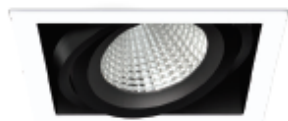


# THE LUX COMPANY Gyro ABA Single LED Framelight with Tridonic SLE



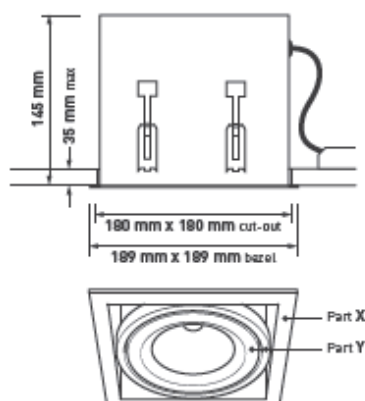
THE  
LUX  
COMPANY

## DESCRIPTION



Fully adjustable LED framelight with two gimbal fixing positions to suit ambient and accent lighting requirements in retail applications. Fitted with a multi-faceted reflector and powered by Tridonic SLE for outstanding luminaire efficacy, ABA offers a choice of Ra 80 and Ra 90 colour rendering, along with a wide range of lumen outputs. Various beam angles, dimming and emergency options are also available. Complements the twin and triple versions ABB and ABC. They are a viable alternative to HID and AR111 framelights.

## SPECIFICATION



Nominal weight	1.2 kg
Mains voltage	220 - 240 V
Mains frequency	50 - 60 Hz
Ingress protection (front)	IP20
Ingress protection (rear)	IP20
Mains lead	500 mm 3 core LSF
Dimming lead	500 mm 2 core LSF
Operating ambient temperature (Performance <sup>+</sup> & Performance)	-25°C to +35°C
Operating ambient temperature (Choice)	-25°C to +25°C
Colour consistency - MacAdam Ellipse	3 SDCM
Warranty	5 years
Power factor (Performance <sup>+</sup> & Performance)	>0.9
Power factor (Choice)	0.9
Beam angle	Medium

## SYSTEM PERFORMANCE LEVELS

SYSTEM LEVEL	DESCRIPTION
PERFORMANCE <sup>+</sup>	A high end, dimmable addressable system that offers flexibility, communication and control using high quality components for demanding lighting applications.
PERFORMANCE	A high performance system using high quality short circuit, overload and temperature protection components for professional lighting applications.
CHOICE	A professional, cost effective solution focused on the basic functions of illumination for less demanding applications.

# PERFORMANCE DATA - PERFORMANCE<sup>+</sup>

A high end, dimmable addressable system that offers flexibility, communication and control using high quality components for demanding lighting applications.

Colour Temp (K)	Colour Rendering (R <sub>a</sub> )	Luminaire Output (Llm)	Luminaire Power (W)	Luminaire Efficacy (Llm/W)	Model Ref
3000	80	729	6.9	105.7	ABA2009/ECO
3000	80	1611	15.1	106.7	ABA2001/ECO
3000	80	2010	18.1	111.0	ABA2002/ECO
3000	80	2691	24.4	110.3	ABA3002/ECO
3000	80	3264	29.6	110.3	ABA5001/ECO
4000	80	762	6.9	110.4	ABA2010/ECO
4000	80	1679	15.1	111.2	ABA2003/ECO
4000	80	1882	18.1	104.0	ABA2004/ECO
4000	80	2806	24.4	115.0	ABA3004/ECO
4000	80	3403	29.6	115.0	ABA5002/ECO
3000	90	617	6.9	89.4	ABA2011/ECO
3000	90	1364	15.1	90.3	ABA2005/ECO
3000	90	1703	18.7	91.1	ABA2006/ECO
3000	90	2279	24.4	93.4	ABA3006/ECO
3000	90	2931	31.8	92.2	ABA5003/ECO
4000	90	662	6.9	95.9	ABA2012/ECO
4000	90	1462	15.1	96.8	ABA2007/ECO
4000	90	1826	18.7	97.6	ABA2008/ECO
4000	90	2444	24.4	100.2	ABA3008/ECO
4000	90	3144	31.8	98.9	ABA5004/ECO

## PERFORMANCE DATA - PERFORMANCE

A high performance system using high quality short circuit, overload and temperature protection components for professional lighting applications.

