

FLEXIGLOW

HYDRA I



Description

The Flexi Glow Hydra I Strip Light is an innovative lighting solution designed for versatility and performance. With luminous efficacy options up to 120 lm/W, this strip light delivers bright, efficient illumination for a range of applications. It boasts a long lifespan of 30,000 hours @L70, ensuring durability and reducing the need for frequent replacements. Its housing is made of a polyimide film electroplated double-sided housing, combining durability with a sleek appearance. Rated IP65, this strip light is ideal for various environments, including educational institutions, offices, conference rooms, hospitality settings, retail spaces, and residential areas. The Flexi Glow Hydra I offers flexible control options to suit your needs, including TRIAC, DALI, and 0-10V, providing customizable lighting solutions. With a 24 VDC input voltage, it integrates seamlessly into your existing setups. It comes with warranty up to 3 years, which enables the Flexi Glow Hydra I Strip Light to ensure reliable performance and peace of mind.

Product Benefits

Sleek & Modern Design
Energy Efficient
Customizable Lighting Options
Complies with International Standards
Long Lifespan with Branded Components
High Visual Comfort

Application Areas

Educational Institutions
Offices / Conference Rooms
Hospitality
Retail / Boutiques
Residential

Product Data

General Information

Driver Included:	No
Lifespan:	30,000 hours @ L70
Warranty:	Up to 3 Year

Luminaire Performance

Power Consumption:	9W 1 Line, 14W 2 line
Luminous Flux:	990 lm, 1,540 lm
Luminous Efficacy (rated):	110 lm/W, 120 lm/W
Correlated Color Temperature:	3000K, 4000K
LED/m:	120, 240
Color Rendering Index (CRI):	>90

Operating and Electrical

Input Voltage:	24 VDC
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Temperature

Operating Temperature:	-20°C – 45°C
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Controls and Dimming

Controls:	On/Off
Dimming:	TRIAC, DALI, 0-10V

Mechanical and Housing

Housing Material:	Polyimide Film Electroplated Double-sided 25µm and 50µm Copper Double-sided
Installation:	3M-200MP Tape

Dimensions

Power Consumption:	9W 1 Line	14W 2 line
LxWxH (mm):	1000x8x2	1000x12x2
Standard Coil (m):	10m (standard), 5m (optional)	

Accessories


Product Family:	Meanwell LRS-35-24
Power:	35W
Dimensions (mm):	99x82x30
PF:	0.5
Product Family:	Meanwell LRS-50-24
Power:	50W
Dimensions (mm):	99x82x30
PF:	0.5
Product Family:	Meanwell LRS-75-24
Power:	75W
Dimensions (mm):	99x97x30
PF:	0.5
Product Family:	Meanwell LRS-100-24
Power:	100W
Dimensions (mm):	129x97x30
PF:	0.5
Product Family:	Meanwell LRS-150-24
Power:	150W
Dimensions (mm):	159x97x30
PF:	0.5
Product Family:	Meanwell LRS-200-24
Power:	200W
Dimensions (mm):	215x115x30
PF:	0.5

Compliance and Certifications

Ingress Protection Code:	IP65
Impact Protection Code:	IK02
Protection Class IEC:	Safety Class III
Certifications:	CB



Product Family:	Meanwell RSP-75-24
Power:	75W
Dimensions (mm):	159x97x30
PF:	0.9



Product Family:	Meanwell RSP-100-24
Power:	100W
Dimensions (mm):	179x99x30
PF:	0.9



Product Family:	Meanwell RSP-150-24
Power:	150W
Dimensions (mm):	199x99x30
PF:	0.9



Product Family:	Meanwell RSP-200-24
Power:	200W
Dimensions (mm):	215x115x30
PF:	0.9



Product Family:	Profile Surface Corner
Dimensions (mm):	1000x18x18



Product Family:	Profile Surface
Dimensions (mm):	1000x15x10



Product Family:	Profile Surface Recessed
Dimensions (mm):	1000x15x10

Head Office:

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Sales Office:

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