



MyCare LED Circular

LED MOD 20W 830 APR

LEDtube, Others, Mains, 200 mm, 220-240 V, 20 W, 40-55W, 3000 K, 2200 lm, 20000 hour(s)

LEDtube, Others, Mains, 200 mm, 220-240 V, 20 W, LED alternative to 40-55W, 3000 K, 2200 lm, 20000 hour(s), 110 lm/W, Beam angle 120 degree(s), Plastic

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	LEDtube
Light Technical	
Color Code	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	
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	0.5 s
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	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	200 mm

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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)	0.105 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

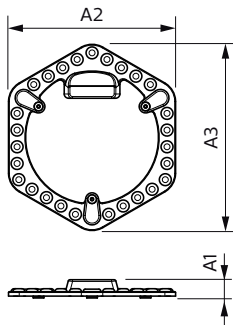
Application Conditions

Wireless Technology	Not applicable
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Product Data

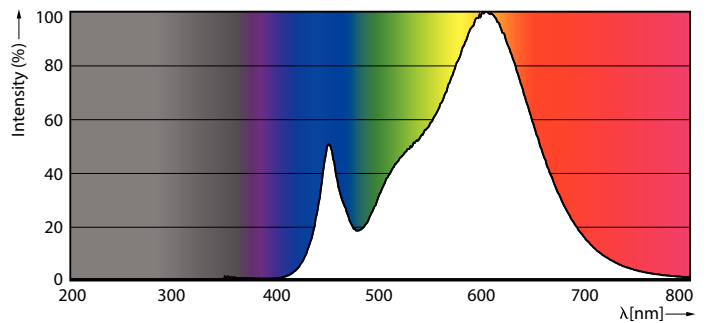
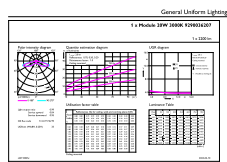
Order product name	LED MOD 20W 830 APR
Full product name	LED MOD 20W 830 APR
Full product code	872016919635300
Order code	929003620707
Material Nr. (12NC)	929003620707
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169196353
Numerator - Packs per outer box	20
EAN/UPC - Case	8720169196360

Dimensional drawing



Product	A1	A2	A3
LED MOD 20W 830 APR	21.5 mm	195 mm	217.5 mm

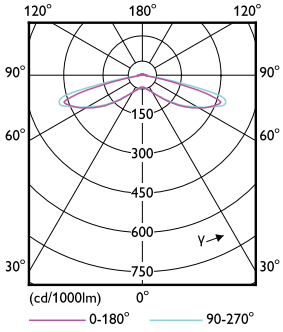
Photometric data



General uniform lighting - LED MOD 20W 830 APR

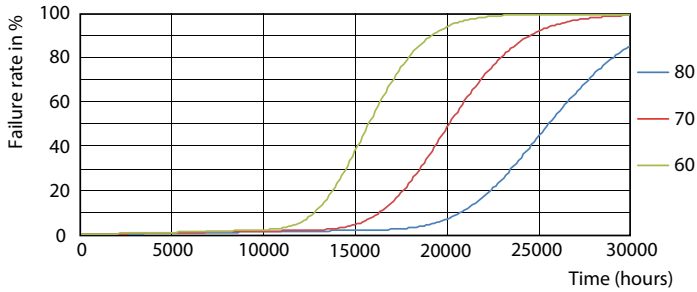
Spectral Power Distribution Colour - LED MOD 20W 830 APR

Photometric data

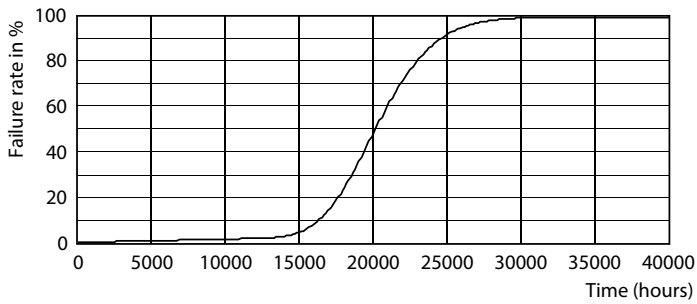


Light Distribution Diagram - LED MOD 20W 830 APR

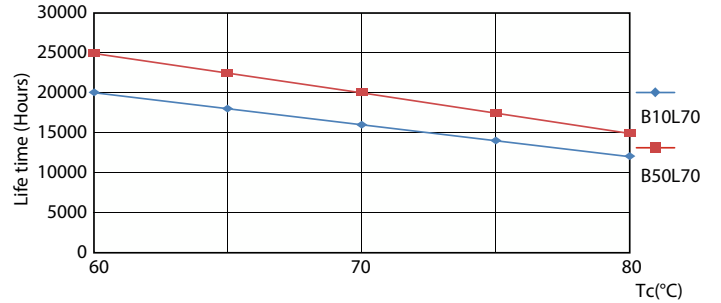
Lifetime



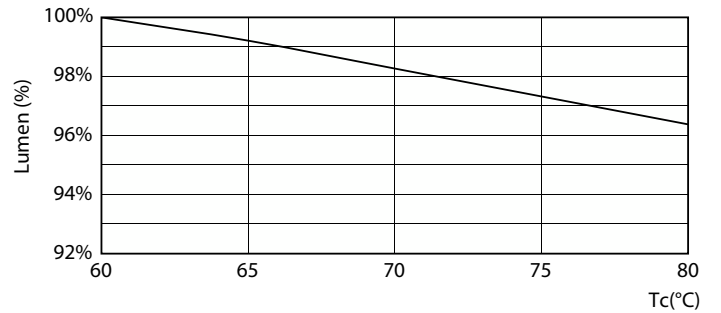
FailureRate



Life Expectancy Diagram



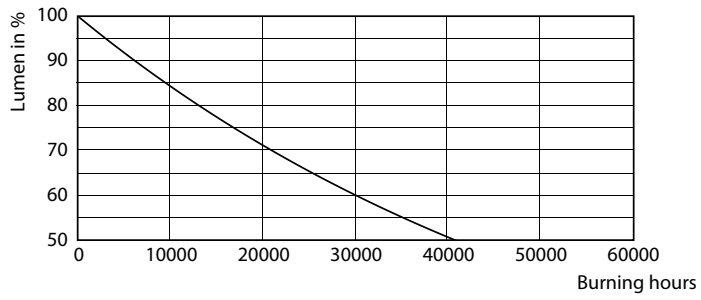
LifetimeVsTc



Lumen Maintenance Diagram - LED MOD 20W 830 APR

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Lifetime



Lumen Maintenance Diagram - LED MOD 20W 830 APR