Colour Temp (K)	Colour Rendering (Ra)	Luminaire Output (Llm)	Luminaire Power (W)	Luminaire Efficacy (Llm/W)	Model Ref
3000	80	729	6.9	105.7	ABA2009
3000	80	1611	15.1	106.7	ABA2001
3000	80	2010	18.1	111.0	ABA2002
3000	80	2691	24.4	110.3	ABA3002
3000	80	3264	29.6	110.3	ABA5001
4000	80	762	6.9	110.4	ABA2010
4000	80	1679	15.1	111.2	ABA2003
4000	80	1882	18.1	104.0	ABA2004
4000	80	2806	24.4	115.0	ABA3004
4000	80	3403	29.6	115.0	ABA5002
3000	90	617	6.9	89.4	ABA2011
3000	90	1364	15.1	90.3	ABA2005
3000	90	1703	18.7	91.1	ABA2006
3000	90	2279	24.4	93.4	ABA3006
3000	90	2931	31.8	92.2	ABA5003
4000	90	662	6.9	95.9	ABA2012
4000	90	1462	15.1	96.8	ABA2007
4000	90	1826	18.7	97.6	ABA2008
4000	90	2444	24.4	100.2	ABA3008
4000	90	3144	31.8	98.9	ABA5004

## PERFORMANCE DATA - CHOICE

A professional, cost effective solution focused on the basic functions of illumination for less demanding applications.

Colour Temp (K)	Colour Rendering (Ra)	Luminaire Output (Llm)	Luminaire Power (W)	Luminaire Efficacy (Llm/W)	Model Ref
3000	80	1611	14.0	115.1	ABA101
3000	80	2211	19.6	112.8	ABA103
4000	80	1679	14.0	119.9	ABA102
4000	80	2306	19.6	117.7	ABA104

**LIFE**

Model Ref	25°C Ambient Temperature	
	L80 / F10	L70 / F10
ABA2001	51,000 h	>60,000 h
ABA2002	51,000 h	>60,000 h
ABA2003	51,000 h	>60,000 h
ABA2004	51,000 h	>60,000 h
ABA2005	51,000 h	>60,000 h
ABA2006	51,000 h	>60,000 h
ABA2007	51,000 h	>60,000 h
ABA2008	51,000 h	>60,000 h
ABA2009	51,000 h	>60,000 h
ABA2010	51,000 h	>60,000 h
ABA2011	51,000 h	>60,000 h
ABA2012	51,000 h	>60,000 h
ABA3002	51,000 h	>60,000 h
ABA3004	51,000 h	>60,000 h
ABA3006	51,000 h	>60,000 h
ABA3008	51,000 h	>60,000 h
ABA5001	44,000 h	>60,000 h
ABA5002	44,000 h	>60,000 h
ABA5003	44,000 h	>60,000 h
ABA5004	44,000 h	>60,000 h
ABA101	-	>50,000 h
ABA102	-	>50,000 h
ABA103	-	>50,000 h
ABA104	-	>50,000 h

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



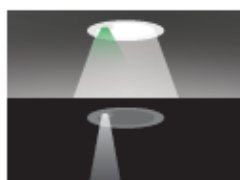
## OPTIONS



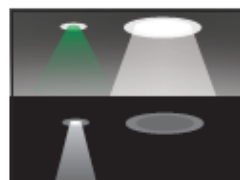
**/NB**  
24° narrow beam  
reflector



**/WB**  
60° wide beam reflector  
excluding ABB5XXX/XY



**ILEM Clip-in (long clip)**  
Please see ILEM  
datasheet



**ILEM Remote**  
Please see ILEM  
datasheet



**/SPC**  
Single Point Connection  
to an ILEM product

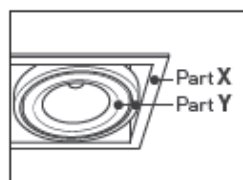


**Twin available**  
Please see ABB datasheet

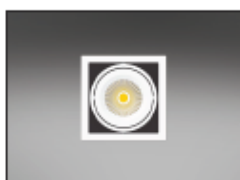


**Triple available**  
Please see ABC datasheet

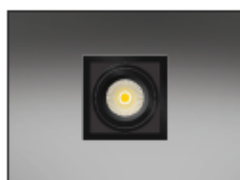
## FINISHES (/XY)



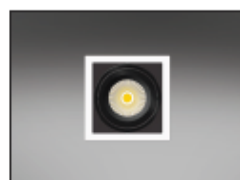
**MIX OR MATCH**  
Finishes may be mixed or  
matched as required



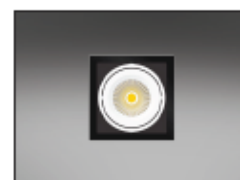
**/WW**  
White, white



**/BB**  
Black, black



**/WB**  
White, black



**/BW**  
Black, white