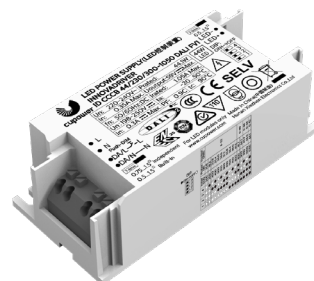


ID CCCB 38/230/500-900 DALI FV1

Stand alone type Dimmable adjustable output power
Support DALI-2, Push Dimming
Flicker free LED driver
Output current 500-900mA by DIP Switch adjust
Max. output power 37.8W
Constant lumen output(CLO)
For luminaires of protection class I,II
5-year warranty



ELECTRICAL SPECIFICATIONS		
Rated input voltage range:	220 ... 240 Vac	
Max. input voltage range:	198 ... 264 Vac	
DC voltage range :	198 ... 250 Vdc	
Max. DC voltage range :	176... 276Vdc	
Rated frequency range:	0 / 50 / 60 Hz	
Max. input current:	0.3 A @ 230 Vac	
Total harmonic distortion (max.):	≤ 10 % at rated input voltage range @ full load	
MCB Loading Quantity:	Inrush current Ipeak: 3.26A	
	Inrush current Twidth: 34us	
	MCB Type: B10 C10 B16 C16	
Qty (PCS)	44 44 70 70	
Output current tolerance:	± 5 % at rated input voltage range @ rated load	
No load output voltage:	≤ 59 Vdc	
Standby power consumption:	≤ 0.5W	
Ripple output current:	Peak-to-average value(≤ 3KHz) ≤ 4%	
Output PST:	≤1	
Output SVM:	≤0.4	
Dimming:	Dimming mode:	DALI-2, Push Dimming
	Dimming method:	amplitude dimming
	Dimming current range:	1%~100%
Withstand voltage:	I/P-O/P: 3.75 kVac, < 5 mA 60 sec	
Mains surge immunity:	L-N 1 kV	
Connection terminal type:	45° push in terminal	
Wire cross section:	Primary side: Built-in 0.5 - 1.5 mm ² ,Independent 0.75 - 1.5 mm ² secondary side: 0.5 - 1.5 mm ²	
Wire stripping length:	7 - 8 mm	
Protection rating:	IP 20	

Protection:	Over voltage protection: The output voltage is less than or equal to 59V
	Short circuit protection: Hiccup mode. Protection device will trigger when short circuit and will auto recover after the fault mode is removed.

ELECTRICAL SPECIFICATIONS

Supplementary instruction:	The luminaire manufacturer is responsible for measuring and verifying EMI compliance of the complete luminaire as the level of radio interference will vary depending on the luminaire construction. Especially primary and secondary cable lengths and their routing may have a significant effect on radio interference.
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ENVIRONMENTAL SPECIFICATIONS

Operating temperature:	-20 to 50° C
Storage temperature:	-40 to 80° C
Working humidity:	10 % to 90 %
Store humidity:	5 % to 90 %
Driver lifetime:	at Tc ≤ 85° C: 50,000 hrs; at Tc ≤ 75° C: 100,000 hrs; @230Vac
Maximum Tc temperature:	90° C

PRODUCT SPECIFICATIONS

Model Number (Full Model)	Output Current	Input Voltage	Output Voltage	Efficiency @full load	Current Accuracy	Power Factor	Dimension L*W*H (mm)
ID CCCB 38/230/500-900 DALI FV1	500-650mA	220-240Vac	6-52Vdc	86%	±5%	≥0.9	L97*W43*H30
	700-750mA		6-49Vdc	87%			
	800mA	198-250Vdc	6-46Vdc	87%			
	850mA	6-44Vdc	87%				
	900mA	6-42Vdc	88%				

SAFETY AND EMC COMPLIANCE

ENEC+ CE	EN61347-2-13:2014/A1:2017	CCC	GB17625.1-2012	SAA	AS/NZS IEC 61347.2.13.2013
	EN 61347-1:2015		GB/T17743-2017		AS/NZS 61347.1:2016
	EN 62384:2006/A1:2009		GB/19510.1-2009		
	EN 55015:2013/A1:2015		GB19510.14-2009		
	EN61000-3-2:2014				
	EN61000-3-3:2013				
	EN61547:2009				



