

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				















Rated input voltage range: 198 264 Vac DC voltage range: 176 276 Vdc Rated frequency range: 0 / 50 / 60 Hz Max. input current: 0.3A @ 230 Vac Total harmonic distortion (max.): MCB Loading Quantity: MCB Type: MCB Type: NF Sy at rated input voltage range 157	FLECTRICAL CRECIFICATIONS						
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 Inrush current peak: 6.1A	ELECTRICAL SPECIFICATIONS						
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Wire cross section: Input and output wire: 0.5 - 1.5 mm ²	Connection terminal type:	0° push in terminal					
·	Noise level:	<20dB,at full load @100cm distance					
Wire stripping length: 8-9mm	Wire cross section:	Input and output wire: 0.5 - 1.5 mm ²					
	Wire stripping length:	8-9mm					



	Over voltage protection:The output voltage is less than or equal to 59V
Protection:	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:	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 signifi cant effect on radio interference. 2.For Push-dim function:Please follow up our instruction which can be downloaded from https://pro6e7b4a-pic48.websiteonline.cn/upload/CupowerPushDimManualV7042022.pdf

ENVIRONMENTAL SPECIFICATIONS					
Operating temperature:	-20 to 50℃				
Storage temperature:	-40 to 80℃				
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℃				

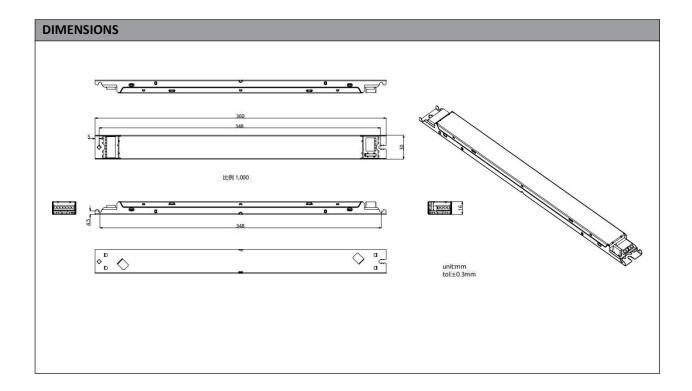
PRODUCT SPECIFICATIONS							
Model Number (Full Model)	Output Current	Input Voltage	Output Voltage	Efficienc y @full load	Current Accuracy	Power Factor	Dimension L*W*H (mm)
	350mA		15-54Vdc	87%			
ID LCCB 50/230/350-	925mA	220-240Vac	15-54Vdc	89.5%	±5%	≥0.9	278*30*16(mm)
1400 DALI NFC FV1	1100mA	220-240Vdc	15-45.5Vdc	89%	13%	≥0.9	276 30 10(111111)
	1400mA		15-36Vdc	87.5%			

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



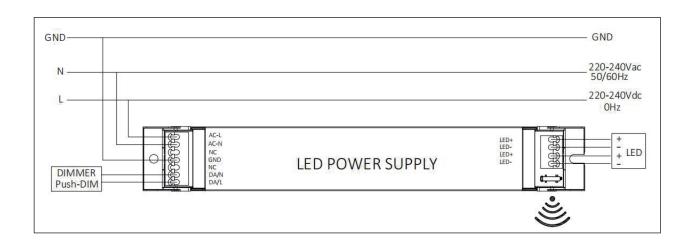
PHYSICAL DIMENSIONS			
Length (L):	278(mm)		
Width (W):	30(mm)		
Height (H):	16(mm)		

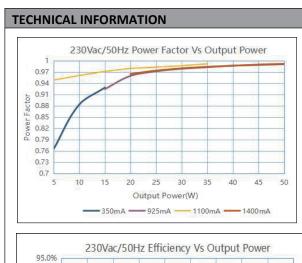
PACKAGING				
0.180 kg / unit	50pcs / carton			
Carton size:	312x293x154mm			
Carton weight:	9.65 kg			

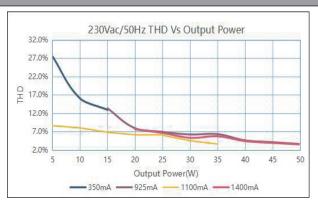


WIRING DIAGRAM

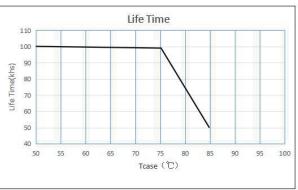
- 1. All connections must be as short as possible to ensure good EMI performance.
- 2. The lamp wire should keep a certain distance from the LED power supply and other wires (5-10 cm is preferred).
- 3. No secondary switches are allowed
- 4. Incorrect wiring can damage LED.
- 5. The wire must be well protected against short circuit.

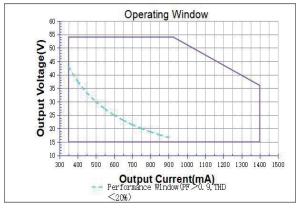












It's important to set output current (AOC value) according to LEDs voltage, make sure the power is within 50W + 5%

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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