



my Led Kit catalogue

Every part. Beautifully connected.



RGB COLOUR + DEDICATED WARM WHITE

30 mm

Puck diameter

8 in

Light spacing

0.96 W

Per light

One system. Every detail.

A complete guide to the lights, controls, aluminum track and installation accessories in our range.

01	The system & RGBW lights	03-06
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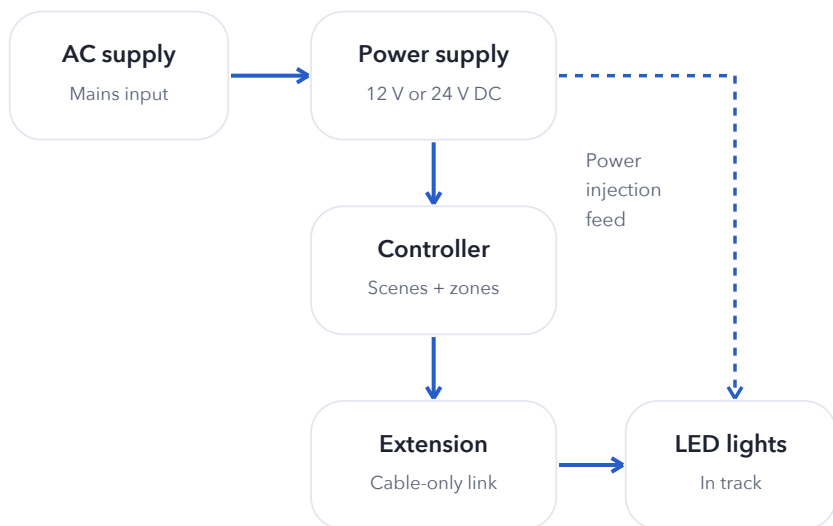
29

Products, with diagrams and practical specifications.
Select one system voltage: 12 V DC or 24 V DC.

The whole picture.

Follow power and control from the supply to the roofline.

SYSTEM OVERVIEW



14/2 WIRE + T CONNECTOR / INJECTION LIGHT

Finish the run. Aluminum track holds the pucks. Split loom protects cable bundles; screws and zip ties secure the installation.

Functional diagram, not a wiring pinout. Match voltage and connector compatibility. Injection feeds need suitable protection; follow the supplied installation instructions.

Colour. Warm white.



RGBW

Red, green, blue
+ dedicated warm white



30 mm

Compact puck diameter

cULus Certified

UL file E483482 / reference p. 29

Detail	Specification
Published power	0.96 W per light
Voltage options	12 V DC or 24 V DC
Light spacing	8 in / 203.2 mm
LED channels	RGB + dedicated warm white
Mounting	My LED Kit aluminum track

Three-LED manufacturer reference specifications appear on page 34. Exact warm-white CCT and the ordered LED package still require confirmation.

The right light pack.

The same 30 mm RGBW light, in three practical formats.



1-Strand LED Puck

1 light / 0.96 W

Finish a run or replace a single puck.

12 V or 24 V



5-Strand LED Puck

5 lights / 4.80 W

Build the main lighting run, five lights at a time.

12 V or 24 V



Power Injection Light

5 lights / 4.80 W

Adds a connection for a fresh power feed along the run.

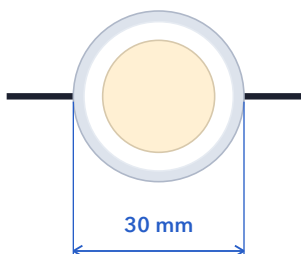
12 V or 24 V

Pack loads are calculated at 0.96 W per light. Match the ordered voltage across the system.

Precisely spaced. Simply planned.

Nominal dimensions. Reference diagrams are not to scale.

PUCK DIAMETER



30 mm

Approx. 1.18 in

Body and mounting-opening reference dimensions: p. 34. Confirm the supplied variant before drilling.