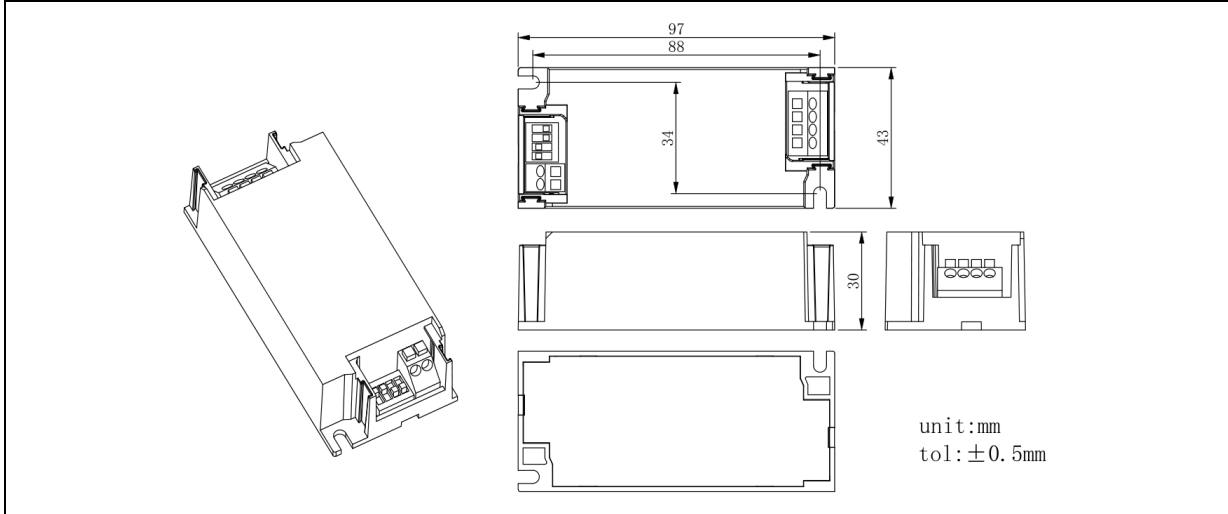
PHYSICAL DIMENSIONS	
Length (L):	97 mm
Width (W):	43 mm
Height (H):	30 mm

PACKAGING	
0.12 kg / unit	45 pcs / carton
Carton size:	303 x 225 x 120 mm
Carton weight:	5.5 kg

