PHILIPS Lighting



MyCare LED Circular

LED MOD 25W G3 865

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) 15,000	
Switching Cycle		
Lighting Technology	LED	
Light Technical		
Color Code	865 [CCT of 6500K]	
Beam Angle (Nom)	150 degree(s)	
Luminous Flux	2,400 lm	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	96 lm/W	
Color Consistency <6		
Color rendering index (CRI)	83	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Photobiological safety according to EN 62471	RG1	

Color rendering index (CRI)	83	Product Length
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Shape
Photobiological safety according to EN 62471	RG1	Net Weight (Piece)
Operating and Electrical		Approval and Application
Input Frequency	50 to 60 Hz	Energy Saving Product
Power Consumption	25 W	Approval Marks
Lamp Current (Nom)	180 mA	EU RoHS compliant
Wattage Equivalent	40 W	EyeComfort
Starting Time (Nom)	0.5 s	LED Innovations

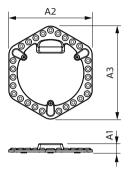
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.5		
Voltage (Nom)	220-240 V		
Ballast Compatibility	Mains		
Temperature			
T-Case Maximum (Nom)	85 ℃		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Plastic		
Product Length	200 mm		
Bulb Shape	Others		
Net Weight (Piece)	0.105 kg		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	RoHS compliance		
EU RoHS compliant	Yes		
EyeComfort	Yes		
LED Innovations	EyeComfort		

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Ambient temperature range	−20 to +45 °C
Product Data	
Order product name	LED MOD 25W G3 865
Full product name	LED MOD 25W G3 865
Full product code	694197061200500
Order code	929003765909

Material Nr. (12NC)	929003765909
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6941970612005
Numerator - Packs per outer box	40
EAN/UPC - Case	6941970612012

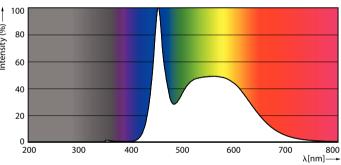
Dimensional drawing



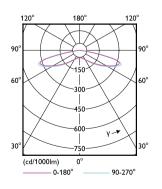
Photometric data

Product	D1	D2	A1	A2	A3
LED MOD 25W G3 865	178.5 mm	178.5 mm	21 mm	160 mm	178.5 mm

Intensity (%) —•



General uniform lighting - LED MOD 25W G3 865

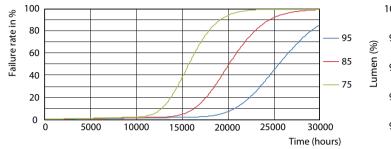


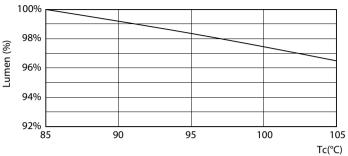
Light Distribution Diagram - LED MOD 25W G3 865

Spectral Power Distribution Colour - LED MOD 25W G3 865

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Lifetime





FailureRate

100

80 60

40

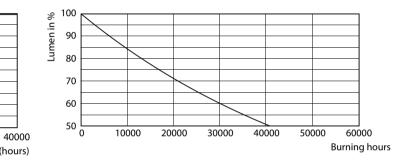
20

0

0

Failure rate in %

Lumen Maintenance Diagram - LED MOD 25W G3 865



Life Expectancy Diagram

5000

10000

15000

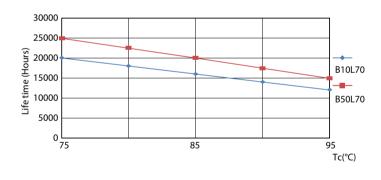
20000

25000

30000

35000

Time (hours)



LifetimeVsTc

Lumen Maintenance Diagram - LED MOD 25W G3 865

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