PL-C/T

5PL-C/LED/13H/840/IF5/P/2P 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	GX23-2
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)	116.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5 W

Lamp Current (Max)	50 mA
Lamp Current (Min)	15 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)	120-277 V
UL Type	UL Type A

Temperature

Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	158 °F

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	4-13/16 inch
Bulb Shape	PL-C

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Approval and Application

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

Application Conditions

can it be used in closed luminaires	Yes

Product Data

Order product name	5PL–C/LED/13H/840/IF5/P/2P 20/1

|	
Full product name	5PL–C/LED/13H/840/IF5/P/2P 20/1
Order code	532341
Material Nr. (12NC)	929001884804
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677532345
Numerator – Packs per outer box	20
EAN/UPC – Case	50046677532340

Dimensional drawing
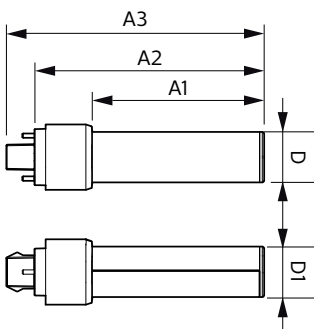
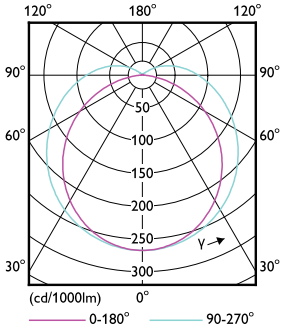| Product	D	D1	A1	A2	A3
5PL–C/LED/13H/840/IF5/P/2P 20/1	1–1/16 inch	1–1/16 inch	3–5/8 inch	4–13/16 inch	5–7/16 inch

Photometric data
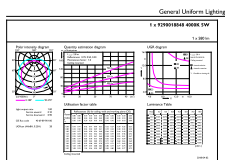
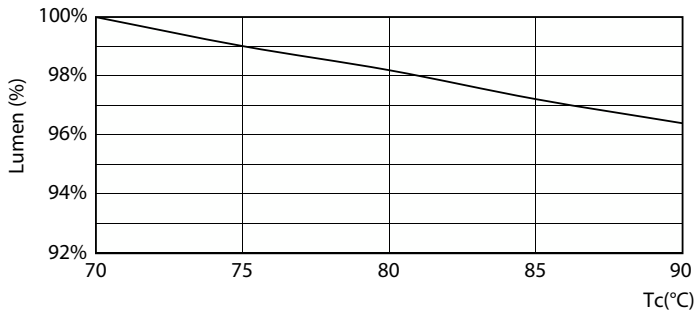General uniform lighting – 5PL-C/LED/13H/840/IF5/P/2P 20/1
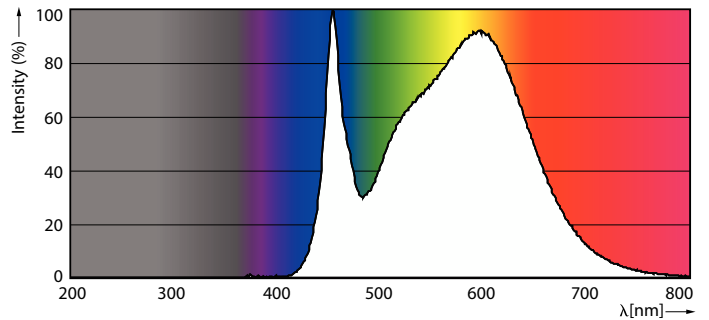
Spectral Power Distribution Colour – 5PL-C/LED/13H/840/IF5/P/2P 20/1

PL-C/T
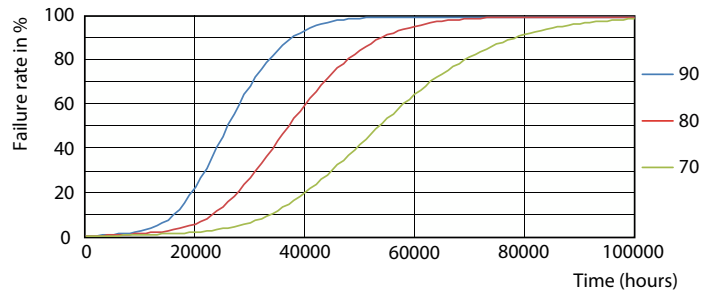
Photometric data

Light Distribution Diagram – 5PL-C/LED/13H/840/IF5/P/2P 20/1
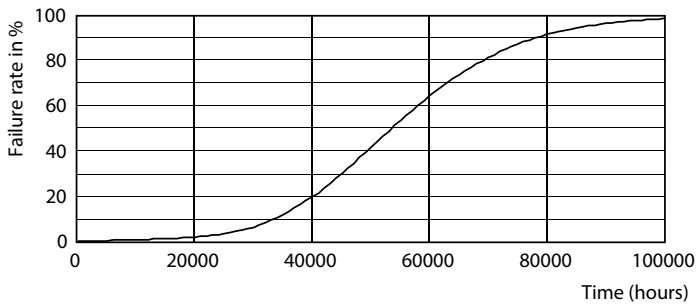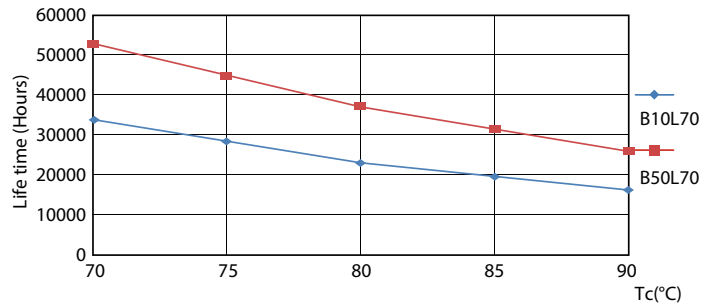
Lifetime

Lumen Maintenance Diagram – 5PL-C/LED/13H/840/IF5/P/2P 20/1

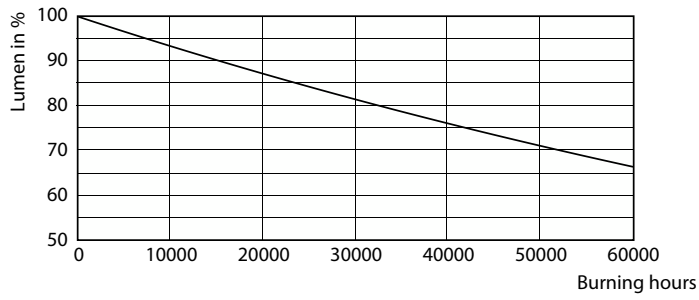

Life Expectancy Diagram – 5PL-C/LED/13H/840/IF5/P/2P 20/1

Life Expectancy Diagram – 5PL-C/LED/13H/840/IF5/P/2P 20/1

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Lifetime

Lumen Maintenance Diagram – 5PL-C/LED/13H/840/IF5/P/2P 20/1

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2023, August 16 – data subject to change