



InstantFit (UL Type A) Circline

16CIR/CNG/12-4CCT/IF17/P/G10q 6/1

Philips InstantFit LED Circline easily replace circline fluorescent tube operated on instant-start electronic ballasts, no rewiring needed. This plastic LED circline tube brings multiple selectable color temperature, long lifetime and energy efficiency.

Product data

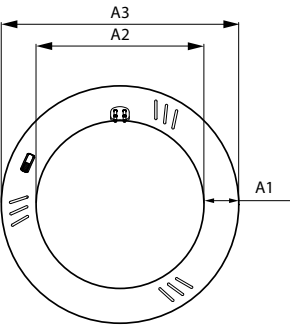
General Information			
Cap-Base	G10q	Lamp Current (Min)	150 mA
Nominal lifetime	36,000 hour(s)	Wattage Equivalent	32 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.2
		Voltage (Nom)	120-277 V
		UL Type	UL Type A
Light Technical		Temperature	
Color Code	3000/4000/5000/6500	T-Case Maximum (Nom)	55 °C
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	1,700 lm	Controls and Dimming	
Color Designation	3000/4000/5000/6500	Dimmable	No
Correlated Color Temperature (Nom)	Selectable 3000 4000 5000 6500 K		
Luminous Efficacy (rated) (Nom)	106 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80	Bulb Material	Plastic
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	238 mm
Operating and Electrical		Bulb Shape	C-T9
Input Frequency	50 to 80K Hz	Net Weight (Piece)	0.205 kg
Power Consumption	16 W		
Lamp Current (Max)	700 mA		

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Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	16CIR/CNG/12-4CCT/IF17/P/G10q 6/1

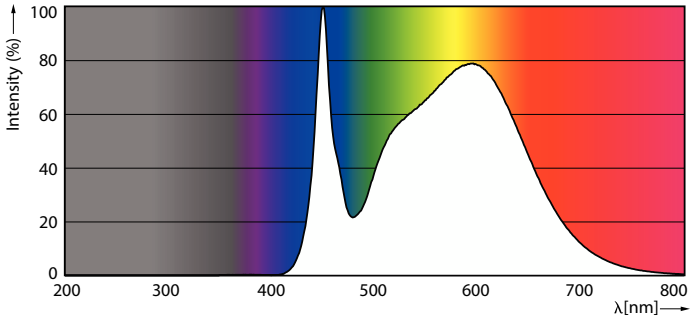
Full product name	16CIR/CNG/12-4CCT/IF17/P/G10q 6/1
Order code	929003740704
Material Nr. (12NC)	929003740704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588106
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588101

Dimensional drawing

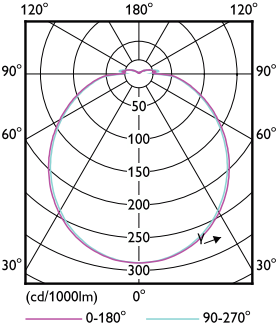


Product	A1	A2	A3
16CIR/CNG/12-4CCT/IF17/P/G10q 6/1	30 mm	238 mm	298 mm

Photometric data



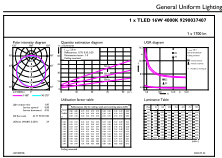
Spectral Power Distribution Colour - 16CIR/CNG/12-4CCT/IF17/P/G10q 6/1



Light Distribution Diagram - 16CIR/CNG/12-4CCT/IF17/P/G10q 6/1

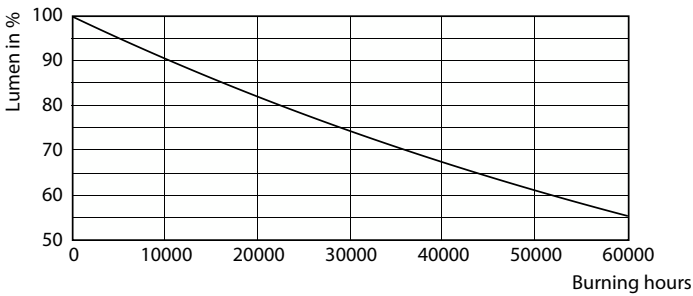
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Photometric data

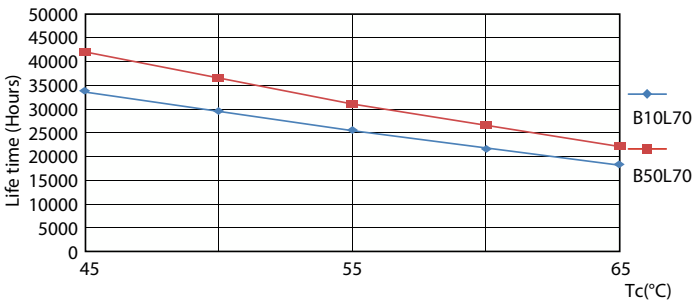


General uniform lighting - 16CIR/CNG/12-4CCT/IF17/P/G10q 6/1

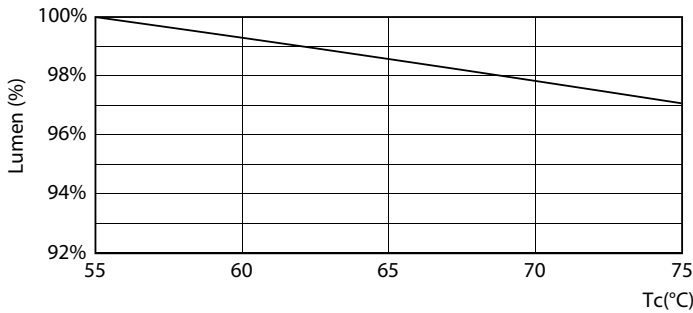
Lifetime



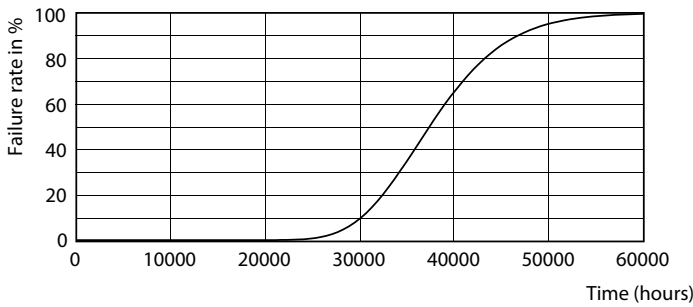
Lumen Maintenance Diagram - 16CIR/CNG/12-4CCT/IF17/P/G10q 6/1



Life Expectancy Diagram



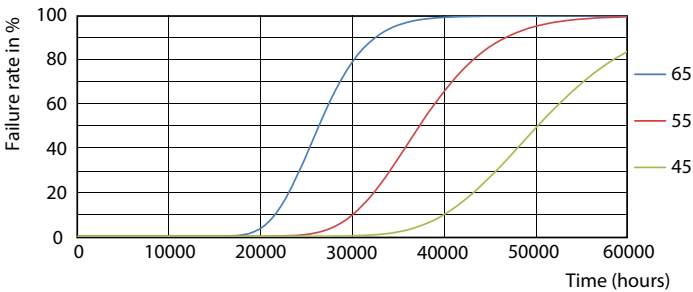
Lumen Maintenance Diagram - 16CIR/CNG/12-4CCT/IF17/P/G10q 6/1



Life Expectancy Diagram

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Lifetime



Life Expectancy Diagram

