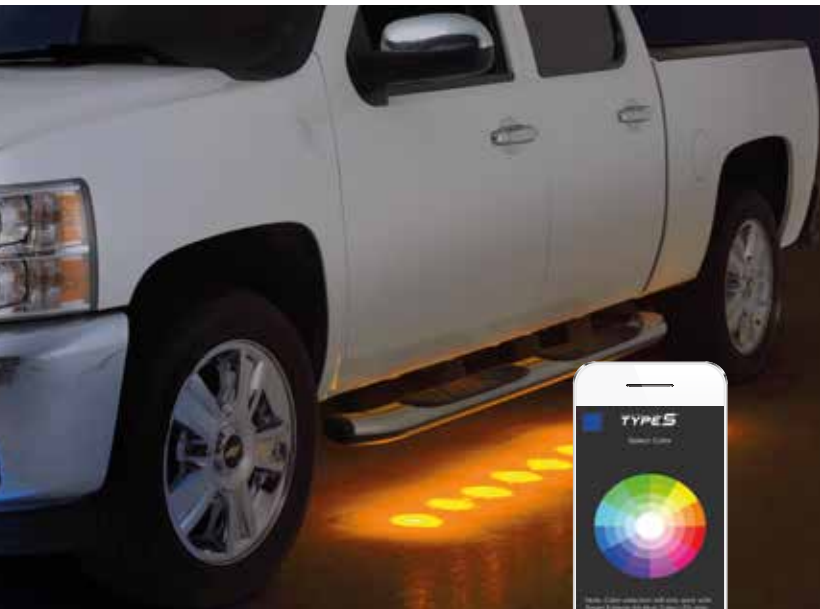


TOURING ITEMS
TYPES

Plug & Glow™

Automotive

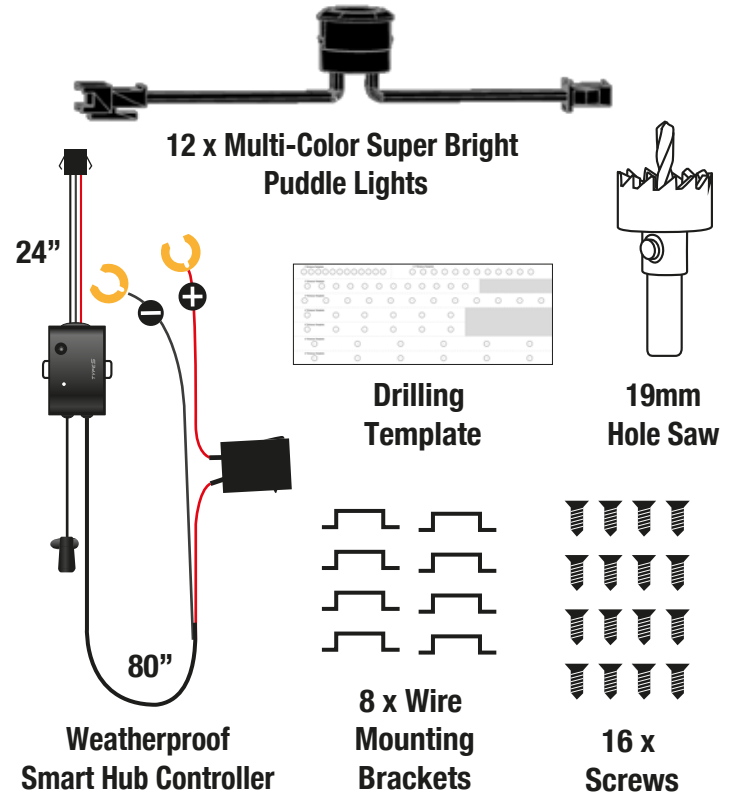
12PC Smart Exterior Puddle Light Kit



Smart LED Puddle Light kit
can also function as
undercar light

Instruction Manual

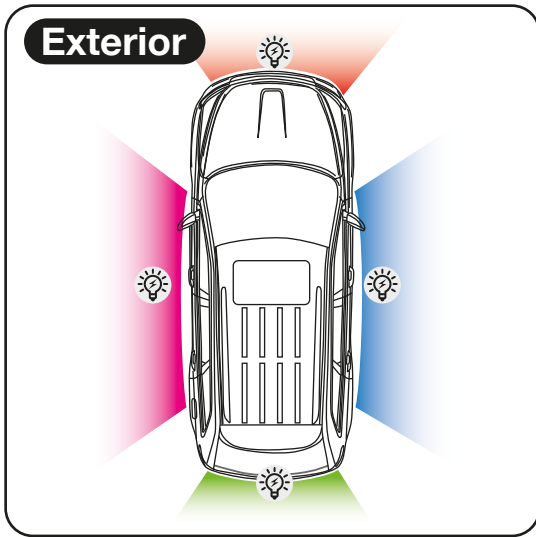
PACKAGE CONTENTS




TECHNICAL SPECIFICATIONS

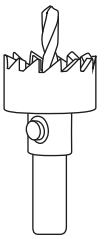
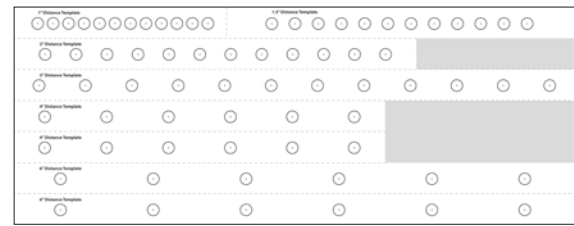
Working voltage: DC 12V Only
Bluetooth distance: 30ft (no obstacle)
Frequency band: 2.4 GHz
Types of LED: 5050 SMD RGB
Maximum amperage draw: 3A
Replacement Fuse: 3A

INSTALLATION

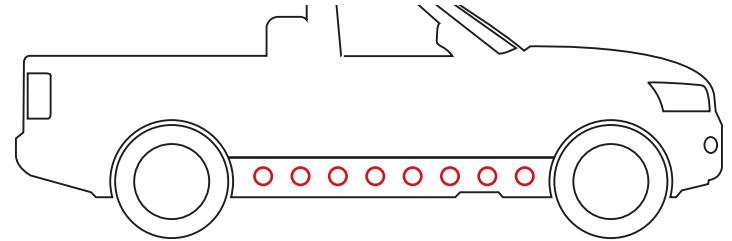


INSTALLING THE LIGHT:

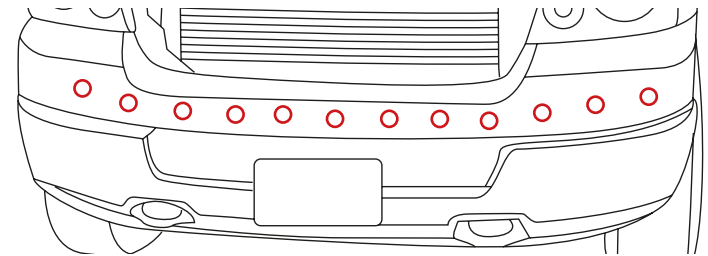
- Choose your desired location.
( – see suggestions as shown)
- Drilling is needed for this installation. Before drilling holes, make sure to measure and plan accordingly where to place each Puddle light. Each light must not be over 12” distance apart. Please note that you do not need to install all 12 lights. The maximum lights that you should connect is 12 lights. Install the number of lights that you need depending on your distance.
- Use the provided template to tape onto your desired location. The drilling template includes several distance measurements. Select the distance that will allow the lights to illuminate the area needed. Follow the template and drill each hole with the included 19mm hole saw.



Example Side Puddle Light Installation:



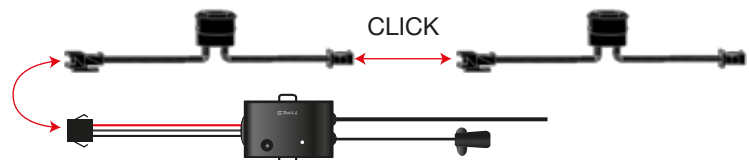
Example Bumper Light Installation:



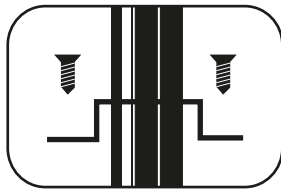
For bumper light installation, you might need to remove your bumper for ease of installation.

