Tagra | 12V | 30W | Non-Dimmable | Slimline | Constant Voltage LED Driver | IP66

TAGTHIN12V30WIP66 / ITM018147

Datasheet

23-10-2026

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Dimming	IP Rating	Mode Out	Rated Power	Warranty
~~Non-~~ Dimmable	IP66	CV	30W	5 Years

SKU: TAGTHIN12V30WIP66
ITM: ITM018147

Key Features:

- **Wattage:** 30W
- **Dimensions (W x H x L):** 30 x 18 x 295mm

Mechanical Data

Body Colour:	White	**Product Weight:**	320g
Dimensions (LxWxH):	295 x 30 x 18mm		

Electrical Data

Constant Voltage / Constant Current:	CV

Input Data

Input Cable Core Colours:	Brown, Blue	**Input Cable Length:**	343mm
Input Cable Shape:	Round	**Input Cable Sheath Material:**	Rubber
Input Cable Weight:	26.5AWG	**Input Control Connector Type:**	Bare end
Input Current:	0.22A	**Input Current Type:**	AC
Input Frequency:	50Hz - 60Hz	**Input Terminal / Connector Type:**	Bare end

Input Data			
Input Voltage:	220V - 240V	**Inrush Current:**	60A
Leakage Current:	0.7A	**No. of Input Terminals:**	0
Power Factor:	0.9A	**THD:**	10%
Input Cable Sheath Colour:	Black		

Output Data			
Line Regulation:	1%	**Max. Load:**	30W
Max. Output Current Per Channel:	2.5A	**Min. Load:**	0W
No. of Control Channels:	1	**No. of Output Terminals:**	1
Output Cable Length:	343mm	**Output Cable Shape:**	Round
Output Cable Sheath Colour:	Black	**Output Cable Sheath Material:**	Rubber
Output Current:	0A - 2.5A	**Output Current Ripple (PK-PK):**	150%
Output Current Type:	DC	**Output Terminal/Connector Type:**	Bare end
Output Voltage:	12V	**Output Voltage Ripple (PK-PK):**	180%
Output Voltage Tolerance:	5%	**Rated Output Current:**	2.5A
Rated Power:	30W	**Rise Time:**	0.5mS
Output Cable Core Colours:	Black, Red		

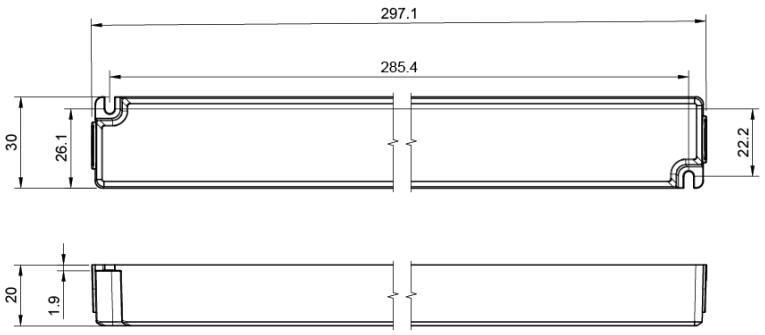
Control Data	
Dimming Type:	Non-Dimmable

Environmental Data			
Application Environment:	Signage, Retail	**Body Material:**	Plastic
Ingress Protection (IP):	IP66	**Interior or Exterior Use:**	Interior, Exterior
Mounting Type:	Surface Mounted	**Operating Temperature:**	-30°C - 70°C
Storage Humidity:	85%	**Storage Temperature:**	-40°C - 85°C
Working Humidity:	90%		

Protection Data			
Electrical Safety Class:	II	**Over Current Protection:**	Yes
Over Current Protection Mode:	Hiccup	**Over Temperature Protection:**	Yes
Over Temperature Protection Mode:	Shut down	**Over Voltage Protection:**	Yes
Over Voltage Protection Mode:	Shut down	**Short Circuit Protection:**	Yes
Short Circuit Protection Mode:	Hiccup		

Efficiency Data			
Average Active Efficiency:	86	**Efficiency @ 10% Load:**	63%
Efficiency @ 50% Load:	82%	**Efficiency @ Full Load:**	85%
No-Load Power Consumption:	0.5W	**Rated Life:**	50000 Hours
Standby Power Max.:	0.3W	**Standby Power Typ.:**	0.5W
Startup Time:	0.5 Secs		

Dimension Drawing



Packaging Data			
Packaging Height:	20mm	**Packaging Length:**	305mm
Packaging Width:	40mm	**Packaging Weight:**	350g

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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