PL-C/T

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

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
EU RoHS compliant	Yes

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

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	75 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	140 mm
Bulb Shape	PL-C

PL-C/T

Approval and Application

|	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	– kWh

Application Conditions

can it be used in closed luminaires	Yes

Product Data

Order product name	5.5PL-C/LED/13H/840/IF5/P/4P 20/1

Full product name	5.5PL-C/LED/13H/840/IF5/P/4P 20/1
Order code	532424
Material Nr. (12NC)	929001885604
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046667532420
Numerator – Packs per outer box	20
EAN/UPC – Case	50046667532425

Dimensional drawing
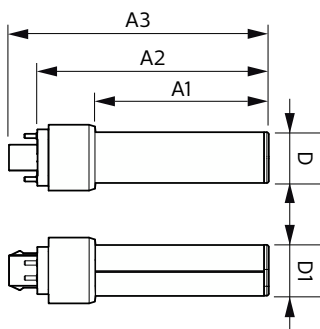
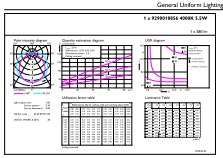| Product	D	D1	A1	A2	A3
5.5PL-C/LED/13H/840/IF5/P/4P 20/1	27 mm	27 mm	91.5 mm	122.4 mm	137.4 mm

Photometric data
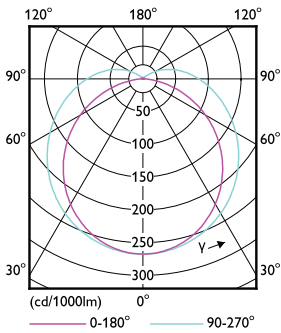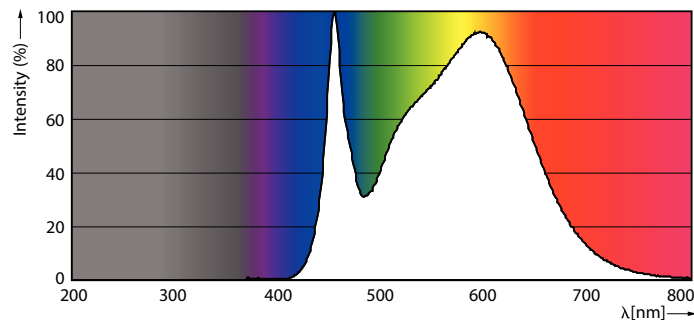
Spectral Power Distribution Colour – 5.5PL-C/LED/13H/840/IF5/P/4P 20/1

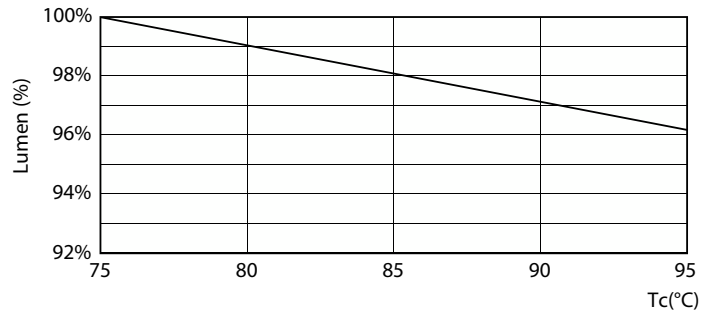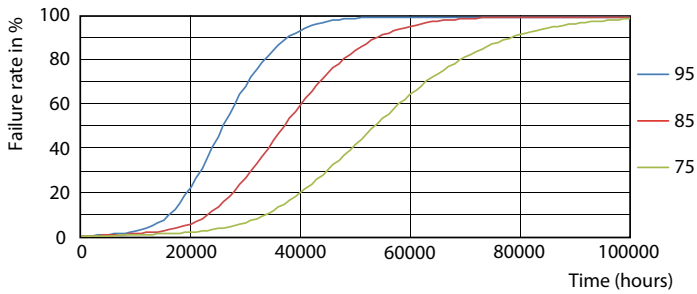Light Distribution Diagram – 5.5PL-C/LED/13H/840/IF5/P/4P 20/1

PL-C/T

Photometric data

Lifetime

Life Expectancy Diagram – 5.5PL-C/LED/13H/840/IF5/P/4P 20/1

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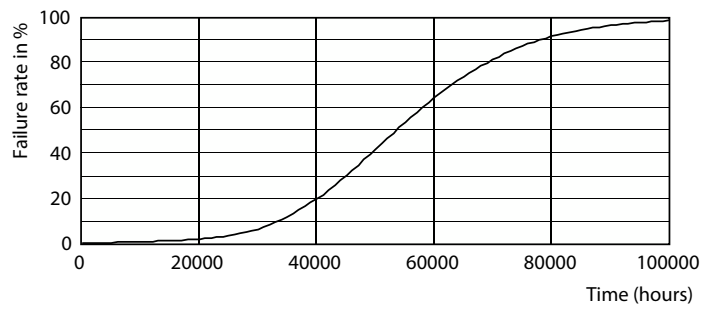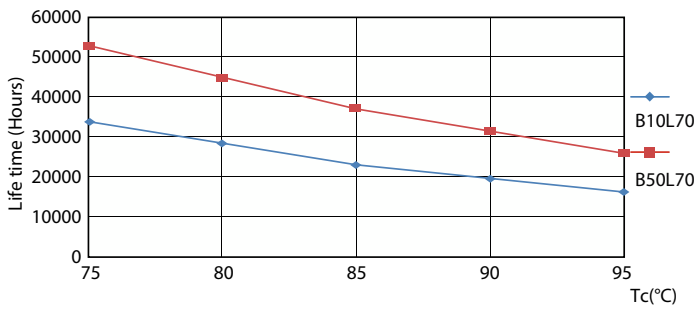
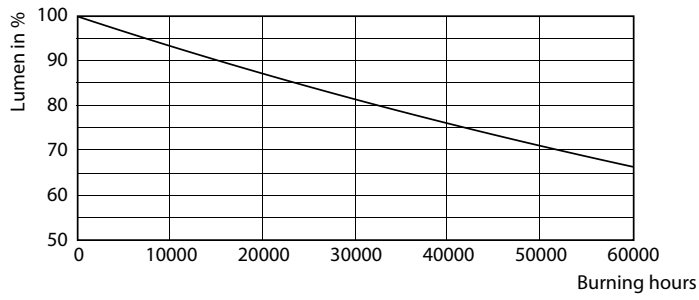Life Expectancy Diagram – 5.5PL-C/LED/13H/840/IF5/P/4P 20/1

Life Expectancy Diagram – 5.5PL-C/LED/13H/840/IF5/P/4P 20/1

Lifetime

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

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2023, April 14 – data subject to change