



# MyCare LED Circular

## LED Circular 20W 840 G10q AP

MyCare LED Ceiling Module integrates a LED light source into a module. It is specially designed to replace fluorescent circular tubes working on a G10q fitting. The module offers significant energy savings and a long lifetime.

### Product data

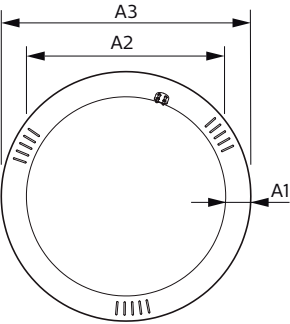
General Information	
Cap-Base	G10q
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	2,000 lm
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471 RGO	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	20 W
Lamp Current (Nom)	170 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Ballast Compatibility	EM/Mains
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	300 mm
Bulb Shape	C-T9
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

LED Innovations	EyeComfort
Product Data	
Order product name	LED Circular 20W 840 G10q AP
Full product name	LED Circular 20W 840 G10q AP
Full product code	871869964533500
Order code	929002010907
Material Nr. (12NC)	929002010907

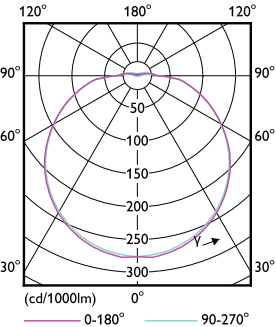
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.106 kg
EAN/UPC - Product/Case	8718699645335
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699645342

Dimensional drawing

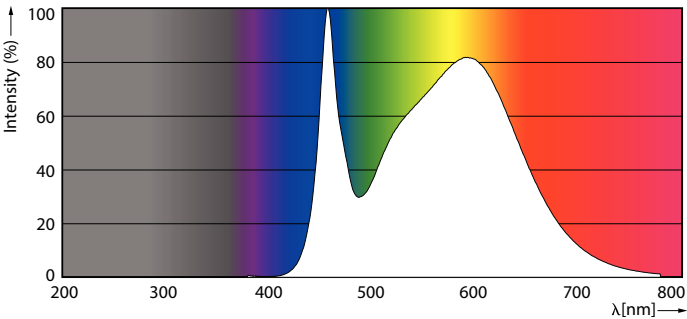


Product	D1	D2	A1	A2	A3
LED Circular 20W 840 G10q AP			30 mm	238 mm	298 mm

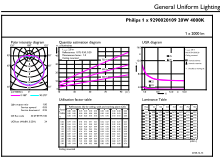
Photometric data



Light Distribution Diagram - LED Circular 20W 840 G10q AP

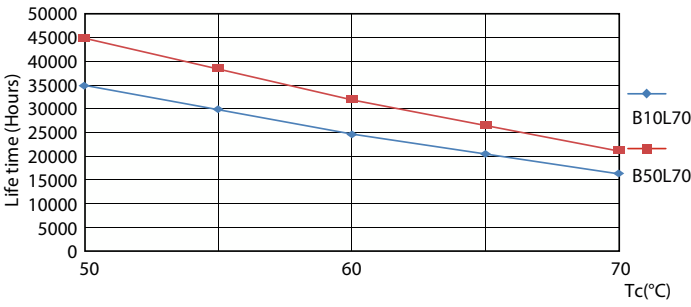
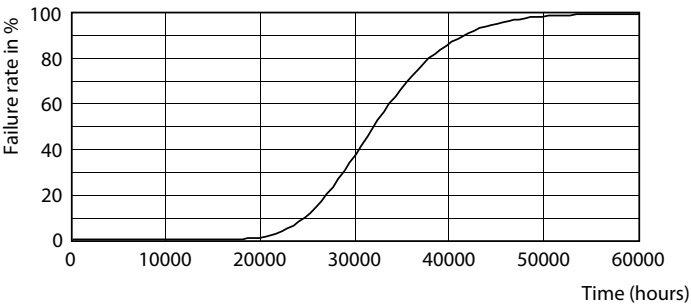


Spectral Power Distribution Colour - LED Circular 20W 840 G10q AP

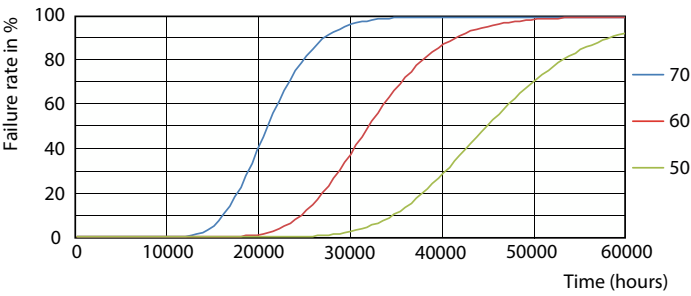


General uniform lighting - LED Circular 20W 840 G10q AP

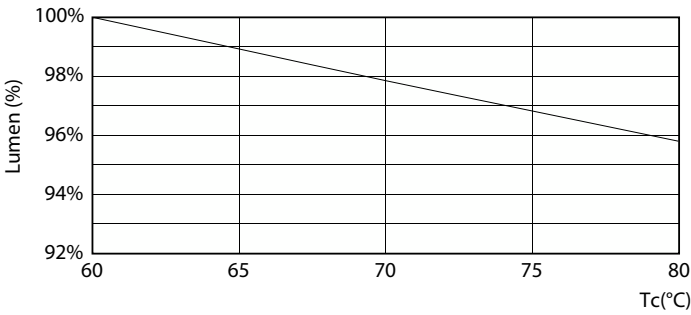
Lifetime



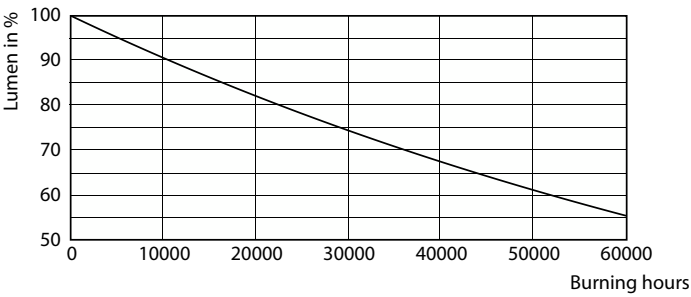
Life Expectancy Diagram



LifetimeVsTc



FailureRate



Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP

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