Syndeo by Tagra | 24V | 60W | Slimline Plug & Play LED Driver | IP20

SYNTHIN-24V-60W / ITM002902



Datasheet

Syndeo by Tagra | 24V | 60W | Slimline Plug & Play LED Driver | IP20



Dimming	IP Rating	Mode Out	Rated Power	Warranty
PWM	**IP20**	**CV**	**60W**	**5 Years**

SKU: SYNTHIN-24V-60W
ITM: ITM002902

Key Features:

- **Wattage:** 60W
- **Dimming Range (min / max):** 0 - 100%
- **Dimensions (mm):** 30mm x 18mm x 320mm
- **Dimensions (whl):** 30 x 18 x 320mm

Mechanical Data			
Body Colour:	White	**Product Weight:**	182g
Product Height:	18mm	**Product Length:**	320mm
Product Width:	30mm		

Electrical Data	
Constant Voltage / Constant Current:	CV

Input Data			
Input Cable Length:	100mm	**Input Cable Sheath Material:**	PVC
Input Cable Weight:	20AWG	**Input Current:**	0.45A
Input Current Type:	AC	**Input Frequency:**	47Hz - 63Hz
Input Terminal / Connector Type:	JST	**Input Voltage:**	90V - 264V
Inrush Current:	75A	**Leakage Current:**	0.75A

Input Data			
No of Input Terminals:	1	**Power Factor:**	0.97A
THD:	8%	**Input Cable Sheath Colour:**	White

Output Data			
Line Regulation:	1%	**Max Load:**	60W
Max Output Current Per Channel:	2.5A	**No of Output Terminals:**	3
Output Current:	2.5A	**Output Current Type:**	DC
Output Terminal/Connector Type:	Syndeo	**Output Voltage:**	24V
Output Voltage Ripple (PK-PK):	1%	**Output Voltage Tolerance:**	5%
Rated Output Current:	2.5A	**Rated Power:**	60W
Rise Time:	100mS		

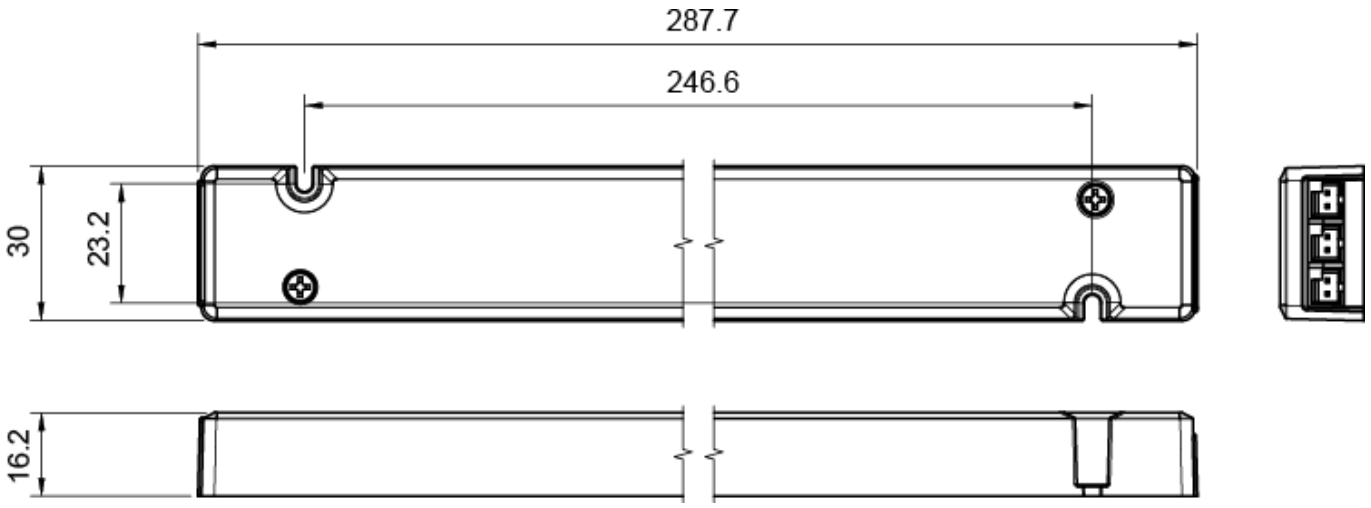
Control Data			
Dimmable:	No	**Dimming Range:**	0% - 100%
Dimming Type:	PWM		

Environmental Data			
Application Environment:	Interior	**Body Material:**	Plastic
Case Temperature Max (tc):	85°C	**Ingress Protection (IP):**	IP20
Interior or Exterior Use:	Interior	**Operating Temperature:**	-20°C - 45°C
Storage Humidity:	85%	**Storage Temperature:**	-40°C - 85°C
Working Humidity:	45%		

Protection Data			
Electrical Safety Class:	II	**Over Current Protection:**	Yes
Over Current Protection Mode:	Hiccup	**Over Temperature Protection:**	Yes
Over Temperature Protection Mode:	Auto recovery	**Over Voltage Protection:**	Yes
Over Voltage Protection Mode:	Auto recovery	**Reverse Polarity Protection:**	No
Short Circuit Protection:	Yes	**Short Circuit Protection Mode:**	Hiccup

Efficiency Data			
Average Active Efficiency:	88	**Efficiency @ 10% Load:**	69%
Efficiency @ 50% Load:	89%	**Efficiency @ Full Load:**	88%
No-Load Power Consumption:	0.5W	**Rated Life:**	30000 Hours
Standby Power Max :	0.5W	**Startup Time:**	0.5 Secs

Dimension Drawing



Packaging Data			
Power Cord Included:	Yes	**Packaging Height:**	70mm
Packaging Length:	340mm	**Packaging Width:**	70mm

Disclaimer

Tagra Lighting 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. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

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