LIGHT-TO-LIGHT SPACING

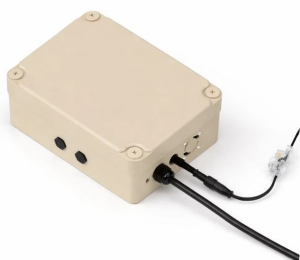


Five light centres span four intervals.
Connector tails add to the overall strand length.

8-inch spacing is treated as centre-to-centre for planning. Confirm supplied dimensions before drilling or fabrication.

Set the scene.

Choose the controller for your zones and app experience.



4-Channel Controller

4 independent outputs

A fully assembled control box for separate areas of the property. Select a 350, 450 or 600 W power-supply package in 12 V or 24 V.



Surplife Controller

Surplife app control

A compact controller option for lighting scenes and schedules through the Surplife app. Match the controller configuration to your lights and power supply.

Check controller output limits and the selected package contents when ordering. Power-supply ratings do not define a controller channel rating.

Size the power.

MEAN WELL LRS supplies are available in separately ordered 12 V and 24 V models.



LRS-350



LRS-450



LRS-600

Power injection: 12 V every 30 ft / 24 V every 50 ft

CALCULATED LIGHT LOAD

$$100 \text{ lights} \times 0.96 \text{ W} = 96 \text{ W}$$

Lights	Light load	At 12 V	At 24 V
25	24 W	2.00 A	1.00 A
50	48 W	4.00 A	2.00 A
100	96 W	8.00 A	4.00 A
150	144 W	12.00 A	6.00 A

Light loads exclude controllers and cable losses. Allow design headroom and apply the PSU derating curves. Check each cable, connector, fuse and controller output limit.

LRS-350

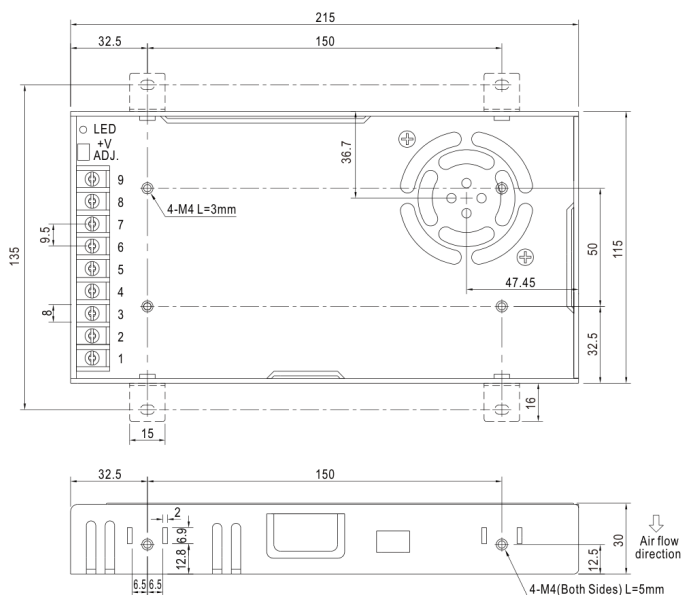
MEAN WELL / enclosed switching power supply

Model	Output	Current	Rated power
LRS-350-12	12 V	29 A	348 W
LRS-350-24	24 V	14.6 A	350.4 W

215 × 115 × 30 mm

Body size / length × width × height

UL Recognized Component / E183223 / see p. 30



Manufacturer mechanical drawing, dimensions in mm. Allow extra space for mounting tabs, terminals and airflow. Diagram is not to scale.

