

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 RG0					
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				

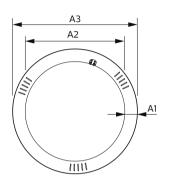
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.5				
Voltage (Nom)	220-240 V				
Ballast Compatibility	EM/Mains				
Temperature					
Ambient temperature range	-20 to +45 °C				
T-Case Maximum (Nom)	60 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product 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				

Datasheet, 2024, March 31 data subject to change

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				

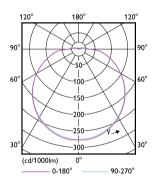
Numerator - Quantity Per Pack	1			
Net Weight (Piece)	0.106 kg			
EAN/UPC - Product/Case	8718699645335			
Numerator - Packs per outer box	20			
EAN/UPC - Case	8718699645342			

Dimensional drawing

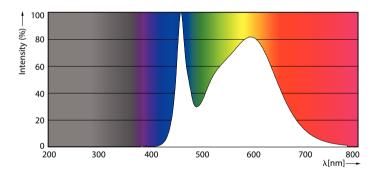


Product	D1	D2	A1	A2	А3
LED Circular 20W 840 G10q AP			30 mm	238 mm	298 mm

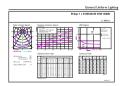
Photometric data



Light Distribution Diagram - LED Circular 20W 840 G10q AP

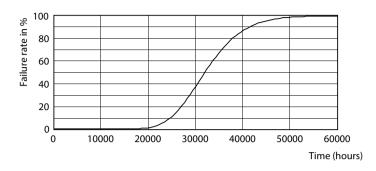


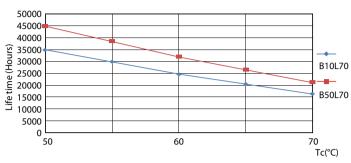
Spectral Power Distribution Colour - LED Circular 20W 840 G10q AP



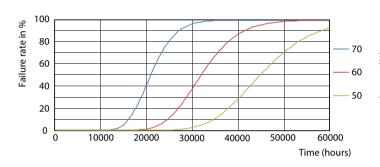
General uniform lighting - LED Circular 20W 840 G10q AP

Lifetime

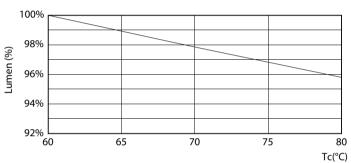




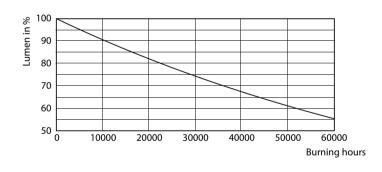
Life Expectancy Diagram



LifetimeVsTc



FailureRate



Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP

Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP



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