



## TECHNICAL DATA SHEET : LED DRIVER CONSTANT CURRENT

Model No : HR0650MA080PLX2



### PRODUCT DESCRIPTION

- Fixed output build in LED Driver.
- Constant Current LED Driver.
- Output Current 650MA .
- Max Output Power 52W.
- Nominal Life-Time Upto 30,000 hr.
- 3-Year Warranty.
- High Voltage withstanding capacity 440V
- CE ( Certified ).
- IS 15885 (Part 2/Sec 13).
- IS 16104.
- IEC 60950-1.
- IEC 61000-4-5.



#### Input Characteristics

1	Voltage (Un)	240 Vac
2	Operating Voltage Range	100 ~300 Vac
3	Frequency (Hz)	50 / 60 Hz
4	Maximum Input Current	0.24A
5	Input Power (W)	60W

#### Output Characteristics

6	Power Factor (PF)	>= 0.98	Output short circuit protection and Restart	Yes
7	Inrush current Protection	Yes	Over Current Protection	Yes
8	Current Harmonics (Athd)	< 10%	Thermal Protection	Yes
9	Surge Withstanding Capacity	4 KV	No-Load Protection	Yes
10	Over Voltage Cutoff	320V (Tole : +/-10V)	Max Output Current	650MA (Tole : +/-3%)
11	Automatic Restart	300V	Output Voltage	50-80 V
12	Driver Life	>30000Hrs	Output Power (W)	52W max
			Efficiency	88%

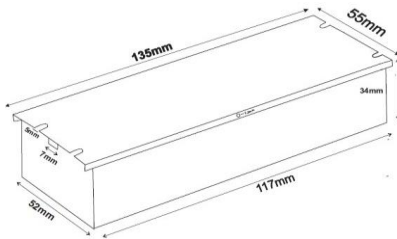
#### Environmental Operating Details

1	Minimum Starting Temperature	-30°C ... 75°C
2	Max. Ambient Temperature	-30°C ... to 50°C
3	Max. Case temperature (Tc)	75°C

#### Key Features

- Compact Design
- High Voltage withstanding capacity
- High Surge withstanding capacity
- Long Life
- High Durability
- Automatic Restart after Safe Voltage Mode.

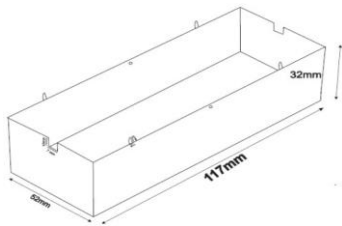
#### Metal Box



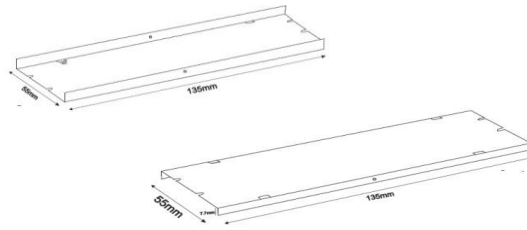
#### Mechanical Details

1) Weight	110gm
2) Case Dimensions	
Length W/Mount	135mm
Center to Center (CTC)	127mm
Width	55mm
Height	34mm
3) Case Material	Metal Box
4) Wiring Diagram	On Screen
5) Input / Output Terminals	NA
6) Wires Length	
Input (3 Core or single core- White(L,N) & Green-E)	300mm
Output ( Single Core Wire- Red(+),Black(-)	300mm
7) IP67/IP20	YES

#### Bottom



#### Top



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