Source: MEAN WELL LRS-350 datasheet, pp. 2 & 4 / 2025-09-12

LRS-450

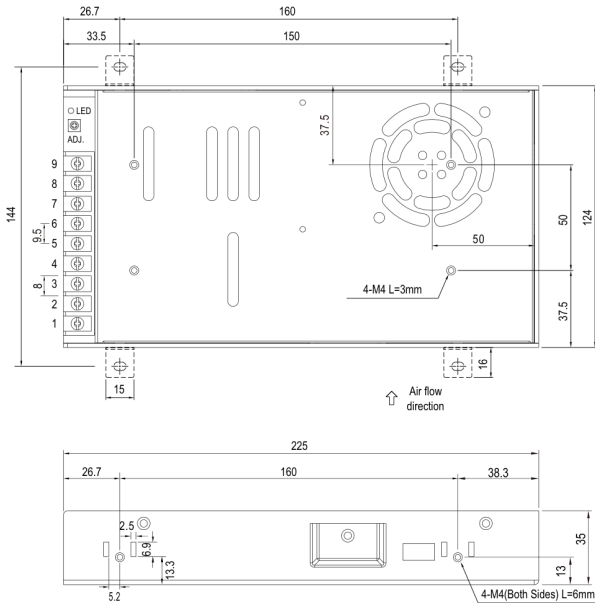
MEAN WELL / enclosed switching power supply

Model	Output	Current	Rated power
LRS-450-12	12 V	37.5 A	450 W
LRS-450-24	24 V	18.8 A	451.2 W

225 × 124 × 35 mm

Body size / length × width × height

UL Recognized Component / E183223 / see p. 30



Manufacturer mechanical drawing, dimensions in mm. Allow extra space for mounting tabs, terminals and airflow. Diagram is not to scale.

Source: MEAN WELL LRS-450 datasheet, pp. 2 & 4 / 2025-09-12

LRS-600

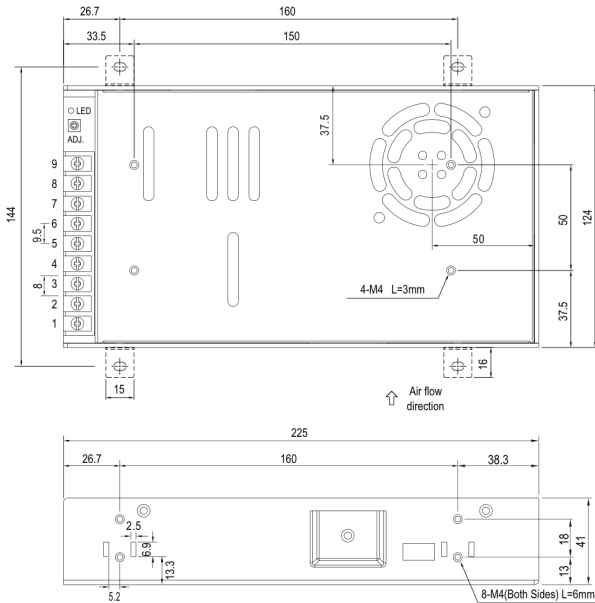
MEAN WELL / enclosed switching power supply

Model	Output	Current	Rated power
LRS-600-12	12 V	50 A	600 W
LRS-600-24	24 V	25 A	600 W

225 × 124 × 41 mm

Body size / length × width × height

UL Recognized Component / E183223 / see p. 30



Manufacturer mechanical drawing, dimensions in mm. Allow extra space for mounting tabs, terminals and airflow. Diagram is not to scale.

Source: MEAN WELL LRS-600 datasheet, pp. 2 & 4 / 2025-09-12

Made for your roofline.

Five aluminum profiles. Two market lengths. A finish that works with the architecture.



Standard hat

Everyday rooflines

Deep hat

2-inch or 3-inch profiles

Commercial

Commercial-weight channel

Two-piece

Separate base and cover

CANADA

7 ft

84 in

UNITED STATES

81 in

6.75 ft

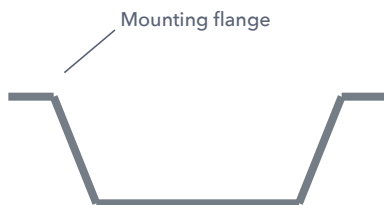
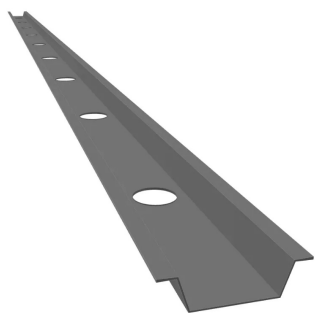
Lengths above apply to the My LED Kit market offering. Specify Canada or US when ordering track.

