

Solas 4-way direct driver. An AC/DC isolated power supply specifically designed for 20W flicker-free downlights and other lamps.



Description

Finish/Colour: Black

Input

Parameter	Condition	Unit	Min	Average	Max
Voltage	Continuous	V _{ac}	200	230	240
Frequency	V _m = 200 - 240 V _{ac}	Hz	50	50	50
Power factor	V _m = 200 - 240 V _{ac} 50/60 Hz V _o = 12 V I _o = 1.67 A		0.4		
Current	V _m = 200 V _{ac} / 60 Hz V _o = 12 V I _o = 1.67 A	mA	260		
Power	V _m = 200 - 240 V _{ac}	W	25		

Output

Parameter	Condition	Unit	Min	Average	Max
Voltage	V _m = 200 - 240 V _{ac} 12 V / 1.6 A	V _{dc}	11.4	12	12.6
Current	V _m = 200 - 240 V _{ac}	mA	1670	1670	1670
Voltage variation	V _m = 200 - 240 V _{ac}	%	-5%		+5%
Power	V _m = 200 - 240 V _{ac} I _o = 0 mA	W		< 0.3	
Efficiency*	V _o = 230 V 12 V / 1670 mA	%		84	

*Environmental temperature of 25° C

Item ID No.

4-Way Direct Driver - 20 W	Cat. No.
120 x 55 x 16 mm	BG-871.08.00.04

Safety

Parameter	Condition	Unit	Parameter value
Safety standard	Meet UL, TUV, GS certification requirement		

Environmental conditions

Operating temperature range: -20° C ~ +40° C

Storage temperature range: -20° C ~ +70° C

Operating humidity: 20 ~ 90%

Life cycle

MTBF: B10 ≥ 20,000 hr

Electrolytic capacitor: 30,000 hr

*Environmental temperature of 25° C

