

# "YOKE" LED SERIES

Emergency high accuracy constant d.c. voltage to link the critical point of the LED Lamp

## Description

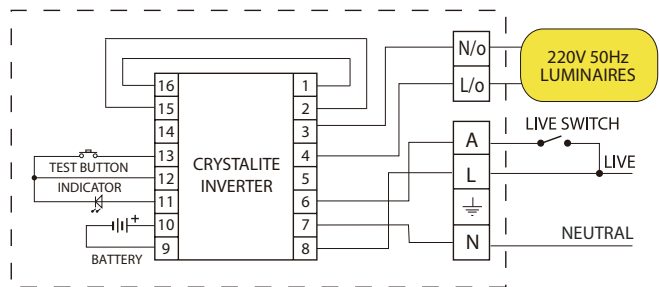
The method of (Y-LED Series) select a constant and stable output of DC voltage which will be acceptable by the LED tube at battery operation for emergency duty. The output DC voltage will be controlled on specific voltage to keep the LED tube operating well.

## Standards

- BS EN 60598-2-22
- BS EN 61347-2-7
- BS 5266-1
- FSD PPA 104(A) 4<sup>th</sup> Revision

## Connection Diagram

Maintained Type 長明式



"CRYSTALITE" CAT. CC-Y-LED-120C-K2



"CRYSTALITE" CAT. CC-Y-LED-120D-K3

## Technical Data

Model	CC-Y-LED-120C-K2	CC-Y-LED-150C-K2	CC-Y-LED-120D-K3	CC-Y-LED-150D-K3
Suitable Lamps	LED Luminaires subject to sample testing			
Discharge Duration	2 Hours		3 Hours	
Battery	Sealed Ni-cd /Ni-mh High Temperature Rechargeable Battery 12V 2.2Ah		12V 4.0Ah	
Emergency Output	Depends on the LED Lamp			
Line Voltage	A/C 220V~240V +6%, -10% 50Hz			
Low Voltage Discharge Protection	Electronic Protection for approximate 1V per cell			
Operating Temperature	0°C - 50°C			
Transfer Time	< 0.3 Second			
Recharge Period	12 Hours for 2 Hours discharge / 24 Hours for 3 Hours discharge			
Compliance	BS EN 60598-2-22, BS EN 61347-2-7, BS 5266-1, FSD PPA 104A (4 <sup>th</sup> Revision)			

**Remark:** This product does not include the metal box

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Model	Battery	Duration
CC-Y-LED-25C-K2	12V 2.2Ah	2 Hours
CC-Y-LED-60C-K2		
CC-Y-LED-80C-K2		
CC-Y-LED-110C-K2		
CC-Y-LED-120C-K2		
CC-Y-LED-128C-K2		
CC-Y-LED-150C-K2		
CC-Y-LED-220C-K2	12V 4.0Ah	3 Hours
CC-Y-LED-25D-K3		
CC-Y-LED-60D-K3		
CC-Y-LED-80D-K3		
CC-Y-LED-110D-K3		
CC-Y-LED-120D-K3		
CC-Y-LED-128D-K3		
CC-Y-LED-150D-K3		
CC-Y-LED-220D-K3		

Range from 25V ~ 220V, constant voltage emergency output will be provided upon request  
Emergency Output is different for different LED Lamp

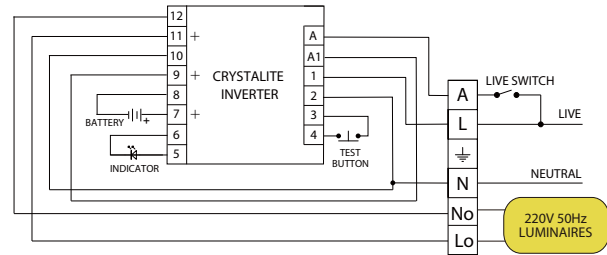
# “ECO” LED SERIES

## Description

Some of the LED lamp, when we locate the critical d.c. voltage, the LED lamp still need well control the current flow through the LED lamp. The following converters try to solve the technical issue with 2 hours and 3 hours duration emergency operation.

## Connection Diagram

Maintained Type 長明式



## Technical Data

Model	CC-ECO-LED-K2	CC-ECO-LED-K3
Suitable Lamps	LED Luminaires subject to sample testing	
Discharge Duration	2 Hours	3 Hours
Battery	Sealed Ni-cd /Ni-mh High Temperature Rechargeable Battery	
	9.6V 1.8Ah	9.6V 2.2Ah
Emergency Output	Depends on the LED Lamp	
Line Voltage	A/C 220V~240V +6%, -10% 50Hz	
Low Voltage Discharge Protection	Electronic Protection for approximate 1V per cell	
Operating Temperature	0°C - 50°C	
Transfer Time	< 0.3 Second	
Recharge Period	12 Hours for 2 Hours discharge / 24 Hours for 3 Hours discharge	
Compliance	BS EN 60598-2-22, BS EN 61347-2-7, BS 5266-1, FSD PPA 104A (4th Revision)	

**Remark:** This product does not include the metal box



SELF-CONTAINED EMERGENCY LIGHTING SYSTEM  
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