Mean Well | HLG | 24V | 480W | Non-Dimmable | Constant Voltage LED Driver | IP65

HLG-480H-24A / ITM004334

Datasheet

24-08-2026

Mean Well | HLG | 24V | 480W | Non-Dimmable | Constant Voltage LED Driver | IP65

Dimming	IP Rating	Mode Out	Rated Power	Warranty
~~Non-~~ Dimmable	IP65	CV	480W	7 Years

SKU: HLG-480H-24A
ITM: ITM004334

Key Features:

- **Wattage:** 480W
- **Din Rail Compatible:** No
- **Dimensions (W x H x L):** 125 x 44 x 262mm

Mechanical Data			
Body Colour:	Silver	**DIN Rail Compatible:**	No
Product Weight:	730g	**Dimensions (LxWxH):**	262 x 125 x 44mm

Electrical Data	
Constant Voltage / Constant Current:	CV

Input Data			
Displacement Factor:	0.92	**Input Cable Core Colours:**	Blue, Brown, Yellow, Green
Input Cable Length:	235mm	**Input Cable Shape:**	Round
Input Cable Sheath Material:	Rubber	**Input Cable Weight:**	20AWG
Input Control Connector Type:	Bare end	**Input Current:**	0.48A
Input Current Type:	AC	**Input Frequency:**	47Hz - 63Hz

Input Data			
Input Terminal / Connector Type:	Screw terminal	**Input Voltage:**	90V - 305V
Inrush Current:	35A	**Leakage Current:**	0.75A
No. of Input Terminals:	1	**Power Factor:**	0.95A
THD:	10%	**Input Cable Sheath Colour:**	Black

Output Data			
Line Regulation:	1%	**Max. Load:**	40.32W
Max. Output Current Per Channel:	20A	**Min. Load:**	0W
No. of Output Terminals:	1	**Output Cable Length:**	235mm
Output Cable Shape:	Round	**Output Cable Sheath Colour:**	Black
Output Cable Sheath Material:	PVC	**Output Current:**	0A - 1.66A
Output Current Ripple (PK-PK):	150%	**Output Current Type:**	DC
Output Terminal/Connector Type:	Screw terminal	**Output Voltage:**	24V
Output Voltage Ripple (PK-PK):	0.625%	**Output Voltage Tolerance:**	5%
Rated Output Current:	0.84A	**Rated Power:**	480W
Rise Time:	80mS	**Output Cable Core Colours:**	White, Black

Control Data	
Dimming Type:	Non-Dimmable

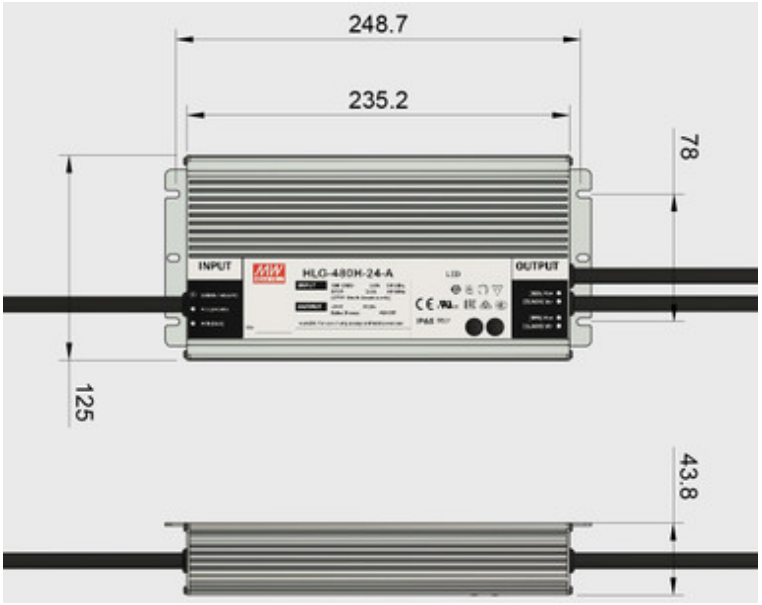
Environmental Data			
Application Environment:	Outdoor	**Body Material:**	Metal
Case Temperature Max. (tc):	80°C	**Ingress Protection (IP):**	IP65
Interior or Exterior Use:	Interior	**Mounting Type:**	Surface Mounted
Thermal Cutout Temperature:	85°C	**Operating Temperature:**	-40°C - 90°C

Environmental Data			
Storage Humidity:	85%	**Storage Temperature:**	-40°C - 85°C
Working Humidity:	85%		

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

Efficiency Data			
Average Active Efficiency:	87	**Efficiency @ 10% Load:**	76%
Efficiency @ 50% Load:	87%	**Efficiency @ Full Load:**	89%
No-Load Power Consumption:	0.5W	**Rated Life:**	50000 Hours
Standby Power Max.:	0.5W	**Standby Power Typ.:**	0.5W
Startup Time:	0.5 Secs		

Dimension Drawing



Packaging Data

Packaging Height:	44mm	**Packaging Length:**	262mm
Packaging Width:	125mm	**Packaging Weight:**	2800g

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.

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk