PL-C/T

5.5PL-C/LED/13V/840/IF5/P/4P 20/1

CorePro, LED, PL-C, 5.5 W, 4000 K, 580 lm, 50000 hour(s)

Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact flourescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

Product data

General Information

Cap-Base	G24q
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	580 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	25000-100000 Hz
Input Frequency	25000-100000 Hz

Power Consumption	5.5 W
Lamp Current (Max)	280 mA
Lamp Current (Min)	130 mA
Wattage Equivalent	13 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	14-60 V
UL Type	UL Type A

Temperature

T-Case Maximum (Nom)	70 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	101.6 mm

PL-C/T

Bulb Shape	PL-C
Net Weight (Piece)	0.058 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	–20 °C to 45 °C

Application Conditions

can it be used in closed luminaires	Yes

Product Data

Order product name	5.5PL-C/LED/13V/840/IF5/P/4P 20/1
Full product name	5.5PL-C/LED/13V/840/IF5/P/4P 20/1
Order code	532465
Material Nr. (12NC)	929001886004
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677532468
Numerator – Packs per outer box	20
EAN/UPC – Case	50046677532463

Dimensional drawing
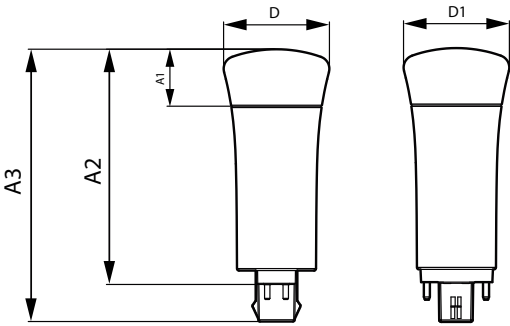
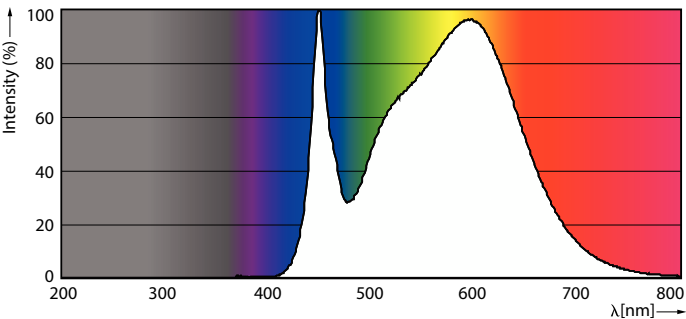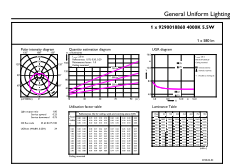| Product	D1	D	A1	A2	A3
5.5PL-C/LED/13V/840/IF5/P/4P 20/1	45.7 mm	45.7 mm	24.6 mm	101.6 mm	117.6 mm

Photometric data
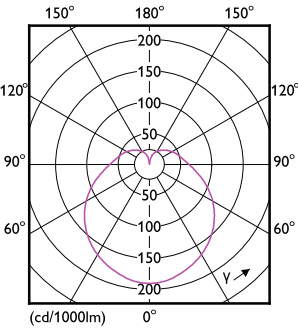
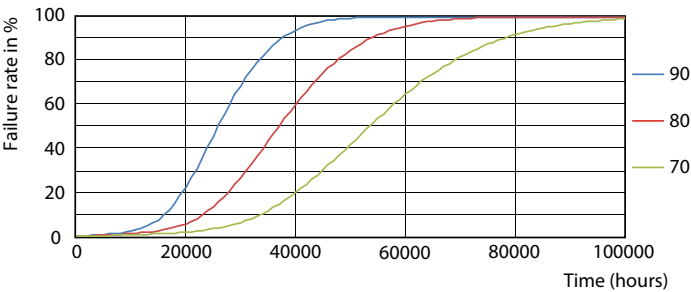
Light Distribution Diagram – 5.5PL-C/LED/13V/840/IF5/P/4P 20/1

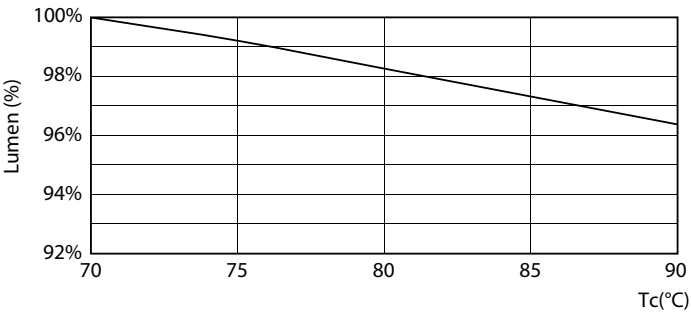**Spectral Power Distribution Colour – 5.5PL-C/LED/13V/840/IF5/P/4P 20/1**

PL-C/T

Photometric data
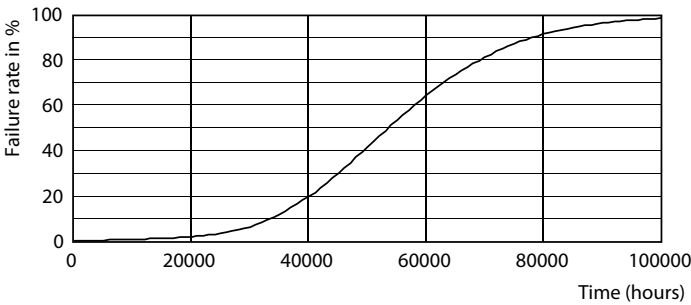
Lifetime

LEDtube PLC 13H 5W GX23–2 827 15D ND
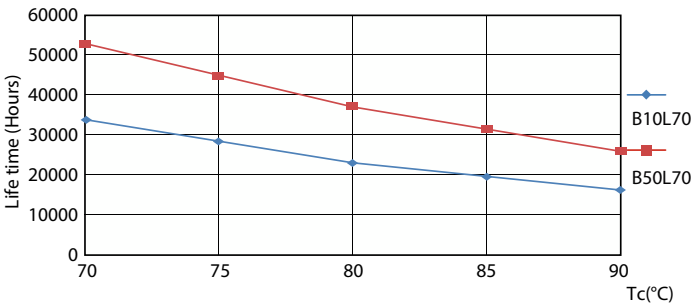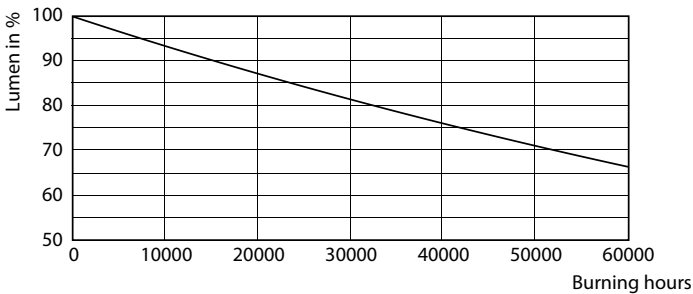

LEDtube PLC 13H 5W GX23–2 827 15D ND

Lumen Maintenance Diagram – 5.5PL–C/LED/13V/840/IF5/P/4P 20/1

LEDtube PLC 13H 5W GX23–2 827 15D ND

Lifetime

Lumen Maintenance Diagram – 5.5PL-C/LED/13V/840/IF5/P/4P 20/1

www.lighting.philips.com

2023, April 14 – data subject to change