10 mounting holes per section are listed in the catalogue. Mounting holes and light apertures serve different purposes.

Standard Hat Track

An aluminum channel for a clean, continuous roofline.

PROFILE CONCEPT



Simplified diagram / not to scale

A low-profile, one-piece finish.

The hat-shaped channel provides a face for the lights and flanges for mounting. Match the profile and colour to the mounting surface.

CANADA

7 ft

84 in

UNITED STATES

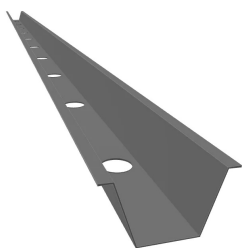
81 in

6.75 ft

Profile dimensions: page 32. Reference drawings describe formed-sheet segments; confirm the supplied cross-section and drilling before fabrication.

More profile depth.

Two deeper hat profiles for different mounting conditions.

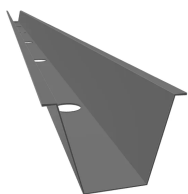


2" Deep Hat Track

2 in / 50.8 mm

Nominal product size.
Profile reference: p. 32.

2-inch hat-profile reference image.



3" Deep Hat Track

3 in / 76.2 mm

Nominal product size. Reference image only.
Selected drawing differs; see page 32.

CANADA

7 ft

84 in

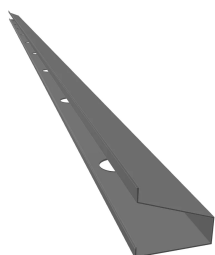
UNITED STATES

81 in

6.75 ft

A profile for the job.

Choose the construction that suits the installation.



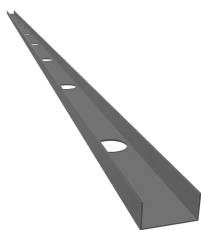
Commercial Track

Commercial-weight aluminum channel.
Back-Track profile shown.

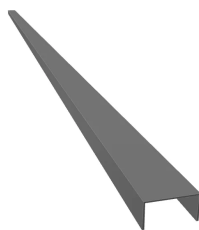
8-inch light spacing

2-Piece Track

8-inch light spacing



Outer piece / light channel



Inner piece / mounting base

CANADA

7 ft

84 in

UNITED STATES

81 in

6.75 ft

Detailed cross-section references: page 33.

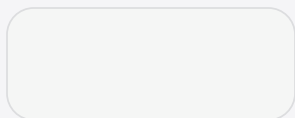
Find the finish.

Use a physical Colour Switch deck to match the aluminum track to the fascia and trim.

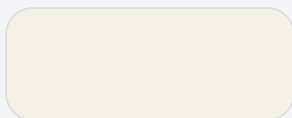
Colour Switch

Choose Wayne's or Royal when ordering.

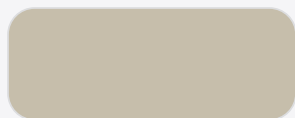
A FEW FINISHES FROM WAYNE'S



White



Linen



Wicker



Sand



Grey



Charcoal



Black



Forest Green



Heron Blue

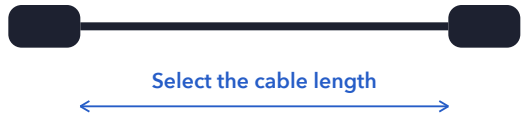
Printed and screen colours are approximate. Use the physical switch deck for final colour selection and confirm availability for the selected profile.

Bridge the gap.

Seven cable lengths for connecting lighting sections and routing between elevations.



