

# THE LUX COMPANY Syncro FC LED Display Light with Tridonic SLE



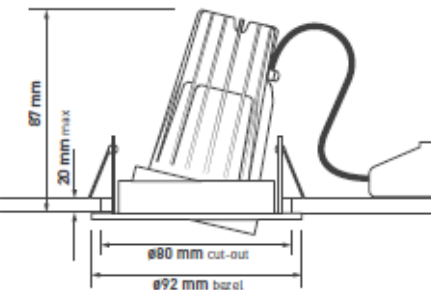
THE  
LUX  
COMPANY

## DESCRIPTION



A compact adjustable LED gimbal for display, wall wash effect or accent lighting in retail, hospitality, leisure and residential applications. Powered by either a Tridonic SLE module and driver system or a Vossloh module paired with a Tridonic driver, it is fitted with a medium beam reflector and integral IP44 protective lens. It is supplied in a brushed aluminium finish as standard, with white or black options. Narrow beam, dimming and emergency options are also available.

## SPECIFICATIONS



Nominal weight	0.3 kg
Mains voltage	220 - 240 V
Mains frequency	50 - 60 Hz
Ingress protection (front)	IP44
Ingress protection (rear)	IP20
Mains lead	500 mm 2 core LSF
Dimming lead	500 mm 2 core LSF
Colour consistency - MacAdam Ellipse	3 SDCM
Warranty	5 years
Beam angle	Medium 37°

FC007 and FC008 may differ slightly in appearance and height to those shown above. Please contact us for more information.

## PERFORMANCE DATA - TRIDONIC MODULE

Colour Temp (K)	Luminaire Output (Llm)	Luminaire Power (W)	Luminaire Efficacy (Llm/W)	Operating Ambient Temperature (°C)	Power Factor	Colour Rendering (Ra)	Model Ref
3000	511	8.5	60.2	-25 to +35	>0.9	80	FC002
3000	683	10.5	65.2	-25 to +25	0.89	80	FC005
4000	533	8.5	62.8	-25 to +35	>0.9	80	FC003
4000	713	10.5	68.1	-25 to +25	0.89	80	FC006

## PERFORMANCE DATA - VOSSLOH MODULE

Colour Temp (K)	Luminaire Output (Llm)	Luminaire Power (W)	Luminaire Efficacy (Llm/W)	Operating Ambient Temperature (°C)	Power Factor	Colour Rendering (Ra)	Model Ref
3000	849	12.4	68.3	-25 to +25	>0.9	85	FC007
4000	915	12.4	73.5	-25 to +25	>0.9	85	FC008



## LIFE - TRIDONIC MODULES

Model Ref	25°C Ambient Temperature		
	L90 / F10	L80 / F10	L70 / F10
FC002	-	42,000 h	>60,000 h
FC003	-	42,000 h	>60,000 h
FC005	-	32,000 h	52,000 h
FC006	-	32,000 h	52,000 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

## LIFE - VOSSLOH MODULES

Model Ref	25°C Ambient Temperature
	L90 / B10
FC007	50,000 h
FC008	50,000 h

"L VALUE" = % of initial lumens maintained after specified time

"B VALUE" = % of fittings that will have depreciated below the L value after specified time

### EXAMPLE - 50,000 hours L70 / B50

"L70" = 70% of initial lumens maintained after 50,000 hours

"B50" = 50% of fittings will have depreciated below 70% of the initial lumens after 50,000 hours

OR 50% of fittings will have maintained 70% of the initial lumens after 50,000 hours



## OPTIONS



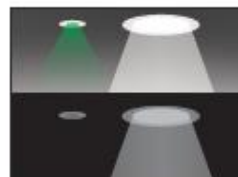
**/NB**  
33° narrow beam  
reflector (excluding FC007  
and FC008)



**R<sub>a</sub> 90**  
High colour rendering  
(excluding FC007 and  
FC008). Contact Sales



**/ECO**  
SwitchDIM, DALI or DSI



**/EM**  
EM conversion



**/EMD**  
DALI / self-test  
emergency conversion



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



**2700 K**  
2700 K colour temperature  
Available with R<sub>a</sub> 90  
option only

## FINISHES



**/WH**  
White



**/BL**  
Black



**Product variations**  
Other colours and  
specifications available on  
request

## PRODUCT VARIATIONS



**Plug and socket systems**  
To your specification



**Reduced outputs**  
To your specification



**Product variations**  
Other specifications  
available on request