

## Electronic Ballast for 54-58W X 2

## 220-240V



### Approval Marks



### Certified

EN 60929:2006+C11:2006  
EN 61347-1:2008+A1:2011  
EN 61347-2-3:2001+A1:2004+A2:2006

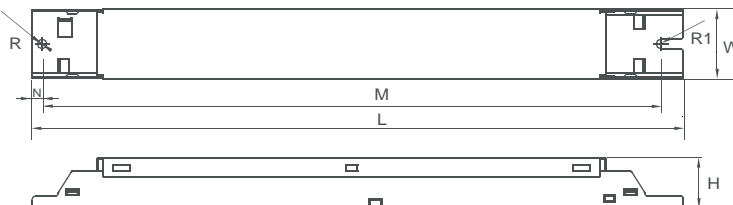
### Product Specification

Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		-	2	-	-
Lamp Power	25°C, Nominal Input	95	-	115.5	W
Input Power	EEL=A2 BAT Class (CELMA)	101	-	123	W
Rated Input Voltage	25°C	220	-	240	V
AC Input Voltage Range	25°C	198	-	264	V
DC Input Voltage Range	25°C	-	-	-	V
Input Frequency	25°C	-	50-60	-	Hz
Input Current	25°C, 50Hz, 230V	440	-	545	mA
Input Current	25°C, 60Hz, 277V/120V	-	-	-	mA
Power Factor(Full light output)	25°C, 50Hz, 230V	-	0.98	-	-
Power Factor(Full light output)	25°C, 60Hz, 277V/120V	-	-	-	-
Operating Frequency	25°C, Rated Input Voltage	40	-	-	KHz
Lamp Current Crest Factor	25°C, Rated Input Voltage	-	-	1.70	-
THD (Full light output)	25°C, 50Hz, 230V	-	-	10%	-
THD (Full light output)	25°C, 60Hz, ANSI C82.11/120V	-	-	-	-
Ballast Lumen Factor	25°C, Rated Input Voltage	-	1.00	-	-
Starting Time	25°C, Rated Input Voltage	-	1	-	S
Operating Ambient Temperature	25°C, Rated Input Voltage	-25	-	+60	degC
Max Allowed Case Temperature	25°C, Rated Input Voltage	-	-	+85	degC
Sink current (for 1-10V dimmable ballast)	25°C, Rated Input Voltage	-	-	-	mA
Dimming Range	25°C, Rated Input Voltage	-	-	-	-
Lamp Start At Dimming Position	25°C, Rated Input Voltage	-	-	-	-
Average Service Life(10% Failure Rate)	at 60 degC ambient	50,000	-	-	hours
Failure Rate Per 1000h Operation	at 60 degC ambient	-	-	0.20%	-
Power Consumption (No load)	25°C, Rated Input Voltage	-	-	-	W
Power Consumption (Stand-by)	25°C, Rated Input Voltage	-	-	-	W
Sound Rating	25°C, Rated Input Voltage	-	Class A	-	-
Remote Mounting	Lengths of applied Lamp	-	-	1 1/2x	-
End - Of - Life Protection			Yes		
Automatic Shutdown In Case Of Lamp Failure			Yes		
Automatic Restart After Lamp Replacement			Yes		
Power consumption measurement (for DALI dimmable ballast)			No		

**Lamp Type** 2 x T5 54W  
2 x T8 58W  
2 x PL-L 55W(50W)

**Application Site**  
Low Humidity, No Condensation

### Physical Parameter



L : 279 mm H : 21.4 mm R : 4.1 mm  
W : 30.2 mm M : 265 mm R1 : 2.05 mm  
N : 4.5 mm

Slot On One Side Allowing Alignment : M+/-3 mm  
Tolerance :  $\geq 0 - 100 \geq +/-0.5$  mm  
 $100 - \geq +/-1$  mm

Terminal Block : Push Button, Angled Entry  
Housing Material : Metal, No Sharp Edges  
Soldering : Lead - Free, Comply With RoHS  
Label : Surface Print

# Model : ESB254-58

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### Wiring Diagram

