

Mazda

DN020B

Mounting Instructions

V1.1


IEC
60598

IP20

$t_a 25^\circ\text{C}$



7.500x

Product Type	CCT (K)	Power(W)	LEDs	Lumen Output (lm)		Ø A (mm)	Ø B Cut out (mm)	Voltage	Frequency
MZD DN020B LED12/830 16W 220-240V WH	3000K	16	60	1150	0.157	Ø165*47	145-155	220-240V~	50/60Hz
MZD DN020B LED12/840 16W 220-240V WH	4000K			1200					
MZD DN020B LED12/865 16W 220-240V WH	6500K			1200					
MZD DN020B LED20/830 24W 220-240V WH	3000K	24	100	1900	0.275	Ø215*49	195-205		
MZD DN020B LED20/840 24W 220-240V WH	4000K			2000					
MZD DN020B LED20/865 24W 220-240V WH	6500K			2000					

The lifetime indicated in the packaging box is defined as the number of hours when the light output of 50% of a large group of identical luminaires goes below 70% of its initial luminous flux (L70B50). The lifetime is estimated at room temperature (25 °C), free air burning and at rated voltage.

Flex Wire

H03VVH2-F
2x0.75mm²
N: blue
L: Brown

Please use IP20 or above terminal box to connect the flex wire.
(The terminal box's dimension must be greater than 10x20x25mm. The box is not included.)

Recessed Mounting

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2

Model	Run Current(A) (@230V)	Start (Inrush) Current(A)/Ipeak(A)	Start Current Duration(µs)/ T(@50% of Ipeak) (µs)	*Touch current or protective conductor current (mA)	Max number of luminaires on MCB 16A Type B (pcs)	Max number of luminaires on MCB 16A Type C (pcs)
MZD DN020B LED12/830 16W 220-240V WH	0.125	Ipeak:9.04A	Start Current Duration:150us	<0.7	104	130
MZD DN020B LED12/840 16W 220-240V WH	0.125	Ipeak:9.04A	Start Current Duration:150us	<0.7	104	130
MZD DN020B LED12/865 16W 220-240V WH	0.125	Ipeak:9.04A	Start Current Duration:150us	<0.7	104	130
MZD DN020B LED20/830 24W 220-240V WH	0.195	Ipeak:16.1A	Start Current Duration:190us	<0.7	57	97
MZD DN020B LED20/840 24W 220-240V WH	0.195	Ipeak:16.1A	Start Current Duration:190us	<0.7	57	97
MZD DN020B LED20/865 24W 220-240V WH	0.195	Ipeak:16.1A	Start Current Duration:190us	<0.7	57	97

The leakage current *(touch current or protective conductor current) of electrical circuit may be greatly dependent upon electrical supply cables used such as its rating and length, proper connection of electrical supply cables to luminaires and wiring connection topology of luminaires to the supply electrical circuit amongst other conditions.

* In some cases referred to as Earth Leakage Current.

Please read this manual carefully before using the product.

- For indoor use only.
- Do not switch on before complete installation.
- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
- The luminaire shall not be covered with thermal insulation or similar material under any circumstance.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- The luminaire is complied with IEC 60598.
- Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, phthalates, etc, are present.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.