- Insert each Puddle lights wires into the drilled hole and connect each Puddle light as shown. The 1st Puddle light must be connected to the Smart Hub Controller.

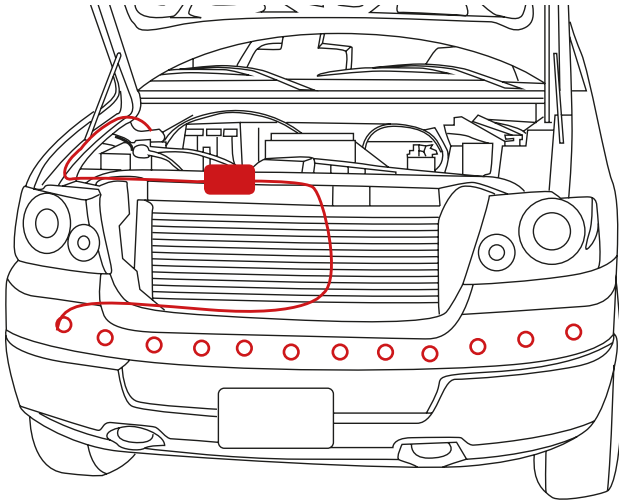
NOTE: Recommend not to snap the light into the hole yet until final step



- Use the wire mounting brackets and screws if needed to secure the wire as shown below.

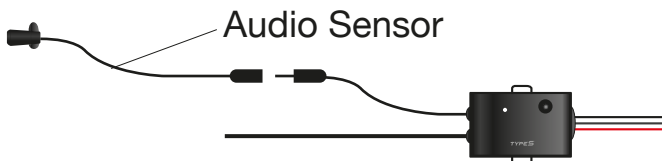


- Position the Smart Hub Controller away from the car engine. Make sure to avoid placing the Hub controller or cables near any extremely HOT location or next to the car engine. Use 3M™ double sided tape to secure to any flat location. The best location for the Hub controller will be inside the front grill if possible.



INSTALLING THE AUDIO SENSOR:

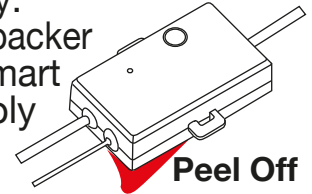
Audio sensor is only recommended for interior installation or the audio sensor must locate inside your car. For external installation, please unplug the audio sensor plug.



POWER

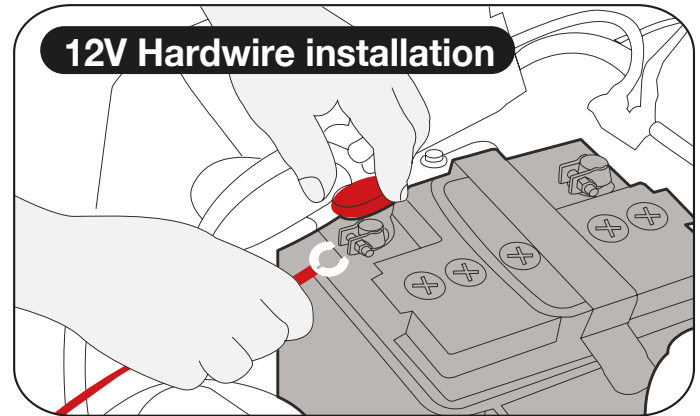
INSTALLING THE SMART HUB:

- For use with 12V power only
- Choose your desired location for the Smart Hub.
- 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.



- 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 **BLACK** 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.

