



LED MOD 20W 865 APR

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		
EU RoHS compliant	Yes		
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		

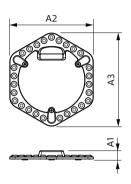
Lamp Current (Max)	180 mA		
Lamp Current (Min)	180 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	instant full light s		
Power Factor (Fraction)	0.5		
Voltage (Nom)	220-240 V		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	70 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Plastic		
Product Length	200 mm		
Bulb Shape	Others		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	RoHS compliance		
Energy Consumption kWh/1000 h	- kWh		

Datasheet, 2023, May 15 data subject to change

EyeComfort	Yes		
Product Data			
Order product name	LED MOD 20W 865 APR		
Full product name	LED MOD 20W 865 APR		
Full product code	872016919637700		
Order code	929003620807		

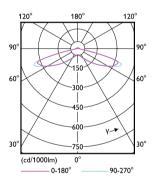
Material Nr. (12NC)	929003620807
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169196377
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169196384

Dimensional drawing

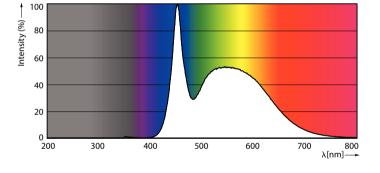


Product	A1	A2	А3
LED MOD 20W 865 APR	21.5 mm	195 mm	217.5 mm

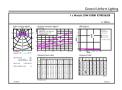
Photometric data



Light Distribution Diagram - LED MOD 20W 865 APR



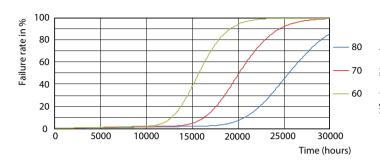
Spectral Power Distribution Colour - LED MOD 20W 865 APR

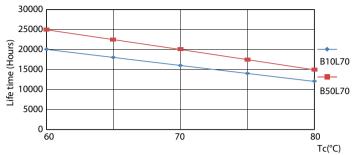


Calculus Photometrics 4.5 Philips Lighting B.V. Page: 171

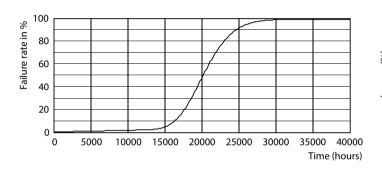
General uniform lighting - LED MOD 20W 865 APR

Lifetime

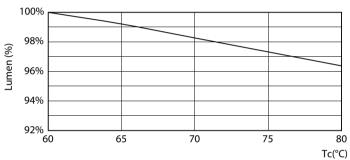




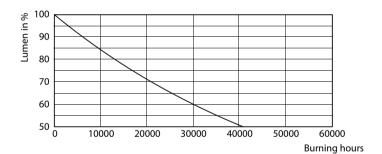
Life Expectancy Diagram - LED MOD 20W 865 APR



Life Expectancy Diagram - LED MOD 20W 865 APR



Life Expectancy Diagram - LED MOD 20W 865 APR



Lumen Maintenance Diagram - LED MOD 20W 865 APR

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