



# Essential SmartBright LED Downlight

**DN020B G3 LED20/CW 23W 220-240V D200 GM**

Essential SmartBright LED Downlight, 23 W, 2000 lm, 6500 K, White

Essential SmartBright G2 LED Downlight is value for money product with high efficacy, good quality and reliability. It offers multiple configurations from 300lm to 2000lm output, to replace conventional downlight. It can be used for shopping mall, retail store, residential and office. It's an ideal product family to distribute in trade market.

## Product data

General Information		Power Consumption	
Light source replaceable	No	Power Consumption	23 W
Lighting Technology	LED	Power Factor (Fraction)	0.5
Light Technical		Connection	Flying leads/wires
Luminous Flux	2,000 lm	Temperature	
Correlated Color Temperature (Nom)	6500 K	Ambient temperature range	-20 to +40 °C
Luminous Efficacy (rated) (Nom)	86.00 lm/W	Controls and Dimming	
Color rendering index (CRI)	80	Dimmable	No
Light source color	865 cool daylight	Mechanical and Housing	
Luminaire light beam spread	110°	Housing Material	Plastic
Operating and Electrical		Reflector material	Polycarbonate
Input Voltage	220 to 240 V	Optic material	Polycarbonate
Line Frequency	50 or 60 Hz	Fixation material	Stainless steel
Input Frequency	50 or 60 Hz	Housing Color	White

# Essential SmartBright LED Downlight

Optical cover finish	Frosted
Overall length	105 mm
Overall width	105 mm
Overall height	38 mm
Overall diameter	225 mm
Dimensions (Height x Width x Depth)	38 x 105 x 105 mm

## Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II

## Initial Performance (IEC Compliant)

Initial chromaticity	(0.3123, 0.3283) 6
Power consumption tolerance	+/-10%

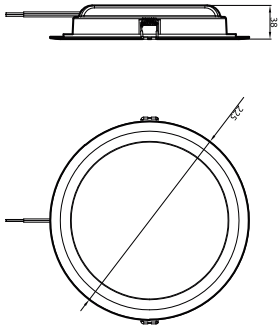
## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.6 %
Median useful life L70B50	20,000 hour(s)

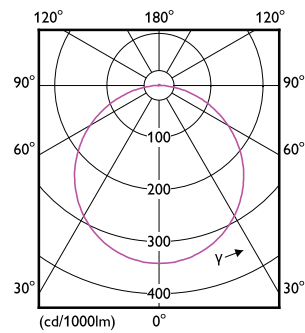
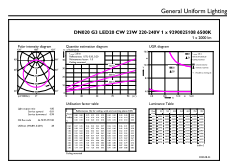
## Product Data

Order product name	DN020B G3 LED20/CW 23W 220-240V D200 GM
Full product name	DN020B G3 LED20/CW 23W 220-240V D200 GM
Full product code	871869977947400
Order code	929002510808
Material Nr. (12NC)	929002510808
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699779474
Numerator - Packs per outer box	30
EAN/UPC - Case	8718699779481

## Dimensional drawing



## Photometric data

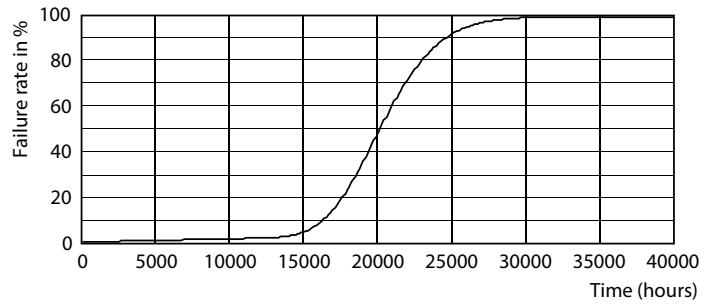
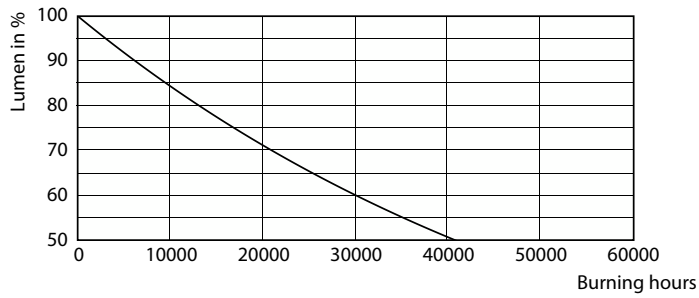


General uniform lighting - DN020B G3 LED20/CW 23W 220-240V D200 GM

Light Distribution Diagram - DN020B G3 LED20/CW 23W 220-240V D200 GM

# Essential SmartBright LED Downlight

## Lifetime



Lumen Maintenance Diagram - DN020B G3 LED20/CW 23W 220-240V D200 GM

Life Expectancy Diagram - DN020B G3 LED20/CW 23W 220-240V D200 GM

