TYPES

136" SMART **UNDFRGI OW**

Multicolor **Vehicle Lighting**



Instruction Manual

PACKAGE CONTENTS

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Hardwire

20" LED

Strip

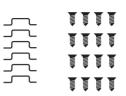
Cable

136" (2 x 20" & 4 x 24") LED Strips

with Smart Hub Controller

LED Strip

71" Cable



14 x 28 x Mounting Mounting Brackets Screws



Adhesive for Smart Hub

2 x Cable Ties

TECHNICAL SPECIFICATION

Replacement fuse:

Bluetooth distance:

Frequency band:

IP rating of LED strip:

Watt:

I FDs:

Working voltage: Maximum

DC 12V only

amperage draw:

186 x 5050 RGB

30ft (no obstacle) 2.4 GHz

INSTALLATION



INSTALLATION

Peel off the 3M[™] tape backer at the

Use the wire mounting brackets and

screws to secure the LED strips or

to drill pilot holes before driving

wires as shown below. You may want

apply to the desired area.

bottom of the light strips and carefully

completely.

in any screws.

- · Choose your desired location to install INSTALLING THE SMART HUB: the light strips (Refer to the left.)
- · For use with 12V power only · Clean the surface thoroughly with the alcohool pads provided and let it dry
 - . Choose your desired location for the Smart Hub.

POWER

- · Clean surface thoroughly with isopropyl alcohol. Dry completely.
- Peel off the 3M[™] tape backer at the bottom of the Smart Hub and carefully apply to the desired area.
- · For exterior installation, we recommend to use 12V Hardwire installation.
- Smart Hub hardwire cables are color. coded. RED for POSITIVE (+) and BLACK for NEGATIVE (-).
- Connect the RED cable to the POSITIVE (+) battery clamp as illustrated. The POSITIVE battery post will be slightly larger than the NEGATIVE post, and will be marked with a PLUS (+) sign. There may also be a RED protective cover over the positive battery post.
- Connect the BI ACK cable to the NEGATIVE (-) battery clamp as illustrated. The NEGATIVE will be marked with a MINUS (-) sign. There may also be a **BLACK** plastic protective cover over the

negative battery post.



NOTE: After connecting the Smart Hub to the car battery, the LED power indicator will flash Blue. If the LED power indicator does not flash once connected, please recheck your power connections

The Smart HUB has built-in voltage protection to prevent car battery drain in case the lights are accidentally left on. The lights will automatically turn off and the HUB will be on standby mode when the voltage drops to approximately 12V. Once on standby mode, if the car battery is producing below 12V, do not turn on the LED lights until your next engine start or when power is back to 12V or above.

WARNING: DO NOT mix up the cables or allow the metal ends to touch together because this may damage the battery, charging system and/or electronics on a vehicle. When installing please make sure your engine is not running.



· Install the Smart Lighting APP on your device. Search for the APP through the APP Store or Google Play under: TYPE S LED · Or scan the QR code below to find the

> compatible APP for iOS or Android. GET IT ON Google Play



Scan to download AF

Compatible with iPhone 4s &

higher, iPad3, iPad Mini, iPad Ai

& higher, and iPod touch 5th

Generation & higher

Requires iOS 7.0 or higher

your Plug & Glow™

experience.

APP INSTALLATION



Scan to download AP

Compatible with phones with Android™ 4.3 or higher

Note: not all Android™ phones

v5.2 required for this application







USING THE APP

Home Page



Tap "Smart Exterior Kit" Icon to start APP will automatically pair to the Hub when both are powered on (including Bluetooth) and within 30ft

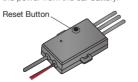


A Master On/Off Switch

Password:

You can set up a password to prevent other devices from controlling your lights. Once you have entered your password, it will be saved in the APP and the Smart Hub Controller.

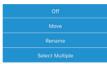
NOTE: To set or change the password, your device must be connected to the Smart Hub and simply follow on-screen instructions. Changing the password without connecting to the Smart Hub may cause an invalid password the next time your App and Smart Hub are activated. If you forget your password, simply reset by pressing the Smart Hub Controller reset button for 3 seconds or disconnect the power from the car battery.



C LED Zone Functions:

1 Connect and control up to four separate sets of 72" Smart LED Front Grill Kit.

Zone On/Off: Press each zone icon to turn LED On or Off



Move Zone Icon:

Press and hold zone icon, select "Move" to position each zone icon at vour desired location.

Rename Zone Icon:

Press and hold zone icon, select "Rename" to rename each icon (Note: Maximum 4 characters).

Select Multiple:

You can select and control multiple zones at once. Press and hold zone icon, select "Select Multiple" then select your desired zones by pressing "Confirm". To ungroup your selection, press and hold zone icon and select "Ungroup".

Save Preset:

You can save your favorite settings. After creating your setting, press "Save Preset" and enter your preset name. You can save up to 10 preset settings.

Select Preset:

You can select your previously saved preset setting, press "Select Preset" and choose your saved setting.

Delete Saved Preset Setting:

To delete a saved preset setting, press "Select Preset" and press and hold the preset setting that you wish to delete. Press "Yes" to delete.

Select Color:

Choose from up to 49 different colors. Press "Select Color". select your desired color and press "Confirm".

LED Mode:

Choose up to 22 different modes including Preset color themes

Brightness: Slide bar to adjust brightness setting.

G Speed:

Slide bar to adjust the speed of the movement from each LED Mode

WARNING

Important Safety Instructions:

- 1. SAVE THESE INSTRUCTIONS- This manual contains important safety and operating instructions for LFD kit Model LM58277
- 2. Before using this LFD kit, read all instructions and cautionary markings.
- 3. Do not expose LED kit to rain, moisture, or snow.
- 4. Use of an attachment not recommended or sold by the LFD kit manufacturer may result in a risk of fire. electric shock, or injury to persons.
- 5. To reduce risk of damage to cigarette lighter connector and cord, pull by cigarette lighter connector rather than cord when disconnecting I FD kit
- 6. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- 7. Do not operate with damaged cord or cigarette lighter connector - replace it immediately.
- 8. Do not operate LFD kit if it has received a sharp blow, been dropped, or otherwise damaged in any way: take it to a qualified serviceperson.
- 9. Do not disassemble LED kit: take it to a qualified serviceperson when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- 10. To reduce risk of electric shock, unplug charger before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

▲ WARNING: This product can expose you to chemicals including DEHP and DINP, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

WARNING

FCC Compliance Statement:

This device comply with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received. including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the ECC Bules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be

determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Recrient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The device has been evaluated to meet general RF exposure requirement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment CAN ICES-3 (B)/NMB-3(B)

? Have a comment or question? Email us at: info@tynesauto.com or visit us online at: www.tvnesauto.com

136" Smart Underglow Multicolor Vehicle Lighting I M58277 Responsible Party: TYPE S 2975 Red Hill Ave Ste 100 Costa Mesa, CA 92626, LLS A Tel: 1.866.294.9244

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A Horizon Brands Company 2975 Red Hill Ave., Ste. 100. Costa Mesa, CA 92626, U.S.A. 1.866.294.9244 | info@typesauto.com © 2021 TYPE S. All rights reserved. www.tvpesauto.com

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