CABLE-ONLY CONNECTION



Product	Length	Metric
1-Foot Extension	1 ft	0.305 m
3-Foot Extension	3 ft	0.914 m
5-Foot Extension	5 ft	1.524 m
10-Foot Extension	10 ft	3.048 m
15-Foot Extension	15 ft	4.572 m
20-Foot Extension	20 ft	6.096 m
25-Foot Extension	25 ft	7.620 m

Nominal cable lengths; diagram is not to scale. Route and measure the actual path, including service slack. Cable length alone does not determine the maximum supported run.

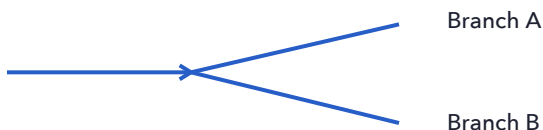
Branch. Inject.

Two connectors with different jobs in the system.



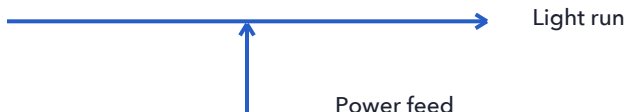
Y Connector

One input, two outputs.
Split a run into two branches.



T Connector

Inline power injection.
Bring a fresh feed into the run.
12 V: every 30 ft.
24 V: every 50 ft.



Functional diagrams only. A Y connector does not add an independent controller zone. Verify the supplied connector pinout before wiring.

Power along the run.

14/2 Power Injection Wire carries a separate low-voltage power feed to an injection point.



14/2

14 AWG / 2 conductors

500 ft roll

152.4 m / copper-clad

12 V SYSTEM

Every 30 ft

24 V SYSTEM

Every 50 ft

POWER INJECTION / TWO-CONDUCTOR FEED

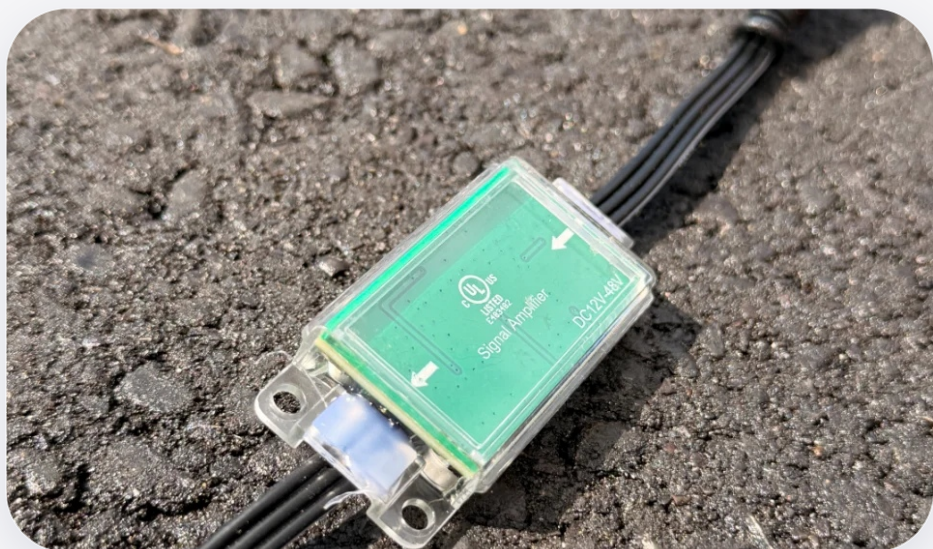


The two conductors carry power; control still needs data. Size and protect the feed for the load and cable length.

Copper-clad construction is listed in the store. Exact conductor composition, resistance, insulation ratings and allowable current require the supplied cable specification.

Keep the signal clear.

An inline Data Booster regenerates the control signal along the lighting run.



Controller

Data signal

Booster

Regenerates data

Lights

Continues run

Use for signal regeneration where the system requires it. A booster does not add power-supply capacity or replace a power-injection feed.

Maximum distance, protocol and connector ratings depend on the supplied model.

Small part. Neat work.

Quick Connect 500pk / three-port lever connectors.



