 830 4P GX24q-3
Full product name	CorePro LED PLT HF 9W 830 4P GX24q-3
Full product code	871951448780200
Order code	929003576502
Material Nr. (12NC)	929003576502
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514487802
Numerator – Packs per outer box	20
EAN/UPC – Case	8719514487819

Dimensional drawing
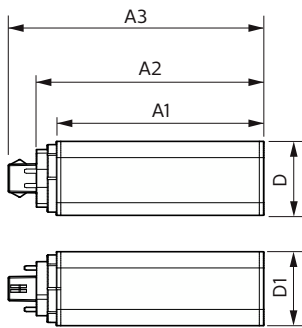
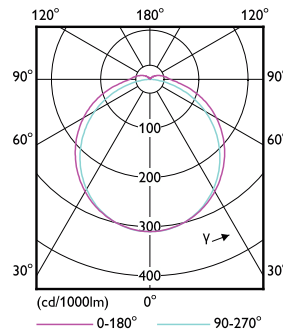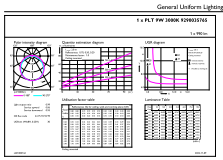| Product	D1	D2	A1	A2	A3
CorePro LED PLT HF 9W 830 4P GX24q-3	42 mm	42 mm	115 mm	127 mm	142 mm

Photometric data
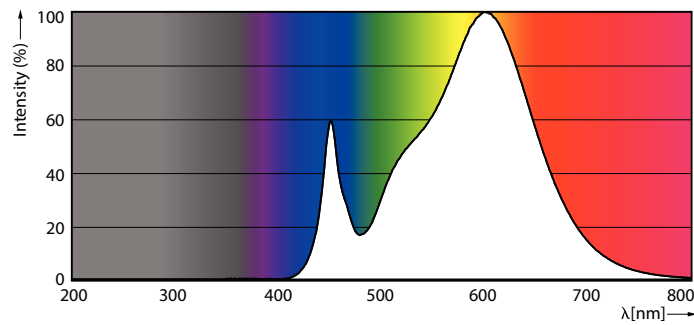
Spectral Power Distribution Colour – CorePro LED PLT HF 9W 830 4P GX24q-3

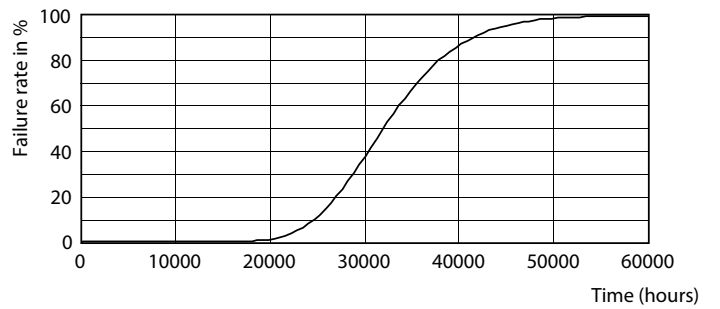**Light Distribution Diagram – CorePro LED PLT HF 9W 830 4P GX24q-3**
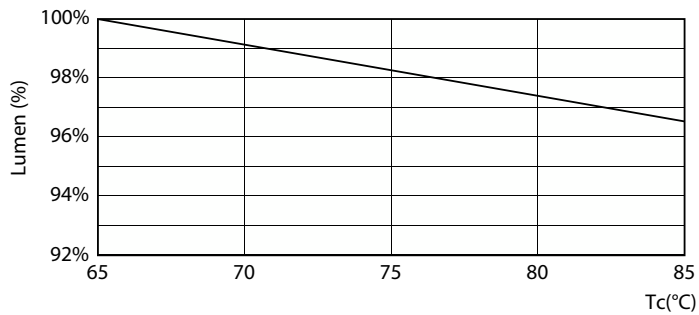
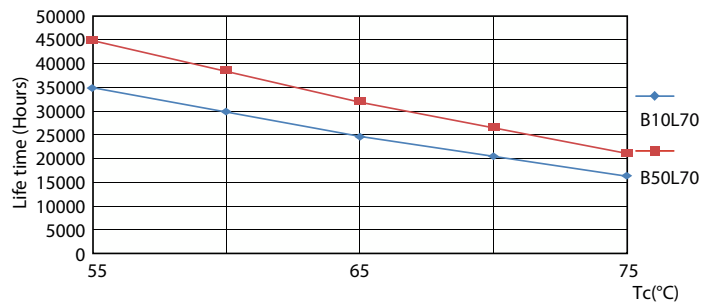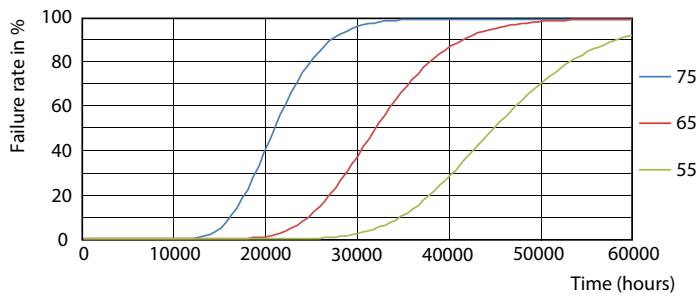# CorePro LED PLT 4P

Photometric data

General uniform lighting – CorePro LED PLT HF 9W 830 4P GX24q-3

Lifetime

Lumen Maintenance Diagram – CorePro LED PLT HF 9W 830 4P GX24q-3
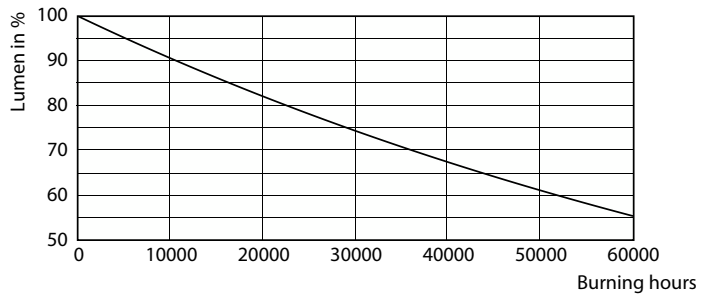

Life Expectancy Diagram

FailureRate

LifetimeVsTc

data subject to change

Lifetime

Lumen Maintenance Diagram – CorePro LED PLT HF 9W 830 4P GX24q-3