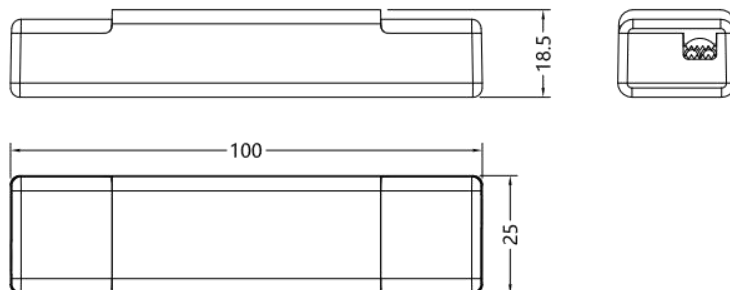


- Compact sized design for independent use
- Analogue flicker-free
- Dimmable constant current driver
- Dimming with trailing edge dimmer
- Smooth dimming compatible with most dimmer
- Dimming range 10...100%
- Configurable constant current output via dip-switch
- Push wire connections
- Protections: opencircuit, shortcircuit, overload, overtemperature
- DC input compatible (176-250V DC)
- SELV equivalent
- Suitable for class II luminaires
- Protection class II



CB CE UK CA

Bailey code	Nominal voltage (V)	Nominal current (A)	Power factor (λ)	THD Full load (%)	Max. output (W)	Output current (mA)	Output voltage (V)	No Load voltage (V)	Efficiency Full Load (%)
147282	220-240	0.06	0.90	25	5.0	120	27-42	55	75
					6.3	150	27-42	55	77
					7.5	180	27-42	55	78
					8.4	200	27-42	55	78

Input

Parameter	Condition	Min.	Typ.	Max.																				
Input Voltage Range	AC Input	198VAC	--	264VAC																				
	DC Input	176VDC	--	250VDC																				
Rated Input Frequency	AC Input	--	50/60Hz	--																				
No-load Power Consumption		--	--	N/A																				
Standby Power Consumption		--	--	N/A																				
Inrush Current	Cold Start@230V	5A/300us																						
Max.units Per Circuit Breaker																								
<table><tr><td>Circuit Breaker</td><td colspan="4">Circuit Breaker Current</td></tr><tr><td>Typ.</td><td>10A</td><td>13A</td><td>16A</td><td>20A</td></tr><tr><td>B</td><td>35</td><td>46</td><td>56</td><td>70</td></tr><tr><td>C</td><td>74</td><td>96</td><td>118</td><td>148</td></tr></table>					Circuit Breaker	Circuit Breaker Current				Typ.	10A	13A	16A	20A	B	35	46	56	70	C	74	96	118	148
Circuit Breaker	Circuit Breaker Current																							
Typ.	10A	13A	16A	20A																				
B	35	46	56	70																				
C	74	96	118	148																				

Output

Parameter	Condition	Min.	Typ.	Max.
Output Accuracy	Full Load@230V, 120mA	--	±10%	±12%
	Full Load@230V, 150mA&180mA	--	±8%	±10%
	Full Load@230V, 200mA	--	±5%	±8%

Ripple & Noise	Low Frequency < 120Hz, Full Load@230VAC	--	--	10%
Pst LM		--	--	1
SVM		--	--	0.4
Galvanic Isolation	SELV			
Short-Circuit Protection (SCP)	Re-power on to Recover If Fault Is Removed			
Over-Voltage Protection (OVP)	Re-power on to Recover If Fault Is Removed			
Over-Current Protection (OCP)	N/A			

General

Parameter	Condition	Value
Ambient Temperature Range t_a		-20...+45 °C
Maximum Case Temperature t_c	Measured on t_c point indicated of the product label	85 °C
Max.Case Temp.In Fault Condition		110 °C
Storage Temperature Range		-20...+70 °C
Relative Humidity	Non Condensing	5..85%
Withstand Voltage	I/P-O/P	3.75kVAC, I leakage < 5mA, 60s
Surge Transient Protection	L-N, L/N-PE	1kV, 2kV
Environmental Rating		Indoor
IP Rating		IP20
Mains Switching Cycles		> 100,000
Expected Lifetime	t_{cmax} =85 °C, 0.2%/1000h failure rate	50,000h