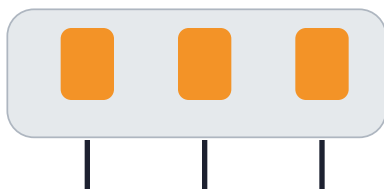
3

ports per connector

500

connectors per pack

LEVER-CONNECTOR REFERENCE



Lever operation
Individual wire entries
Compact connection

Check the actual connector markings for wire sizes, strip length and electrical ratings. Keep positive, negative and data circuits separately connected.

Reference illustration only. Manufacturer model and environmental rating are not confirmed in the product record.

Keep cables together.

Split Loom wraps around cable bundles for a tidy route and a protective outer sleeve.



1/2 in

Nominal diameter

50 ft

15.24 m roll

THE SPLIT OPENS AROUND THE BUNDLE



Reference illustration / not to scale

Available in white or black.

Match sleeve size to the cable bundle. Material, UV rating and temperature limits must be checked on the supplied product.

Finish the installation.

Mount the track and secure the cable routing.



Track Screws

9/16 in

Nominal length / approx. 14.3 mm

100 screws per box

Choose fasteners and mounting positions for the substrate.



Zip-Tie 8"

8 in

Nominal length / 203.2 mm

1,000 ties per pack

Bundle and support cables without crushing their insulation.

Tie tensile strength and UV rating are not published. Fastener length alone does not establish suitability for a mounting surface.

From roofline to list.

Start with the layout, then choose the supporting parts.

1

Choose the market

Canada: 7 ft track. US: 81 in / 6.75 ft track.

2

Count and space the lights

Use the actual roofline layout and 8-inch spacing.

3

Match the system voltage

12 V or 24 V lights, controller and power supply.

4

Plan the routes and branches

Select extension lengths, Y connectors and data boosters.

5

Plan power injection

12 V: every 30 ft. 24 V: every 50 ft.

Use injection lights, T connectors and 14/2 wire.

6

Finish the installation

Track profile, finish, screws, loom, ties and quick connects.

Track count starts with $\text{run length} \div \text{section length}$, rounded up. Allow separately for corners, offcuts and the actual light-hole layout.

The complete range.

All 29 catalogue products, at a glance.

PRODUCT	PAGE
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1-Strand LED Puck	05
Power Injection Light	05
4-Channel Controller	07
Surplife Controller	07
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Behind the details.

Product data checked against the current store catalogue and original manufacturer references.

My LED Kit product catalogue

[Open](#)

Range, pack sizes, market lengths, warm white and power-injection intervals confirmed by My LED Kit. Certification: pp. 28-31.

MEAN WELL LRS-350

[Open](#)

12 V / 24 V output ratings and mechanical drawing. Datasheet dated 2025-09-12, pages 2 and 4.

MEAN WELL LRS-450

[Open](#)

12 V / 24 V output ratings and mechanical drawing. Datasheet dated 2025-09-12, pages 2 and 4.

MEAN WELL LRS-600

[Open](#)

12 V / 24 V output ratings and mechanical drawing. Datasheet dated 2025-09-12, pages 2 and 4.

Track & LED technical references

Published profiles and three-LED family specifications: pp. 32-34. Exact ordered variants still require confirmation.

MEAN WELL installation instructions

[Open](#)

Enclosed LRS installation, cooling, clearances and derating.

My LED Kit warranty terms

[Open](#)

One-year limited warranty and claims process, summarized on p. 35. Terms effective August 25, 2026.

Reference date: September 19, 2026. Source links are clickable where shown. Technical reference values do not replace the exact supplied-product specification.

The details to keep.

Item	Quick specification
RGBW light	30 mm diameter / 8 in spacing
Light output channels	Red, green, blue + warm white
Light electrical	0.96 W / 12 V or 24 V DC
Power injection	12 V: every 30 ft / 24 V: every 50 ft
Canada track	7 ft / 84 in / 2,133.6 mm
US track	81 in / 6.75 ft / 2,057.4 mm
Extensions	1, 3, 5, 10, 15, 20 and 25 ft
Split loom	1/2 in / 50 ft roll
Injection wire	14/2 / 500 ft roll / copper-clad

Confirm before fabrication.

