

atom

OptiDim™

AFD05/F/**/CCT

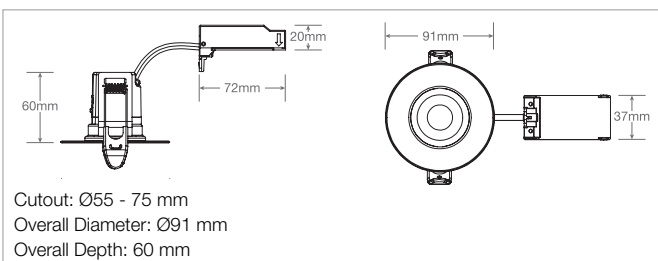
Fixed 5W IP65 CCT Selectable Dimmable LED
Fire Rated Downlight

PRODUCT FEATURES

- CCT Selectable
- OptiDim - Advanced Dimming Technology*
- Loop-in Loop-out Terminals
- Ultra Slim Low Profile Bezel
- Diamond Tec Lens
- IP65 Rated (From Front When Installed)
- Available in Polar White, Carbon Black, Polished Chrome and Satin Nickel†
- Available in Fixed and Adjustable†
- Insulation Coverable
- 30, 60, 90 Minutes Timber Joist Rated
- 30 Minutes Staircraft I-Joist Rated and Metal Web Joist Rated
- Compliant to; Part B - Fire, Part C - Moisture, Part E - Acoustic & Leakage



Diamondtec
The Cutting Edge of LED Optics



TECHNICAL SPECIFICATIONS

Product Code	AFD05/F/**/CCT		
CCT (Kelvin)	3000K	4000K	6000K
Luminous Flux (LM)	420LM	490LM	450LM
Useful Luminous Flux (LM)	320LM	370LM	340LM
Peak Intensity (cd)	316	358	345
R9 Colour Rendering Index Value	14	22	4
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†		
Body Material	Steel & Polymer		
Cut out	Ø55 - 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	0.89		
Flicker Metric (PstLM)	0.073		
Stroboscopic Effect Metric (SVM)	0.107		

*When installed with suitable dimmer. †Sold separately.



CCT 3000K 4000K 6000K