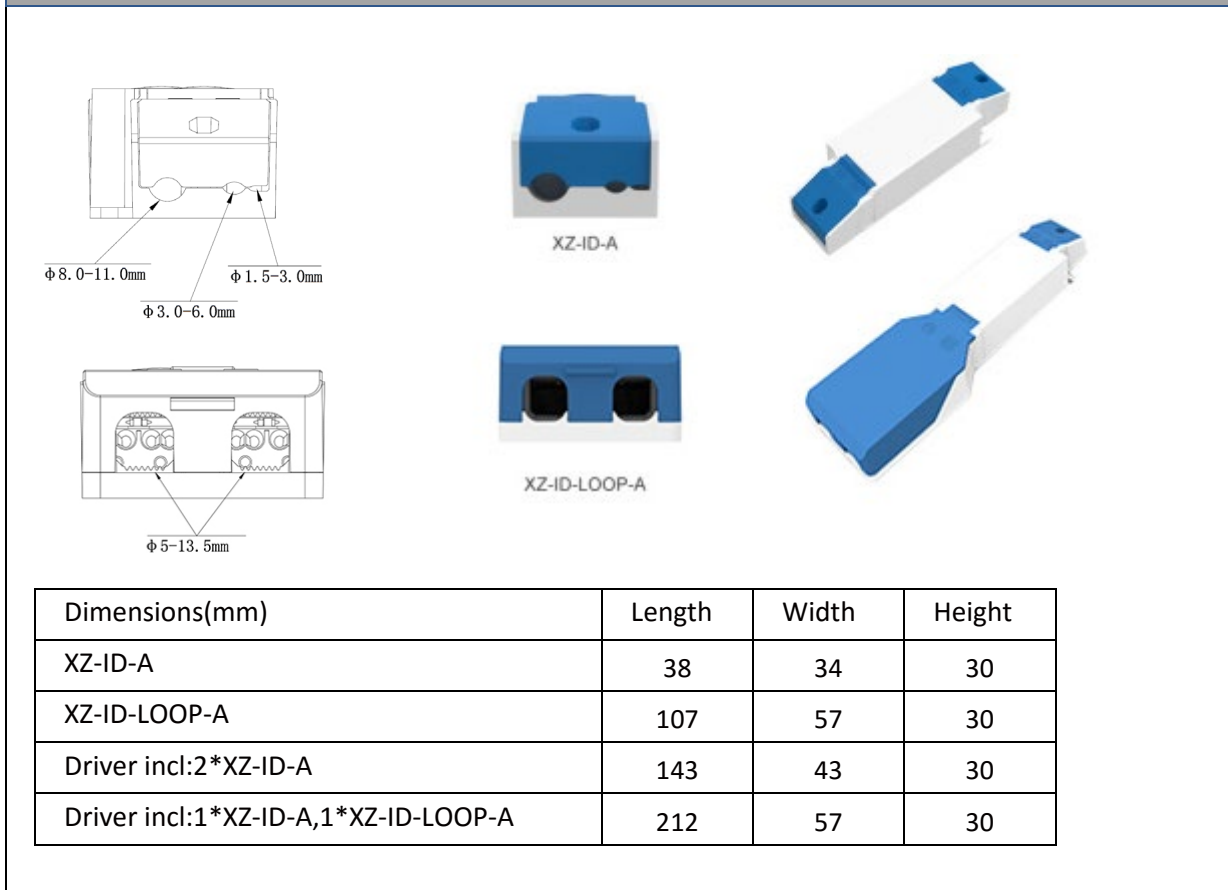
ADJUSTABLE OUTPUT CURRENT WITH DIP-SWITCH						
Vout	Pout	Iout	1	2	3	4
6-52Vdc	26.0W	500mA	-	-	-	-
6-52Vdc			-	-	-	ON
6-52Vdc			-	-	ON	-
6-52Vdc			-	-	ON	ON
6-52Vdc			-	ON	-	-
6-52Vdc			-	ON	-	ON
6-52Vdc			-	ON	ON	-
6-52Vdc			-	ON	ON	ON
6-52Vdc	28.6W	550mA	ON	-	-	-
6-52Vdc	31.2W	600mA	ON	-	-	ON
6-52Vdc	33.8W	650mA	ON	-	ON	-
6-49Vdc	34.3W	700mA	ON	-	ON	ON
6-49Vdc	36.8W	750mA	ON	ON	-	-
6-46Vdc	36.8W	800mA	ON	ON	-	ON
6-44Vdc	37.4W	850mA	ON	ON	ON	-
6-42Vdc	37.8W	900mA	ON	ON	ON	ON