Track dimensions and LED family specifications appear on pages 32-34. Confirm the ordered variant, warm-white CCT, lumen output, CRI, beam angle and maximum total run length.

Use the supplied hardware labels and installation instructions for electrical limits and connection details. LRS power supplies require a suitable protected installation with ventilation.

This catalogue is a product and planning reference. Diagrams are not to scale unless stated.

Certification, clearly identified.

UL file references for the lights and MEAN WELL supplies in this catalogue.

LIGHTS / UL LISTING REFERENCE

E483482

United States: IFDR / Canada: IFDR7

MEAN WELL / RECOGNIZED COMPONENTS

E183223

United States: QQJQ2 / Canada: QQJQ8

Product certification records support identification of certified hardware. They do not serve as a site electrical inspection report or approval of every assembled system.

Use the supplied product markings and original records to confirm the applicable certification scope.

Light certification.

UL Product iQ confirms US and Canadian listing records for file E483482.

FILE NUMBER

E483482

Low-voltage lighting systems and related equipment

Market	UL document	Category
United States	IFDR.E483482	IFDR
Canada	IFDR7.E483482	IFDR7

[Open US listing](#)[Open Canadian listing](#)

Identification on the light. My LED Kit confirms that E483482 is printed on the LED itself. This is the UL file number; the covered model designations appear in the official listing records.

This is a My LED Kit reference summary, not a UL-issued certificate. The linked original records identify the legal certificate holder and covered models. Checked September 19, 2026.

Power-supply records.

The manufacturer-posted UL records cover these six separately ordered supply models.

E183223

UL Recognized Components
US: QQJQ2 / Canada: QQJQ8

Series	12 V model	24 V model
MEAN WELL LRS-350	LRS-350-12	LRS-350-24
MEAN WELL LRS-450	LRS-450-12	LRS-450-24
MEAN WELL LRS-600	LRS-600-12	LRS-600-24

Component recognition. The supply is evaluated as a component for integration into equipment. This does not, by itself, certify a completed controller enclosure or the installed lighting system.

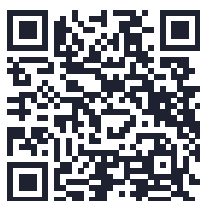
The series datasheets cite IEC/UL 62368-1 among their safety references. Follow the exact model ratings and the conditions for installation.

Attached record: last updated January 24, 2024; exported January 25, 2024. Retrieved from MEAN WELL on September 19, 2026. Consult UL for current status.

Open MEAN WELL E183223 UL records / original manufacturer PDF

The supporting file.

The complete 12-page MEAN WELL UL record is attached to both catalogue PDFs and included after the summaries in the separate certification pack.



MEAN WELL / E183223

Scan or click to open the original PDF.
US and Canadian component records.

Unaltered manufacturer document

Series	US pages	Canada pages
LRS-350	2, 6	11
LRS-450	2	8
LRS-600	3	9

Page references count from the start of the attached 12-page PDF. In a desktop PDF reader, open the Attachments panel to save the original file.

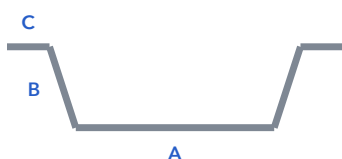
Other products. Certification records for the assembled controllers, connectors, wire, booster and cable accessories have not been verified here. No blanket electrical certification is assigned to the aluminum track or mounting hardware.

For the lights, E483482 is the file number marked on the product. The official US and Canadian record links are on page 29.

Hat-track dimensions.

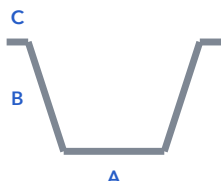
Published reference profiles. Dimensions below are formed-sheet segment lengths in inches, not finished overall width or depth.

