

## Safety

- Do not cover any earth contacts.
- Do not insert foreign into the item.
- Do not clean using any solvent based abrasive or aggressive product.
- Do not pull any cables connected to the product.
- Some products including Light engines/LEDs and other light sources may become hot in operating, please take care when handling the products.
- The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device. Please refer to our trouble shooting guide for further information.
- The manufacturer will not be held liable for any death(s) or injuries caused by misuse or poor installation or any unreported faults of this product version or versions thereof.
- Do not connect to a temporary electricity supply, this may damage the electronics.



**ENSURE POWER SUPPLY IS OFF WHEN HANDLING ANY ELECTRICAL EQUIPMENT.**

## Returns & Faulty Items

- If any problem is encountered during or after installation, please call ALL LED technical department to get the problem resolved as soon as possible.
- Please do not just return the item to the outlet you purchased it from, as you are only entitled to a replacement or refund after the unit has undergone testing and the unit has been confirmed as having a manufacturing defect/fault. Your statutory rights are not affected.
- The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device. Please refer to our trouble shooting guide for further information.
- All installations must be carried out in accordance with this installation guide and user manual.
- All goods are supplied under the terms and conditions of ALL LED LTD, a copy of which may be obtained upon written request.



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**PLEASE READ  
BEFORE USE!**

## INSTALLATION GUIDE & USER MANUAL AFD05/A/\*\*/CCT



**ENSURE POWER SUPPLY IS OFF WHEN HANDLING ANY ELECTRICAL EQUIPMENT.**

- This product may need to be installed by a qualified electrical installer.
- Please read this guide in its entirety to fully understand the products before attempting any install.
- All electrical work should be completed in accordance with the latest IET regulations, and/or any other relevant rules, regulations or laws of the country in which it is being installed.
- The item must be installed in isolation from any insulating material and is adequately ventilated to prevent premature failure.
- Ensure power supply is isolated prior to installation, maintenance or performing any other form of electrical work.
- In the event of incorrect or improper function with specific regard to any of ALL LED's products and contact ALL LED for further advice.

## Technical Specifications

Product Code	AFD05/A/**/CCT		
	3000K	4000K	6000K
CCT (Kelvin)	3000K	4000K	6000K
Luminous Flux (LM)	410LM	490LM	450LM
Useful Luminous Flux (LM)	300LM	360LM	330LM
Peak Intensity (cd)	322	378	356
R9 Colour Rendering Index Value	15	23	8
Beam Angle (°)	60°		
SDCM	<6		
CRI	≥80		
Operating Voltage (V)	220-240VAC		
Max Output Power (W)	5W		
Operating Current (A max)	0.024A		
Power Factor (Pf)	≥0.85		
Class	I		
Finish	Polar White / Carbon Black / Polished Chrome / Satin Nickel <sup>†</sup>		
Body Material	Steel & Polymer		
Cut out	Ø58 - 75mm		
Switching Cycles	10,000		
Ingress Protection	IP65		
Ambient Operating Temperature (°C)	-20°C ~ +45°C		
Input Frequency (Hz)	50/60Hz		
Guarantee	5 Years		
Dimmable	Yes		
Dimming Compatibility	Trailing & Leading		
Cable Length	75mm		
Life Time (L70 B50)	40,000h		
Survival Factor	1		
Lumen Maintenance Factor	99.49%		
Displacement Factor	0.88		
Flicker Metric (PstLM)	0.077		
Stroboscopic Effect Metric (SVM)	0.069		

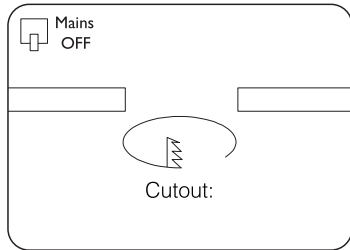
<sup>†</sup>Sold separately.

Environmental Protection  
Waste electrical products should  
not be disposed of with household  
waste. Please recycle where  
facilities exist. Check with your  
Local Authority or retailer for  
recycling advice

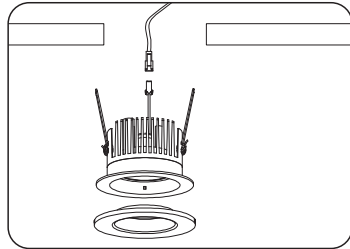


**ISOLATE MAINS SUPPLY  
BEFORE HANDLING ANY  
ELECTRICAL PRODUCTS**

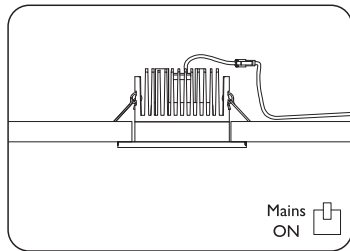
## Installation Instructions



Choose the location of your new downlight, giving consideration to joists, water pipes, wiring or any other obstacles that may hamper installation. Please also ensure you have adequate ventilation and/or ceiling clearance in the relevant voids. Using a hole cutter, cut the appropriate cutout for the downlight.

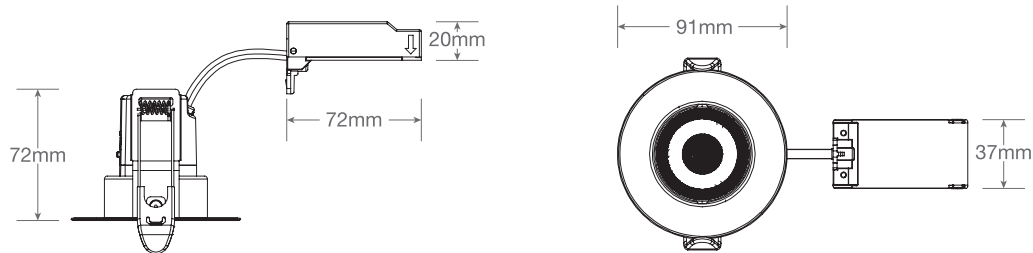


Feed cables through and make the electrical connections to the led driver according to relevant regulations in your territory. Install the fixture in the ceiling using the spring clips and lace bezel on product. Install the fixture in the ceiling using the spring clips and place bezel on products.



Turn mains electricity back on and test to see if the product is functioning correctly

## Dimensions



Outcut: Ø58 -75 mm  
Overall Diameter: Ø91 mm  
Overall Depth: 72 mm

## Notes

Should you encounter any difficulties with this product, please contact the ALL LED technical team. Do not hold this product by the trailing lead, it may damage the integrity of the product.

## Troubleshooting Guide

PROBLEM	CAUSE(S)	SOLUTION(S)
No Light Coming From Lamp	No power to drive components	A qualified installer/electrician should check the Primary voltage side of the product to check the input voltage.
	Loose connection on circuit	Ensure continuous and correct connection between terminals.
	DC connector not plugged in properly or attached on driver properly	Double check connections and that item is plugged in correctly.



### ATTENTION

IF ANY PROBLEMS PERSIST, PLEASE CALL THE ALL LED TECHNICAL DEPARTMENT FOR FURTHER ASSISTANCE.