"ON" Indicates that DIP switch is on, "-" Indicates that DIP switch is off

DIMENSIONS

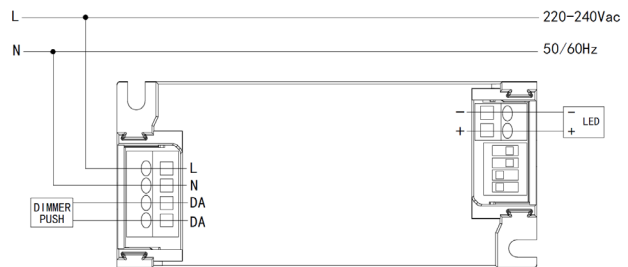


OPTIONAL ACCESSORIES

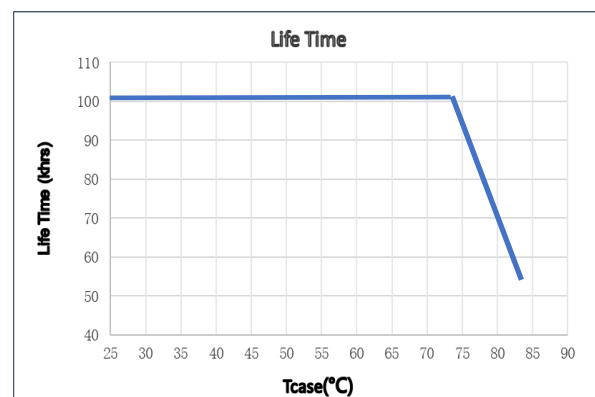
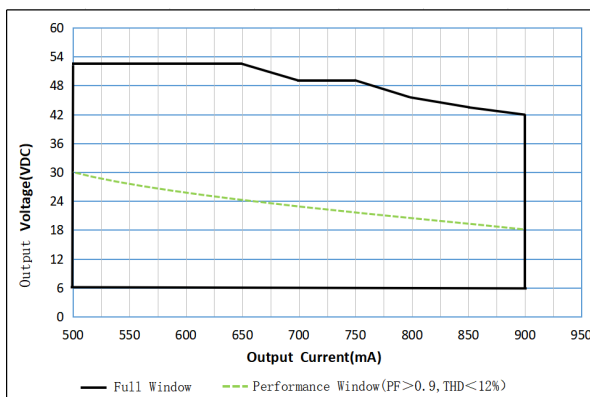
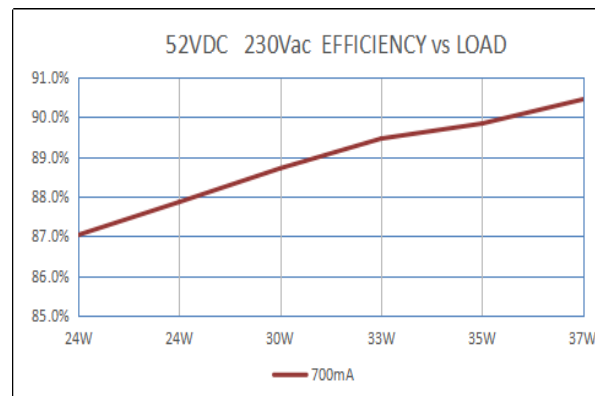
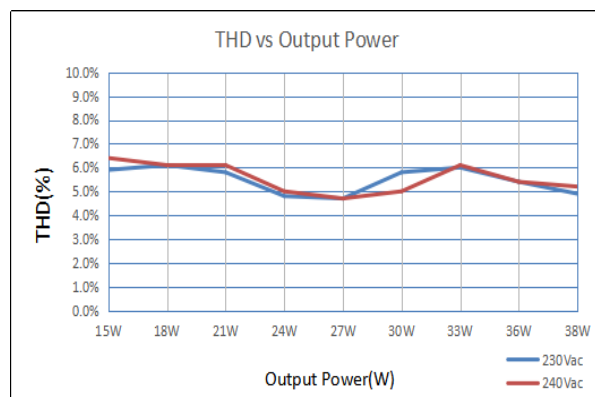
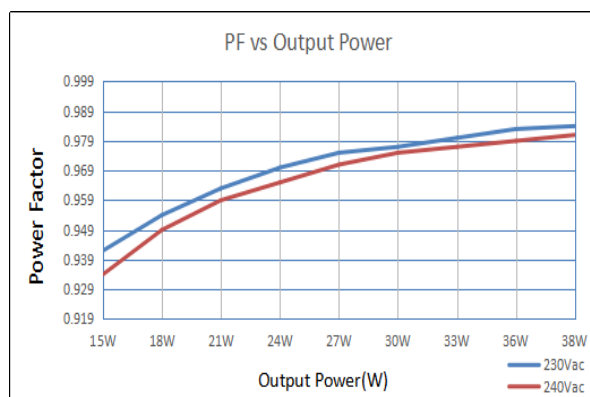


WIRING DIAGRAM

1. All connections must be as short as possible to ensure good EMI performance.
2. The lamp wire should keep a certain distance from the LED power supply and other wires (5-10 cm is preferred).
3. Incorrect wiring can damage LED.
4. The wire must be well protected against short circuit.



TECHNICAL INFORMATION



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