Dimming

Dimmable	Yes
Dimming control	Trailing edge
Dimming range	10-100%

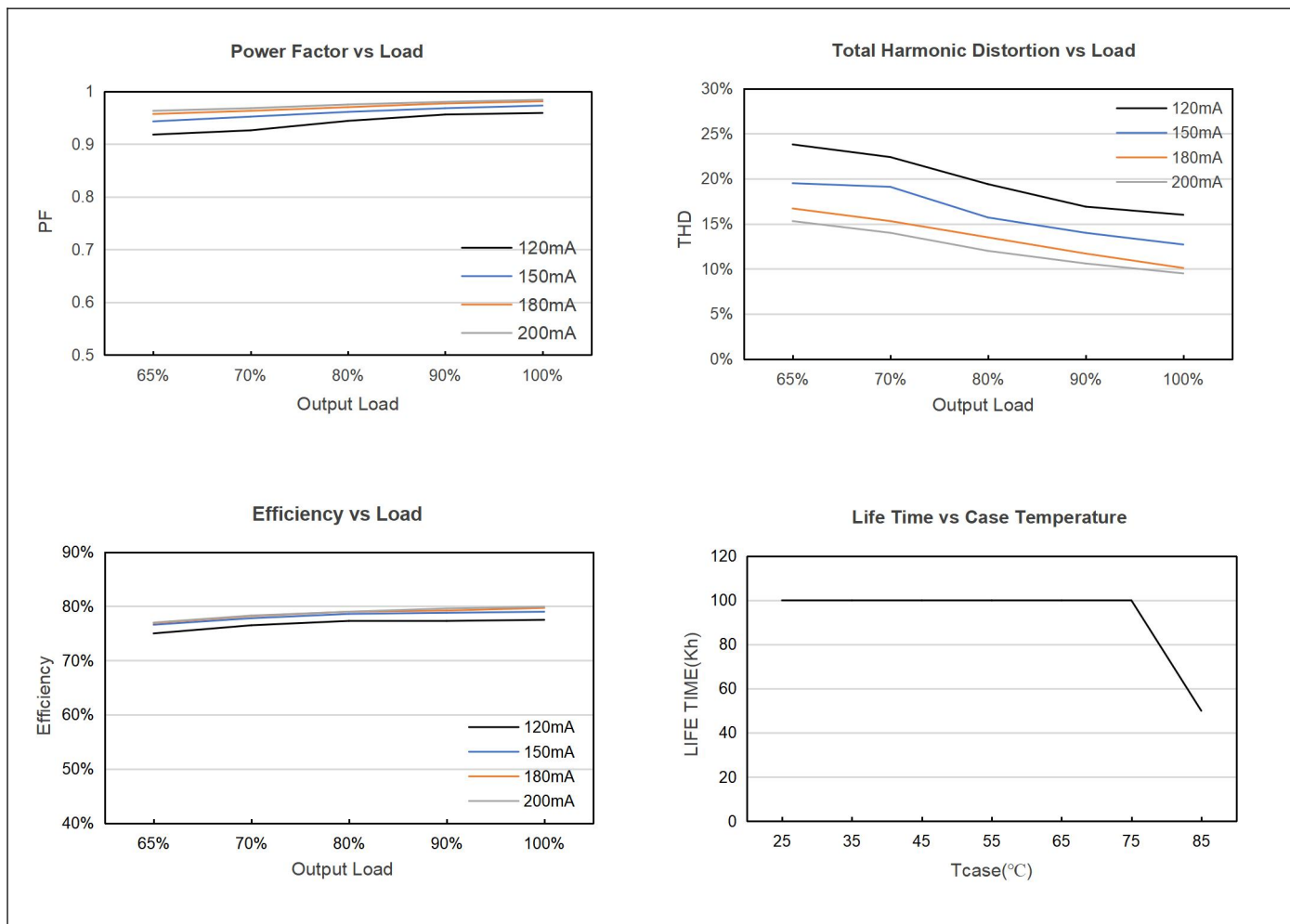
Physical

Housing Material	PC
Type of connection	Push terminal
Dimensions (LxWxH)	100x25x18.5mm
Mounting hole spacing	N/A
Weight	45 ± 5g

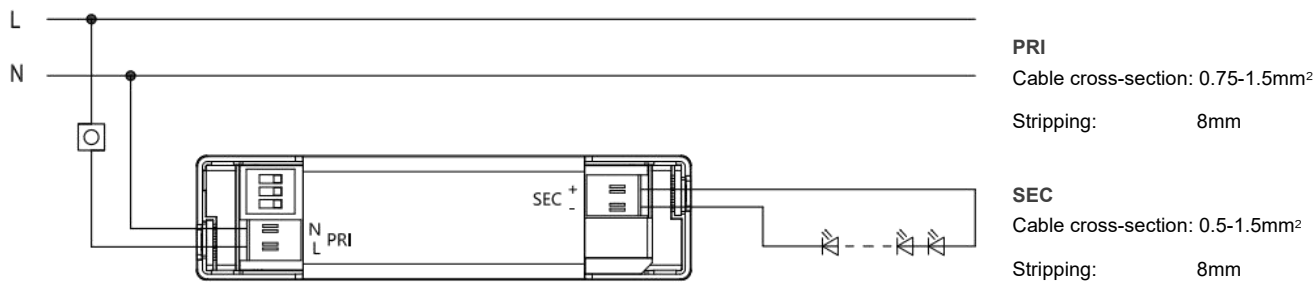
Standards

Safety Standards	EN 61347-1, EN 61347-2-13
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN 61547

*ALL parameters NOT specially mentioned are measured at 230VAC input, rated current and 25 °C of ambient temperature.



Wiring diagram



Hot plug-in or secondary switching of LEDs is not permitted and may cause a very high current to the LEDs.