Syndeo by Tagra | 24V | 80W | Plug & Play | LED Driver with UK Plug | IP20

SYN-24V-80WB / ITM000918



Datasheet

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Dimming	IP Rating	Mode Out	Rated Power	Warranty
PWM	IP20	CV	80W	5 Years

SKU: SYN-24V-80WB

ITM: ITM000918

Key Features:

- **Wattage:** 80W
- **Dimming Range (min / max):** 0 - 100%
- **Dimensions (mm):** 60mm x 16mm x 176mm
- **Dimensions (W x H x L):** 60 x 16 x 176mm

Mechanical Data			
Body Colour:	White	**Product Weight:**	185g
Dimensions (LxWxH):	176 x 60 x 16mm		

Electrical Data	
Constant Voltage / Constant Current:	CV

Input Data			
Displacement Factor:	0.95	**Input Current:**	0.4A
Input Current Type:	AC	**Input Frequency:**	50Hz - 60Hz
Input Terminal / Connector Type:	Syndeo	**Input Voltage:**	198V - 264V
Inrush Current:	55A	**Leakage Current:**	0.7A
No. of Input Terminals:	1	**Power Factor:**	0.95A
THD:	10%		

Output Data			
Line Regulation:	3%	**Max. Load:**	80W
Max. Output Current Per Channel:	3.33A	**Min. Load:**	0W
No. of Control Channels:	1	**No. of Output Terminals:**	6
Output Current:	0A - 2.5A	**Output Voltage:**	24V
Output Voltage Ripple (PK-PK):	180%	**Output Voltage Tolerance:**	5%
Rated Output Current:	3.33A	**Rated Power:**	80W
Rise Time:	20mS		

Control Data			
Detection Distance:	m;)	**Dimmable:**	yes
Dimming Range:	0% - 100%	**Dimming Type:**	PWM
Interface Type:	Terminal		

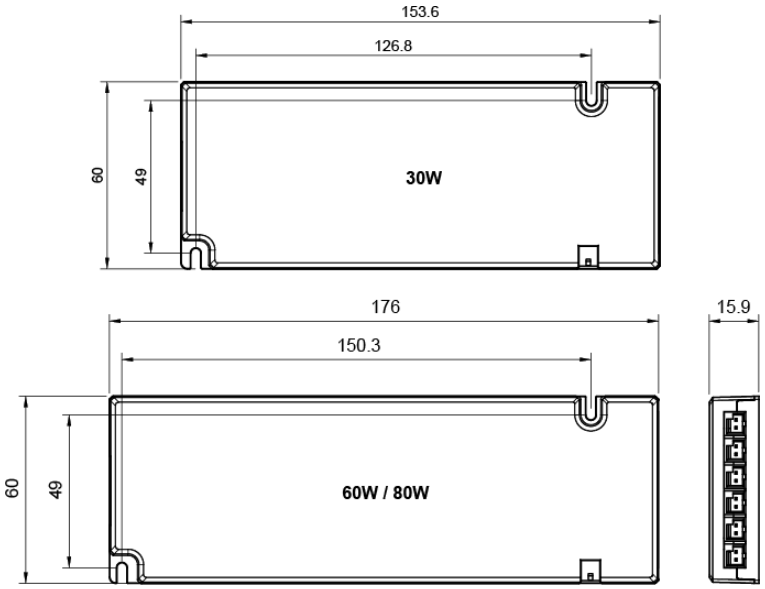
Environmental Data			
Application Environment:	Furniture, Cabinetry, Retail, Commercial	**Body Material:**	Plastic
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior

Protection Data			
Electrical Safety Class:	II	**Over Current Protection:**	yes
Over Voltage Protection:	yes	**Short Circuit Protection:**	yes
Short Circuit Protection Mode:	Hiccup		

Efficiency Data			
Average Active Efficiency:	92	**Efficiency @ 10% Load:**	90%
Efficiency @ 50% Load:	92%	**Efficiency @ Full Load:**	93%
No-Load Power Consumption:	0.5W	**Rated Life:**	50000 Hours

Efficiency Data			
Standby Power Max.:	0.5W	**Startup Time:**	0.5 Secs

Dimension Drawing



Packaging Data			
Power Cord Included:	yes	**Packaging Height:**	67mm
Packaging Length:	206mm	**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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