



LED MOD 20W 865 APR 1CT/5

LED, Others, Mains, 20 W, 40-55W, 6500 K, 2200 lm, 20000 hour(s)

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	-	
Nominal lifetime	20,000 hour(s)	
Switching Cycle	15,000	
Rated Lifetime (Hours)	20,000 hour(s)	
Lighting Technology	LED	
Light Technical		
Color Code	865 [CCT of 6500K]	
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Beam Angle (Nom)	120 degree(s)	
Luminous Flux	2,200 lm	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	110 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	

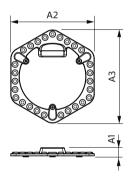
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	20 W	
Lamp Current (Max)	180 mA	
Lamp Current (Min)	180 mA	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	1s	
Power Factor (Fraction)	0.5	
Voltage (Nom)	220-240 V	
LED alternative to fluorescent lamp power	40-55W	
Ballast Compatibility	Mains	
Temperature		
T-Case Maximum (Nom)	70 °C	
Controls and Dimming	<u> </u>	
Dimmable	No	

Datasheet, 2023, August 2 data subject to change

Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	200 mm			
Overall length	21.5 mm			
Overall width	155 mm			
Overall height	21.5 mm			
Dimensions (Height x Width x Depth)	22 x 155 x 22 mm			
Bulb Shape	Others			
Net Weight (Piece)	0.152 kg			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	RoHS compliance			
EU RoHS compliant	Yes			
EyeComfort	Yes			

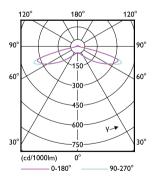
LED Innovations	EyeComfort
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	LED MOD 20W 865 APR 1CT/5
Full product name	LED MOD 20W 865 APR 1CT/5
Full product code	872016919641400
Order code	929003620837
Material Nr. (12NC)	929003620837
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169196414
Numerator - Packs per outer box	5
EAN/UPC - Case	8720169196421

Dimensional drawing

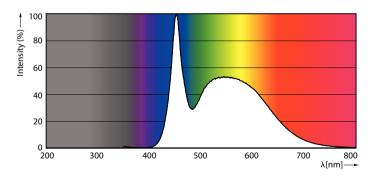


Product	A1	A2	А3
LED MOD 20W 865 APR 1CT/5	21.5 mm	195 mm	217.5 mm

Photometric data

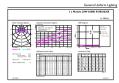






Spectral Power Distribution Colour - LED MOD 20W 865 APR 1CT/5

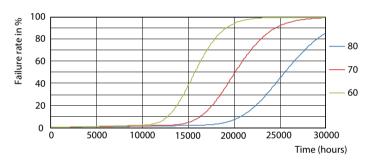
Photometric data

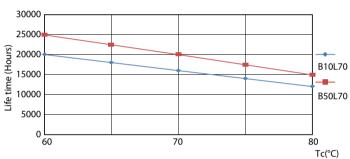


Calculus Photometrics 4.5 Philips Lighting St.V. Fago: 177

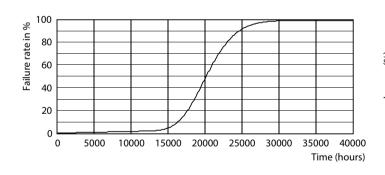
General uniform lighting - LED MOD 20W 865 APR 1CT/5

Lifetime

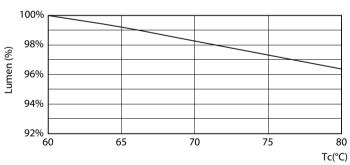




FailureRate



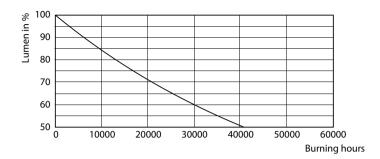
LifetimeVsTc



Life Expectancy Diagram

Lumen Maintenance Diagram - LED MOD 20W 865 APR 1CT/5

Lifetime



Lumen Maintenance Diagram - LED MOD 20W 865 APR 1CT/5



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