

basics Downlights

7W, 9W & 12W LED Dimmable



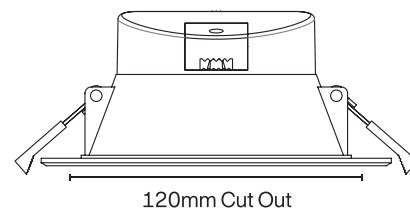
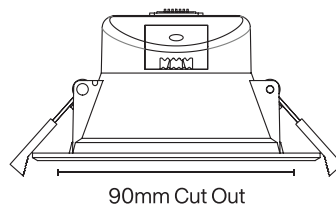
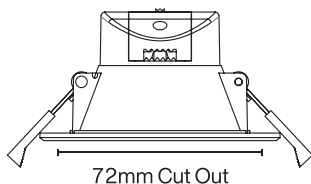
Product information

The new range to kick off the BASIC series from M-Elec is the BSD range of downlights. The BASIC series offers a no-fuss, low cost solution for those in the trade requiring low featured products and up against budget restraints placed upon them by clients and builders. Available in and in each of the models on board.



TECHNICAL INFORMATION

	ML-BSD7-V2-MULTI	ML-BSD9-V2-MULTI	ML-BSD12-V2-MULTI
Total Power	7W*	9W*	12W*
Lumen Output:	650LM (WW) 750LM (NW) 700LM (W)	800LM (WW) 900LM (NW) 850LM (W)	1100LM (WW) 1200LM (NW) 1150LM (W)
Colour Temp:	WW 3000K NW 4000K W 5700K	WW 3000K NW 4000K W 5700K	WW 3000K NW 4000K W 5700K
IP Rating:	IP40	IP40	IP40
CRI:	80+	80+	80+
Efficacy:	92LM/W (WW) 107LM/W (NW) 100LM/W (W)	88LM/W (WW) 100LM/W (NW) 94LM/W (W)	91LM/W (WW) 100LM/W (NW) 95LM/W (W)
Beam Angle:	100 Degrees	100 Degrees	100 Degrees
Dimmable:	Yes	Yes	Yes
Power Supply:	In Built Dimmable	In Built Dimmable	In Built Dimmable
Power Factor	0.8+	0.8+	0.8+
Input Voltage	AC 220 - 240V	AC 220 - 240V	AC 220 - 240V
Frequency	50 Hz	50 Hz	50 Hz
Average Life:	35,000 hrs**	35,000 hrs**	35,000 hrs**
Dimensions	96mm x 52mm	115mm x 60mm	140mm x 65mm
Cut Out	72mm	90mm	120mm
Weight	160g	210g	260g
Operating Temp	-20°C to 40°C	-20°C to 40°C	-20°C to 40°C
Compliance	EMC (RCM), SAA, IC-F, IC-4	EMC (RCM), SAA, IC-F, IC-4	EMC (RCM), SAA, IC-F, IC-4
Connection	600mm Flex & Plug	600mm Flex & Plug	600mm Flex & Plug
LED Chip Brand	SMD2835	SMD2835	SMD2835
Materials:	Frosted PC Diffuser, White Aluminium Coated Plastic Housing	Frosted PC Diffuser, White Aluminium Coated Plastic Housing	Frosted PC Diffuser, White Aluminium Coated Plastic Housing
Kit Includes	1x LED Downlight with white trim 1x Dimmable Driver with 0.6m Flex & Plug 1x Installation Instruction	1x LED Downlight with white trim 1x Dimmable Driver with 0.6m Flex & Plug 1x Installation Instruction	1x LED Downlight with white trim 1x Dimmable Driver with 0.6m Flex & Plug 1x Installation Instruction



*Total power consumed including driver

** Average life is calculated on expected average lifespan

PLEASE NOTE!

MUST BE INSTALLED BY LICENSED ELECTRICIAN

- Do not extend low voltage cables from the output of the power supply.
 - All components must not be mechanically stressed.
 - Be careful not to damage or destroy conducting paths on the circuit board.
 - Follow all relevant electrical and safety standards (including AS3000) – only qualified personnel should be allowed to perform installations.
 - Damage by corrosion will not be honoured as a material defect claim. It is the user’s responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements.
- If these regulations are not followed warranty will be void and all issues are the responsibility of the installer.
 - M-Elec still recommends that an air gap is left around driver and light to ensure the maximum life span of the product is achieved.

For further information please visit www.melec.com.au

INSTALLATION INSTRUCTIONS

1. Before commencing installation or maintenance, please ensure electricity is switched off at the mains.
2. Remove existing downlight or mark and cut appropriate hole in ceiling.
3. Set the desired colour output with the selector switch on the back of the downlight head (pictured below).
4. Plug the downlight into the plug base using the supplied flex & plug.
5. Carefully bend spring clips upwards and install the LED Downlight.
6. Test.