12V Hardwire installation



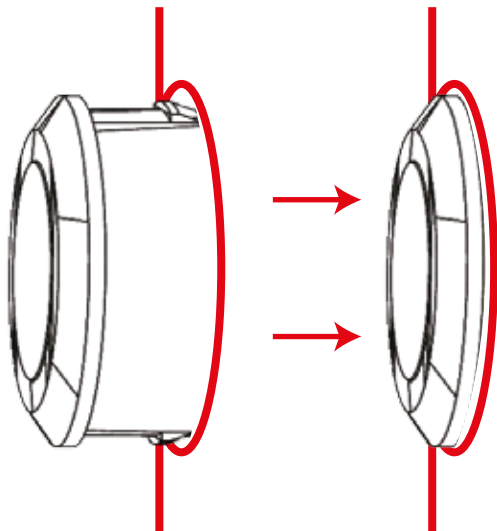
NOTE: After connecting the Smart Hub to the car battery, the LED power indicator will flash Blue. If the LED power indicator does not flash once connected, please recheck your power connections.

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.

FINAL STEP:

Snap in all Puddle lights completely.



WARNING

WARNINGS:

1. Do not install or use product if it, in any way, impairs the safe operation of your vehicle.
2. NEVER use the APP while operating your vehicle. Use the APP when vehicle is stationary only.
3. Follow manufacturer's instructions to ensure the product is properly & safely installed.
4. Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws.
5. This product is intended solely for decorative purposes. Manufacturer and Seller assume no liability for installation or use, which are solely the responsibility of the purchaser.
6. This product is not DOT approved and is designed and intended for off-road use only. Not for use in extreme temperature such as under hood applications.
7. The Manufacturer and Seller are not responsible or liable for consequential, incidental, or indirect damages, whether to person or property, resulting from the installation or improper use of this product.

PROP 65 WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Wash hands after handling.

FCC & IC

This device complies with Part 15 of the FCC Rules and industry Canada license-exempt RSS standard(s). 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.

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and 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

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

CAN ICES-005 (B) / NMB-005 (B)

Environment friendly disposal

You can help protect the environment! Please remember to respect local regulations. Return any non-working electrical components to an appropriate waste disposal center.



Have a comment or question?

Email us at: info@winplususa.com

or visit us online at: www.winplususa.com

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820 South Wanamaker Avenue, Ontario, CA 91761 USA

Tel: 1-866-294-9244

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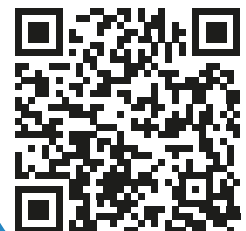
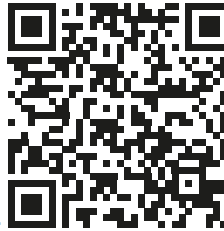
APP INSTALLATION

- Install the Smart Lighting APP on your device. Search for the APP through the APP Store or Google Play under:



WINPLUS TYPE S LED

- Or scan the QR code below to find the compatible APP for iOS or Android.



Scan to download APP

Scan to download APP

Compatible with iPhone 4s & higher, iPad3, iPad Mini, iPad Air & higher, and iPod touch 5th Generation & higher.
Requires iOS 7.0 or higher.

Compatible with phones with Android™ 4.3 or higher.

Note: not all Android™ phones are equipped with Bluetooth® Smart v4.0 required for this application.

- Once installed, open the APP and begin enjoying your Plug & Glow™ experience.



