PHILIPS Lighting



CorePro LEDtube circular

CorePro LED Circular 20W 865 G10q

CorePro LEDtube Circular integrates a LED light source into a traditional fluorescent tube form factor. This product is specially designed to replace fluorescent circular tubes working on a G10q fitting. It offers significant energy savings and a long lifetime, in a similar form factor.

Product data

General Information		
Cap-Base	G10Q [G10q]	
Nominal lifetime	30,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	865 [CCT of 6500K]	
Beam Angle (Nom)	120 degree(s)	
Luminous Flux	2,100 lm	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	105.00 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom) 70 %		
Operating and Electrical		
Line Frequency	50 to 60 Hz	

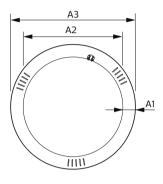
Input Frequency	50 to 60 Hz	
Power Consumption	20 W	
Lamp Current (Nom)	100 mA	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	220-240 V	
Temperature		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	℃ 00	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	C-T9	
Approval and Application		
Energy Saving Product	Yes	

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Approval Marks	RoHS compliance TUV CE marking KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	20 kWh			
Product Data				
Order product name	CorePro LED Circular 20W 865 G10q			
Full product name	CorePro LED Circular 20W 865 G10q			
Full product code	871869966044400			

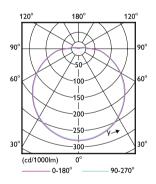
Order code	66044400	
Material Nr. (12NC)	929002068102	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699660444	
Numerator - Packs per outer box	20	
EAN/UPC - Case	8718699660451	

Dimensional drawing

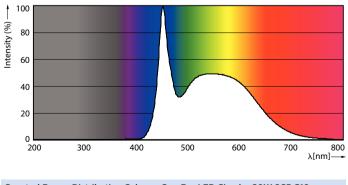


Product	A1	A2	A3
CorePro LED Circular 20W 865 G10q	30 mm	238 mm	298 mm

Photometric data



Light Distribution Diagram - CorePro LED Circular 20W 865 G10q



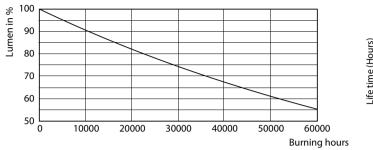
Spectral Power Distribution Colour - CorePro LED Circular 20W 865 G10q

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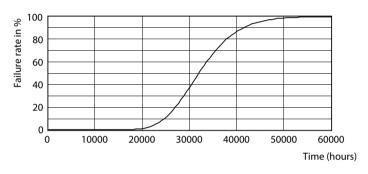
General uniform lighting - CorePro LED Circular 20W 865 G10q

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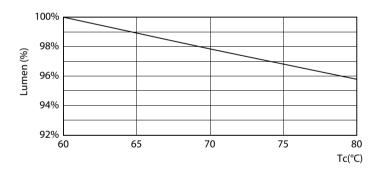
Lifetime



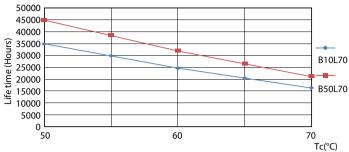
Lumen Maintenance Diagram - CorePro LED Circular 20W 865 G10q



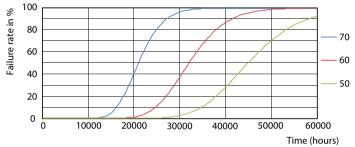
Life Expectancy Diagram - CorePro LED Circular 20W 865 G10q



Lumen Maintenance Diagram - CorePro LED Circular 20W 865 G10q









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