Standard Hat Track



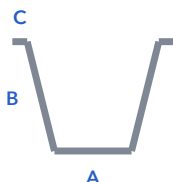
A Face	1 3/4 in
B Side leg	3/4 in
C Flange	3/8 in
Bend / flat width	72° / 4 in

2" Deep Hat Track



A Face	1 3/4 in
B Side leg	2 in
C Flange	3/8 in
Bend / flat width	72° / 6 1/2 in

3" Deep Hat / selected reference



A Face	1 5/8 in
B Side leg	2 3/8 in
C Flange	5/16 in
Bend / flat width	76° / 7 in

3-inch track: the selected drawing shows 2-3/8-inch side legs. It is a reference, not confirmation of the stocked 3-inch cross-section.

Diagrams are not to scale. 1 in = 25.4 mm. Confirm dimensions before fabrication.

Channel dimensions.

Published cross-section references in inches. Segment lengths follow the formed sheet. Diagrams are not to scale.

Commercial Track



Light face: 2 in

Back face: 2 1/8 in

Side return: 3/4 in

Lips: 3/8 in and 1/4 in

Bends: 70° / 90°; flat: 5 1/2 in

2-Piece / outer channel



Face: 1 1/2 in / legs: 3/4 in

Bends: 90° / flat: 3 in

Light-hole reference: 30 mm

2-Piece / inner channel



Face: 1 7/16 in / legs: 3/4 in

Bends: 90° / flat: 2 15/16 in

Unperforated reference

Sheet thickness: hats offer 0.019 in (0.483 mm) or 0.027 in (0.686 mm); commercial/outer channels list 0.019 in. Inner-piece gauge and mounting-fastener hole sizes remain unconfirmed.

My LED Kit lengths and spacing apply; reference sheets use different drilling.

Inside the light.

Manufacturer reference for the 30 mm, three-LED RGBW family. Published component data must be matched to the ordered variant.

3 LEDs

RGB + dedicated warm white
12 V or 24 V DC
0.96 W per module

Reference detail	Published specification
LED package / 12 V	3 × SMD5050
LED package / 24 V	3 × SMD5050 or SMD5054
Control IC	UCS2904
Module body	42 × 32 × 15.5 mm
Mounting opening	30 mm
Ingress rating	IP68 / module reference
Operating temperature	-40°C to +60°C / -40°F to +140°F

Still to confirm: the exact stocked LED package, warm-white colour temperature, lumen output, CRI and beam angle. A 3000 K option is published; it is not confirmed for the supplied stock.

Reference family data, not an exact SKU verification. The module rating does not establish a weather rating for controllers, power supplies or field-made connections.

Support after delivery.

1 year

from delivery

Original purchaser, direct purchases only.
Limited, non-transferable cover for
defects in materials and workmanship
under normal, intended use.

Coverage & remedy

My LED Kit chooses repair, replacement (new or refurbished), or refund of the price paid. Repaired or replacement products retain the original warranty end date. Product only: labour, diagnosis, removal, reinstallation and access costs are excluded.

Make a claim

Email Sales@myledkit.com during the warranty period and within **14 days of discovering the problem**. Include your order/invoice, affected items and quantities, installation date/location, photos or video proving the fault, and controller, power-supply, run-length, injection and installer details.

Returns & exclusions

Obtain written return authorization first. Ship prepaid within **15 days of authorization**; approved repair/replacement shipping back is covered. Exclusions include improper installation, power or injection faults, unauthorized alterations, non-supplied or incompatible parts, poor sealing, misuse and cosmetic changes. See the full terms for all exclusions and possible inspection/return charges.

Summary of terms effective August 25, 2026, sections 3-4. Full terms apply, subject to rights that applicable law does not allow to be excluded.

Full warranty terms: myledkit.com/terms



Light the everyday. Colour the occasion.

RGBW with dedicated warm white.
Every part for a complete lighting system.



My LED Kit

myledkit.com

Sales@myledkit.com