

# THE LUX COMPANY Gyro AEI Fully Adjustable Surface Gimbal



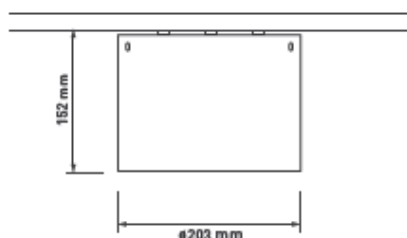
THE  
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COMPANY

## DESCRIPTION



This fully adjustable surface luminaire offers a versatile solution for a host of display lighting applications with limited or no ceiling voids. AEI is available in white or black and offers a choice of colour temperatures and beam angles, as well as dimming and Ra90 high colour rendering options, making it ideal for the retail environment.

## SPECIFICATION



Nominal weight	1.4 kg
Mains voltage	220 - 240 V
Mains frequency	50 - 60 Hz
Ingress protection	IP20
Mains lead	N/A
Operating ambient temperature	-25°C to +35°C
Colour consistency - MacAdam Ellipse	3 SDCM
Warranty	5 years
Power factor	>0.9
Beam angle	Medium

## PERFORMANCE DATA

Colour Temp (K)	Colour Rendering (Ra)	Luminaire Output (Llm)	Luminaire Power (W)	Luminaire Efficacy (Llm/W)	Model Ref
3000	80	1072	10.0	107.2	AEI001
3000	80	1994	18.1	110.3	AEI003
3000	80	2985	30.6	97.6	AEI005
4000	80	1000	8.9	112.3	AEI002
4000	80	2009	17.7	113.5	AEI004
4000	80	3019	29.4	102.6	AEI006



## LIFE

Model Ref	25°C Ambient Temperature	
	L80 / F10	L70 / F10
AEI001	51,000 h	>60,000 h
AEI002	51,000 h	>60,000 h
AEI003	48,000 h	>60,000 h
AEI004	48,000 h	>60,000 h
AEI005	44,000 h	>60,000 h
AEI006	44,000 h	>60,000 h

“L VALUE” = % of initial lumens maintained after specified time

“F VALUE” = % of fittings failing to meet operational expectations after specified time

### EXAMPLE - 60,000 hours L80 / F10

“L80” = 80% of initial lumens maintained after 60,000 hours

“F10” = 10% of fittings will have maintained less than 80% of initial lumens after 60,000 hours

OR 90% of fittings will have maintained at least 80% of initial lumens after 60,000 hours

## OPTIONS



**/NB**  
Narrow beam reflector



**/WB**  
Wide beam reflector



**/ECO**  
SwitchDIM, DALI or DSI



**/R9**  
Ra90 colour rendering

## FINISHES



**/BK**  
Black finish