



LED MOD 20W 830

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

Nominal lifetime 20,000 hour(s)			
Nominal lifetime 20,000 hour(s)	General Information		
Switching Cycle 15,000 Rated Lifetime (Hours) 20,000 hour(s) Lighting Technology LED Light Technical Color Code 830 [CCT of 3000K] Beam Angle (Nom) 120 degree(s) Luminous Flux 2,200 lm Color Designation White (WH) Correlated Color Temperature (Nom) 3000 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	Cap-Base	-	
Rated Lifetime (Hours) 20,000 hour(s)	Nominal lifetime	20,000 hour(s)	
Lighting Technology LED Light Technical 830 [CCT of 3000K] Color Code 830 [CCT of 3000K] Beam Angle (Nom) 120 degree(s) Luminous Flux 2,200 lm Color Designation White (WH) Correlated Color Temperature (Nom) 3000 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 50 to 60 Hz Line Frequency 50 to 60 Hz Power Consumption 20 W	Switching Cycle	15,000	
Light Technical 830 [CCT of 3000K] Color Code	Rated Lifetime (Hours)	20,000 hour(s)	
Color Code	Lighting Technology	LED	
Color Code			
Solicy	Light Technical		
Beam Angle (Nom) 120 degree(s) Luminous Flux 2,200 lm Color Designation White (WH) Correlated Color Temperature (Nom) 3000 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 Fower Consumption 20 W	Color Code	830 [CCT of 3000K]	
Luminous Flux Color Designation White (WH) Correlated Color Temperature (Nom) 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 Power Consumption 20 W	Color Code	830 [CCT of 3000K]	
Color Designation White (WH) Correlated Color Temperature (Nom) 3000 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	Beam Angle (Nom)	120 degree(s)	
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) B0 LLMF At End Of Nominal Lifetime (Nom) 70 % Operating and Electrical Line Frequency Input Frequency Do to 60 Hz Power Consumption 20 W	Luminous Flux	2,200 lm	
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	Color Designation	White (WH)	
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	Correlated Color Temperature (Nom)	3000 K	
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	Luminous Efficacy (rated) (Nom)	110 lm/W	
CLLMF 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	Color Consistency	<6	
Operating and Electrical Line Frequency 50 to 60 Hz Input Frequency 50 to 60 Hz Power Consumption 20 W	Color rendering index (CRI)	80	
Line Frequency 50 to 60 Hz Input Frequency 50 to 60 Hz Power Consumption 20 W	LLMF At End Of Nominal Lifetime (Nom)	70 %	
Line Frequency 50 to 60 Hz Input Frequency 50 to 60 Hz Power Consumption 20 W			
Input Frequency 50 to 60 Hz Power Consumption 20 W	Operating and Electrical		
Power Consumption 20 W	Line Frequency	50 to 60 Hz	
<u> </u>	Input Frequency	50 to 60 Hz	
Lamp Current (Max) 180 mA	Power Consumption	20 W	
	Lamp Current (Max)	180 mA	

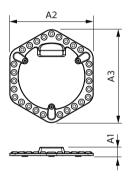
Lamp Current (Min)	180 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	instant full light s		
Power Factor (Fraction)	0.5		
Voltage (Nom)	220-240 V		
Ballast Compatibility	Mains		
Temperature			
Г-Case Maximum (Nom)	70 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Plastic		
Product Length	200 mm		
Bulb Shape	Others		
Net Weight (Piece)	0.105 kg		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	RoHS compliance		
EU RoHS compliant	Yes		

Datasheet, 2024, September 30 data subject to change

EyeComfort	Yes	
LED Innovations	EyeComfort	
Ambient temperature range	-20 °C to 45 °C	
Product Data		
Order product name	LED MOD 20W 830	
Full product name	LED MOD 20W 830	
Full product code	692234198153100	

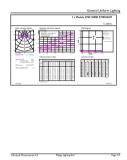
Order code	929003620709	
Material Nr. (12NC)	929003620709	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	6922341981531	
Numerator - Packs per outer box	40	
EAN/UPC - Case	6922341981548	

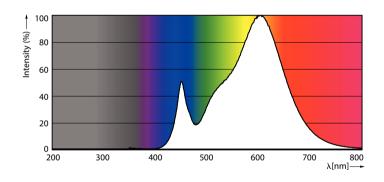
Dimensional drawing



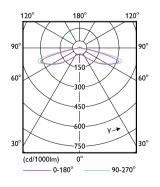
Product	A1	A2	А3
LED MOD 20W 830	21.5 mm	195 mm	217.5 mm

Photometric data





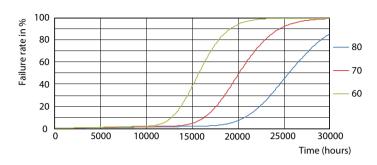
General uniform lighting - LED MOD 20W 830

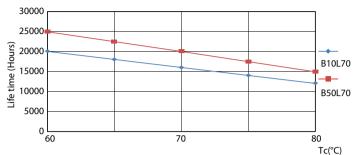


Light Distribution Diagram - LED MOD 20W 830

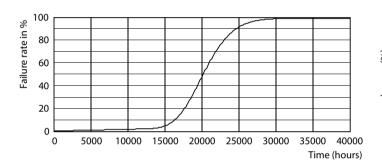
Spectral Power Distribution Colour - LED MOD 20W 830

Lifetime



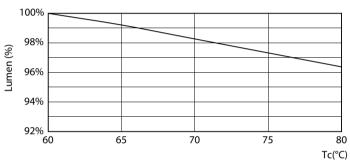


FailureRate

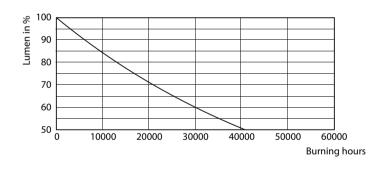


LifetimeVsTc

3



Life Expectancy Diagram



Lumen Maintenance Diagram - LED MOD 20W 830

Lumen Maintenance Diagram - LED MOD 20W 830



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