ITM000646



5 YEAR

IP20

Key Features

- **Rated Power:** 200
- **Dimming Range (min / max):** 5 - 100%
- **Dimensions (mm):** 67mm x 31mm x 195mm

Mechanical Data			
Body Colour	White	Product Weight	60g

Electrical Data	
Constant Voltage / Constant Current	CV

Input Data			
Displacement Factor	0.95	Input Current	1.2A
Input Current Type	AC	Input Frequency	47 - 63
Input Terminal / Connector Type	Screw terminal	Input Voltage	200 - 240
Inrush Current	65A	Leakage Current	0.7mA
Power Factor	0.8A	THD	42%

Output Data

Control Data			
Control Input Resolution	16Bit	Control Signal Input	PWM
Control Signal Output	PWM	Default PWM Frequency	250Hz
Dimming Curve	Linear%	Dimming Greyscale	800
Dimming Range	5 - 100	Dimming Type	Non-Dimmable
Interface Type	uart		

Environment Data			
Application Environment	Domestic	Body Material	Plastic
Case Temperature Max · (tc)	90°C	Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior	Mounting Type	Surface Mounted

Protection Data			
Electrical Safety Class	II	Over Current Protection	yes
Over Current Protection Mode	Auto recovery	Over Voltage Protection	yes
Over Voltage Protection Mode	Auto recovery	Reverse Polarity Protection	yes
Short Circuit Protection	yes	Short Circuit Protection Mode	Hiccup

Efficiency Data			
Average Active Efficiency	92.5	Efficiency @ 10% Load	88.6
Efficiency @ 50% Load	93.3	Efficiency @ Full Load	92
No-Load Power Consumption	0.2W	Rated Life	30000 Hours
Standby Power Max ·	0.001 W	Standby Power Typ ·	0.0003
Startup Time	500 Secs		

Disclaimer

Ultra LEDs have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Ultra LEDs reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Ultra LEDs in accordance with applicable terms and conditions.