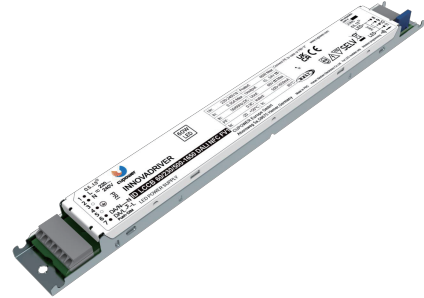


ID LCCB 50/230/350-1400 DALI NFC FV1

Built-in isolated adjustable power LED driver
Support DALI-2, Push Dimming
NFC control adjusts the current
Flicker free LED driver
Output current 350-1400mA
Max. output power 50W
Constant lumen output(CLO)
For luminaries of protection class I
5-year warranty



ELECTRICAL SPECIFICATIONS					
Rated input voltage range:	220 ... 240 Vac				
Max. input voltage range:	198 ... 264 Vac				
DC voltage range :	220 ... 240 Vdc				
Max. DC voltage range :	176 ... 276 Vdc				
Rated frequency range:	0 / 50 / 60 Hz				
Max. input current:	0.3A @ 230 Vac				
Total harmonic distortion (max.):	≤ 20 % at rated input voltage range @ full load				
MCB Loading Quantity:	Inrush current Ipeak: 6.1A		Inrush current Twidth: 44.us		
	MCB Type:	B10	C10	B16	C16
	Qty (PCS)	32	32	51	51
Output current tolerance:	± 5 % at rated input voltage range				
No load output voltage:	≤59Vdc				
Ripple output current:	≤ 5%				
Standby power consumption:	≤ 0.3W				
Output PST:	≤1 at full load @ rated input voltage				
Output SVM:	≤0.4 at full load @ rated input voltage				
Dimming:	Dimming mode:		DALI-2, Push Dimming		
	Dimming method:		amplitude dimming		
	Dimming current range:		1%~100%		
Set output current:	NFC control adjusts the current; 350-1400mA				
Default current:	1400mA				
Withstand voltage:	I/P-O/P:3.75KVac,<5mA 60S,I/P-DA:1.5KVac,<5mA 60S; I/P-FG:1.5KVac,<5mA 60S,O/P-DA:1.5KVac,<5mA 60S; O/P-FG:1.5KVac,<5mA 60S;DA-FG:1.5KVac,<5mA 60S				
Mains surge immunity:	L-N:1kV, L/N-FG:2kV				
Connection terminal type:	0° push in terminal				
Noise level:	<20dB,at full load @100cm distance				
Wire cross section:	Input and output wire: 0.5 - 1.5 mm ²				
Wire stripping length:	8-9mm				



Protection:	Over voltage protection:The output voltage is less than or equal to 59V
	Over power protection: The output power is less than or equal to 55W
	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:	<p>1.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.</p> <p>2.For Push-dim function:Please follow up our instruction which can be downloaded from https://pro6e7b4a-pic48.websiteonline.cn/upload/CupowerPushDimManualV7042022.pdf</p>
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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:	85°C

