

**Electronic Ballast for 54-58W X 2**

**120-277V**



**Approval Marks**



**Certified**

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

**Product Specification**

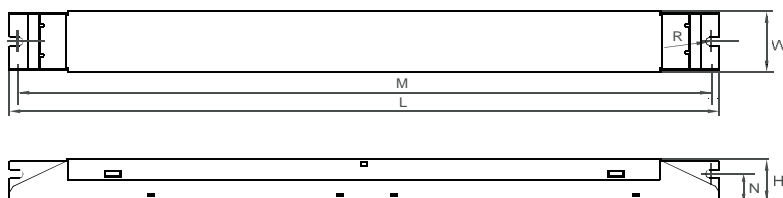
Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		-	2	-	-
Lamp Power	25 °C, Nominal Input	45.5x2	-	54x2	W
Input Power	EEI=A1 BAT Class (CELMA)	98	-	114	W
Rated Input Voltage	25 °C	120	230	277	V
AC Input Voltage Range	25 °C	108	-	305	V
DC Input Voltage Range	25 °C	160	-	300	V
Input Frequency	25 °C	0	50-60	-	Hz
Input Current	25 °C ,50Hz, 230V	440	-	510	mA
Input Current	25 °C ,60Hz, 277V/120V	420	-	950	mA
Power Factor(Full light output)	25 °C ,50Hz, 230V	0.95	-	-	-
Power Factor(Full light output)	25 °C ,60Hz, 277V/120V	0.90	-	0.98	-
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	-	-	23%	-
THD (Full light output)	25 °C ,60Hz, ANSI C82.11/120V	-	-	10%	-
Ballast Lumen Factor	25 °C, Rated Input Voltage	-	0.90	-	-
Starting Time	25 °C, Rated Input Voltage	-	1	-	S
Operating Ambient Temperature	25 °C, Rated Input Voltage	+10	-	+60	degC
Max Allowed Case Temperature	25 °C, Rated Input Voltage	-	-	+80	degC
Sink current (for 1-10V dimmable ballast)	25 °C, Rated Input Voltage	-	-	-	mA
Dimming Range	25 °C, Rated Input Voltage	1%	-	100%	-
Lamp Start At Dimming Position	25 °C, Rated Input Voltage	1%	-	100%	-
Average Service Life	at 60 degC ambient	60,000	-	-	hours
Failure Rate Per 1000h Operation	at 60 degC ambient	-	-	0.20%	-
Power Consumption (No load)	25 °C, Rated Input Voltage	-	-	0.3	W
Power Consumption (Stand-by)	25 °C, Rated Input Voltage	-	-	0.3	W
Sound Rating	25 °C, Rated Input Voltage	-	-	28	dB
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** T5 54W x2  
T8 58W x2  
TC-L 55W(50W) x2

**Application Site**

Low Humidity, No Condensation

**Physical Parameter**



L : 425 mm M : 415 mm H : 21.5 mm  
W : 30.4 mm N : 14.3 mm R : 2.1 mm  
Slot On One Side Allowing Alignment : M+/-3 mm  
Tolerance :  $\geq 0 \sim 100 \geq \pm 0.5$  mm  
 $100 \sim \geq \pm 1$  mm

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

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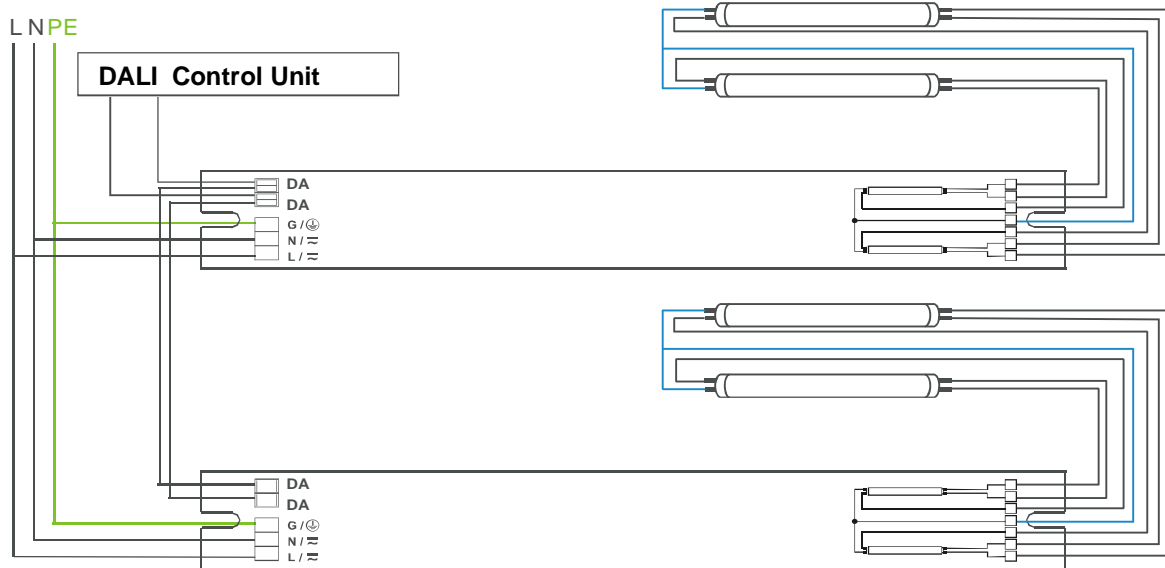


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**Wiring Diagram**

**Ballast to DALI bus**



**Touch Dim mode**

