tagra®

LTECH | 24V | 150W | Constant Voltage | DALI DT8 RGB/RGBW Dimmable LED Driver | IP20

LM-150-24-G4K3 / ITM001456



Datasheet

LTECH | 24V | 150W | Constant Voltage | DALI DT8 RGB/RGBW Dimmable LED Driver | IP20



Dimming	IP Rating	Mode Out	Rated Power	Warranty
DALI-2 DT8, PUSH DIM	IP20	CV	150W	5 Years

SKU: LM-150-24-G4K3
ITM: ITM001456

Key Features:

- **Wattage:** 150W
- **Dimming Range (min / max):** 0 - 100%
- **Din Rail Compatible:** No
- **Dimensions (whl):** 43 x 30 x 352mm

Mechanical Data			
Body Colour:	White	**DIN Rail Compatible:**	No
Product Weight:	430g	**Product Height:**	30mm
Product Length:	352mm	**Product Width:**	43mm

Electrical Data	
Constant Voltage / Constant Current:	CV

Input Data			
Displacement Factor:	0.98	**Input Cable Core Colours:**	Black, Brown, Blue
Input Cable Length:	250mm	**Input Cable Shape:**	Round
Input Cable Sheath Material:	PVC	**Input Cable Weight:**	20AWG
Input Current:	0.75A	**Input Current Type:**	AC
Input Frequency:	50Hz - 60Hz	**Input Voltage:**	200V - 240V

Input Data			
Inrush Current:	45A	**Leakage Current:**	0.5A
No of Input Terminals:	1	**Power Factor:**	0.98A
THD:	6%	**Input Cable Sheath Colour:**	Black
Input Cross-Section of Conductors:	0.75		

Output Data			
Max Output Current Per Channel:	1.56A	**No of Control Channels:**	4
Output Current:	0A - 6.25A	**Output Current Type:**	DC
Output Voltage:	24V	**Output Voltage Tolerance:**	0.5%
Rated Output Current:	6.25A	**Rated Power:**	150W

Control Data			
Control Signal Input:	DALI-2, Push dim	**Default PWM Frequency:**	3600Hz
Dimmable:	Yes	**Dimming Range:**	0% - 100%
Dimming Type:	DALI-2 DT8, PUSH DIM	**DIP Switch:**	No
Recommended Frequency for PWM Dimming:	3600Hz		

Environmental Data			
Application Environment:	Dosmetic, hospitality, commerical	**Body Material:**	Plastic
Case Temperature Max (tc):	85°C	**Ingress Protection (IP):**	IP20
Interior or Exterior Use:	Interior	**Mounting Type:**	Surface Mounted
Operating Temperature:	-20°C - 50°C	**Storage Humidity:**	80%
Storage Temperature:	-40°C - 80°C	**Working Humidity:**	95%

Protection Data			
Electrical Safety Class:	II	**Over Current Protection:**	Yes
Over Current Protection Mode:	Auto recovery	**Over Temperature Protection:**	Yes
Over Temperature Protection Mode:	Shut down	**Over Voltage Protection:**	Yes
Over Voltage Protection Mode:	Auto recovery	**Reverse Polarity Protection:**	No

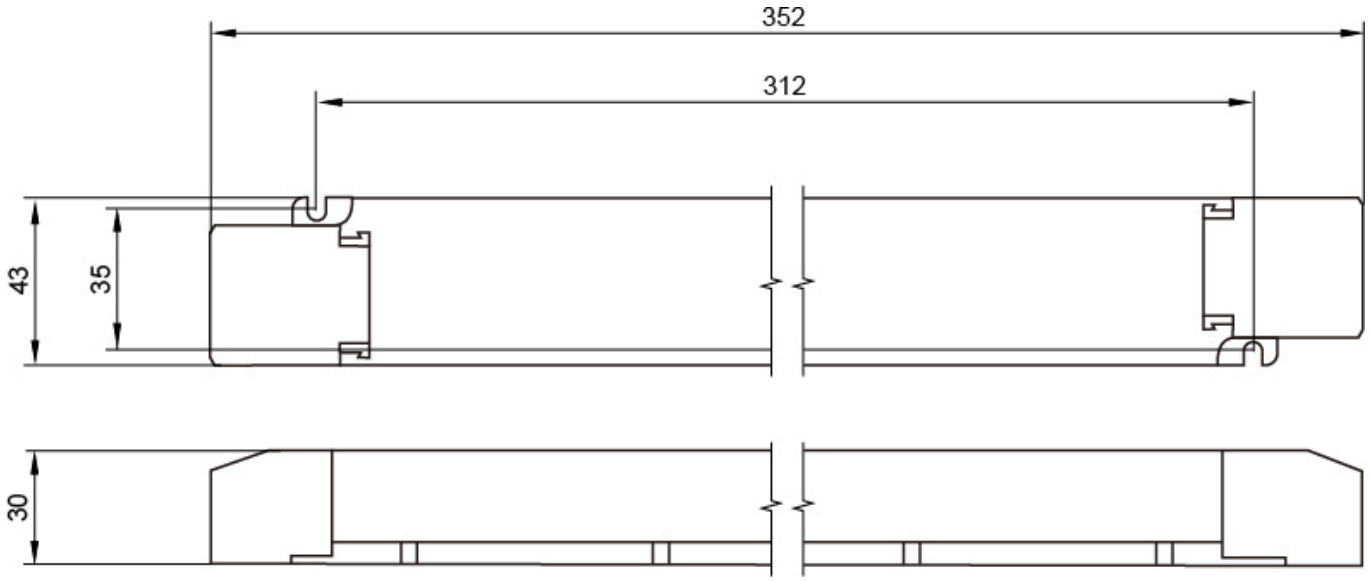
Protection Data

Short Circuit Protection:	Yes	**Short Circuit Protection Mode:**	Hiccup

Efficiency Data

Average Active Efficiency:	93	**Efficiency @ Full Load:**	93%
Rated Life:	50000 Hours	**Standby Power Max ：**	0.5W
Standby Power Typ ：	0.5W		

Dimension Drawing



Packaging Data

Power Cord Included:	No	**Packaging Height:**	40mm
Packaging Length:	360mm	**Packaging Width:**	50mm
Packaging Weight:	450g		

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