PRODUCT SPECIFICATIONS

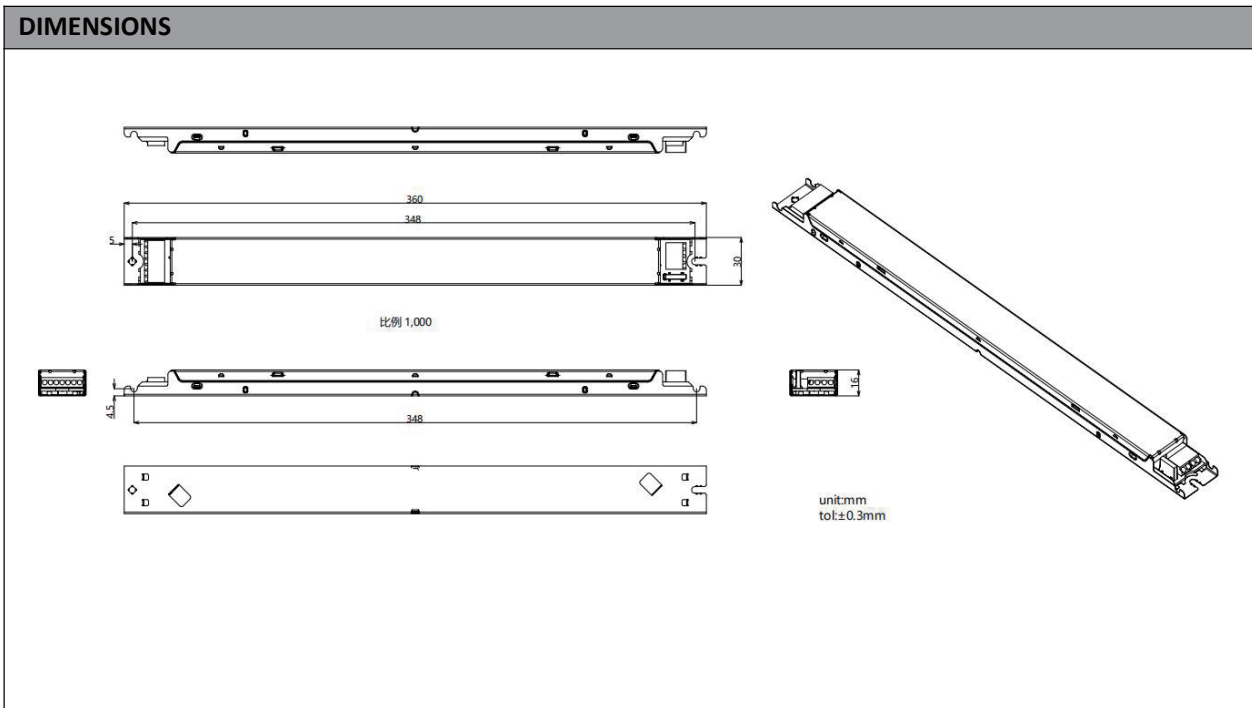
Model Number (Full Model)	Output Current	Input Voltage	Output Voltage	Efficiency @full load	Current Accuracy	Power Factor	Dimension L*W*H (mm)
ID LCCB 50/230/350-1400 DALI NFC FV1	350mA	220-240Vac 220-240Vdc	15-54Vdc	87%	±5%	≥0.9	278*30*16(mm)
	925mA		15-54Vdc	89.5%			
	1100mA		15-45.5Vdc	89%			
	1400mA		15-36Vdc	87.5%			

SAFETY AND EMC COMPLIANCE

ENEC+ CE	EN 61347-1:2015/A2021	CCC		SAA	
	EN 61347-2-13:2014/A1:2017				
	EN IEC 62384:2020				

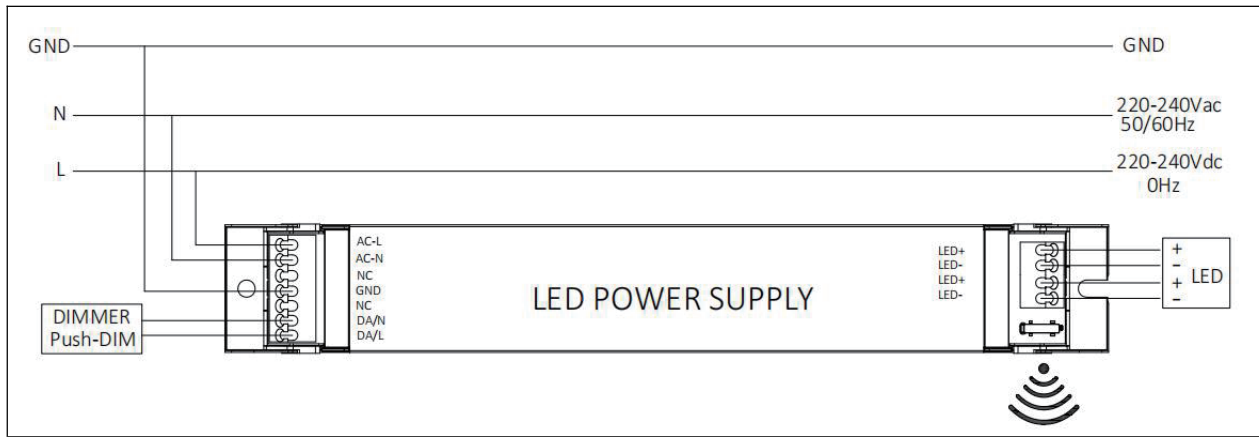
PHYSICAL DIMENSIONS	
Length (L):	278(mm)
Width (W):	30(mm)
Height (H):	16(mm)

PACKAGING	
0.180 kg / unit	50pcs / carton
Carton size:	312x293x154mm
Carton weight:	9.65 kg

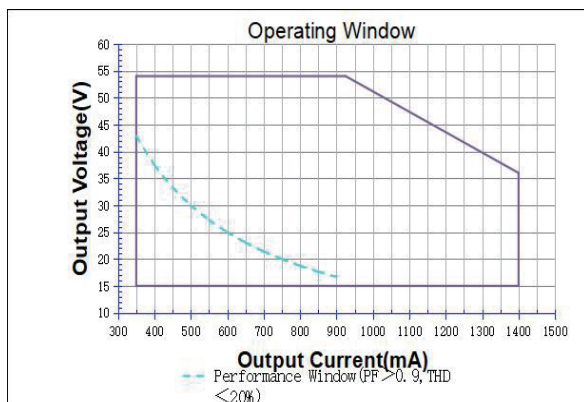
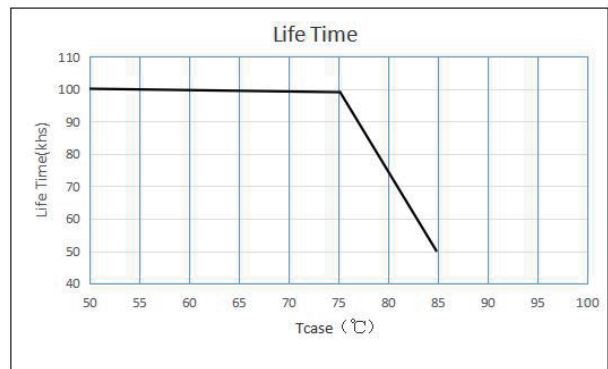
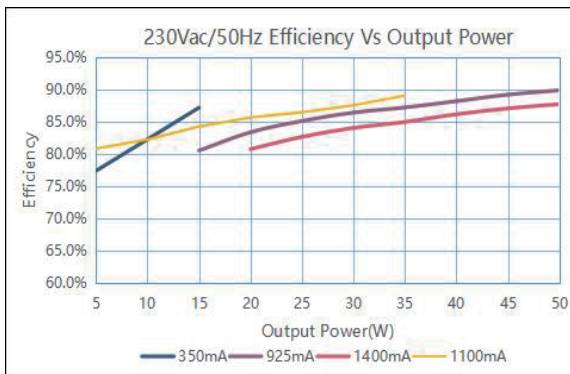
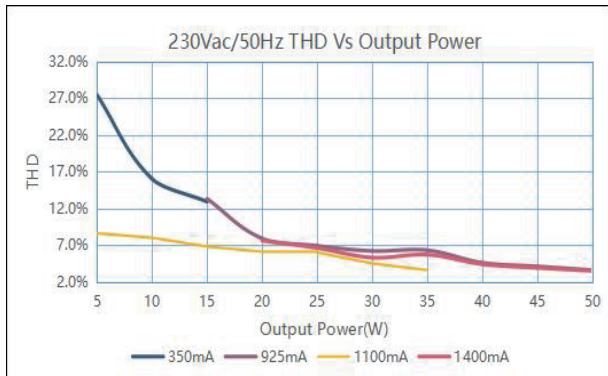
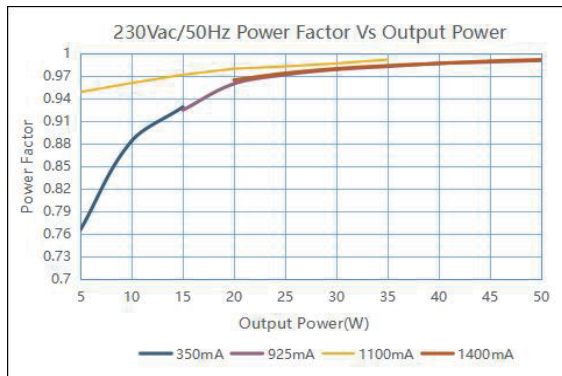


WIRING DIAGRAM

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. No secondary switches are allowed
4. Incorrect wiring can damage LED.
5. The wire must be well protected against short circuit.



TECHNICAL INFORMATION



It's important to set output current (AOC value) according to LEDs voltage, make sure the power is within 50W +5%

Example of AOC settings

V_LED (Vdc)	AOC_max	P_out (W)
54	350mA	19
54	925mA	50
45.5	1100mA	50
36	1400mA	50



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