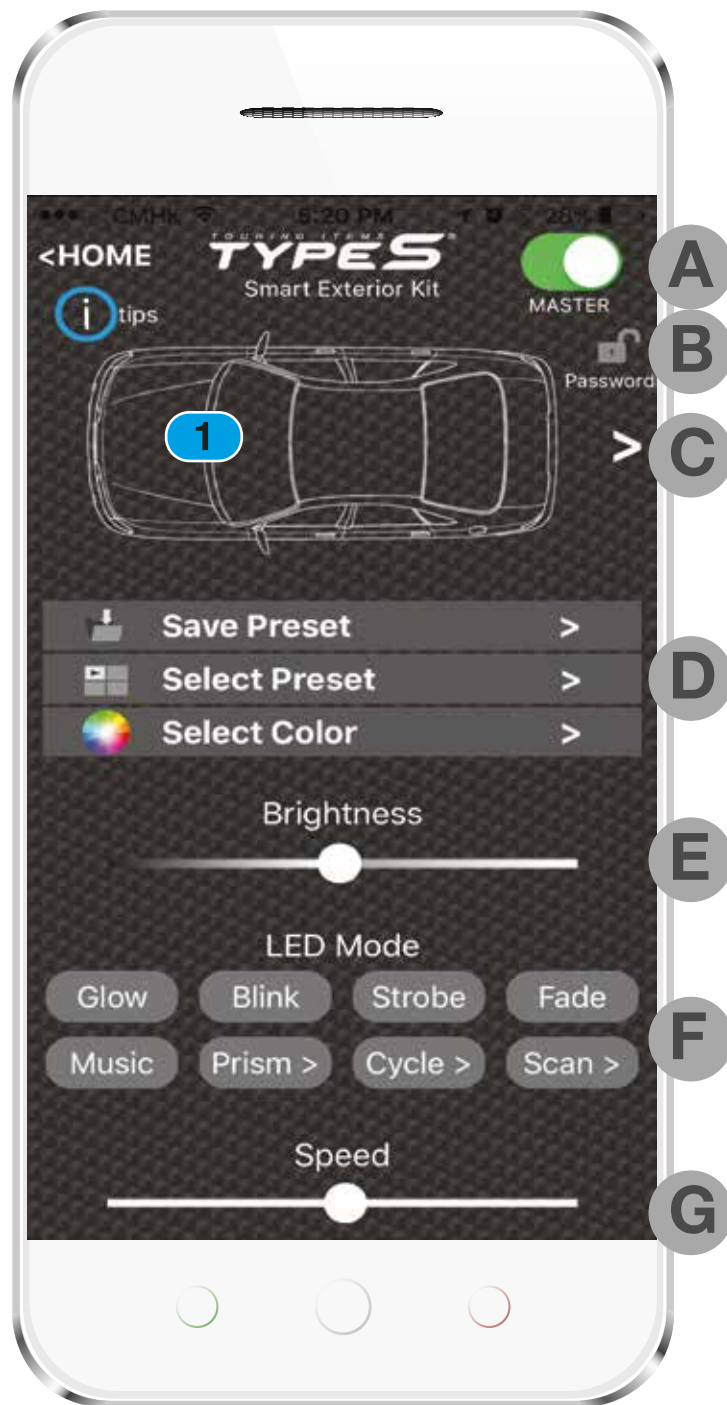
USING THE APP

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



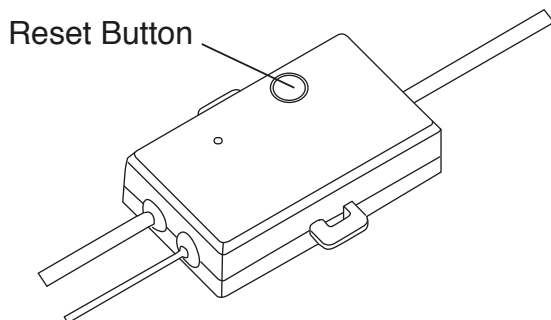
A Master On/Off Switch

B 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 Smart Exterior Kits.

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

On / Off
Move
Rename
Select Multiple
LED Strip Length

Move Zone Icon:

Press and hold zone icon, select **“Move”** to position each zone icon at your desired location.

Rename Zone Icon:

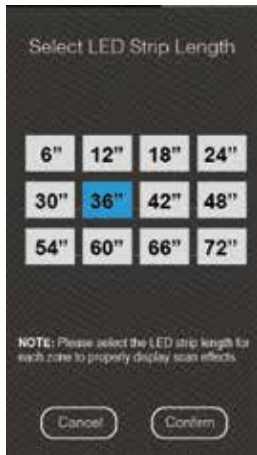
Press and hold zone icon, select **“Rename”** to rename each icon. (Note: Maximum 4 characters).

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”**.

C LED Strip Length:

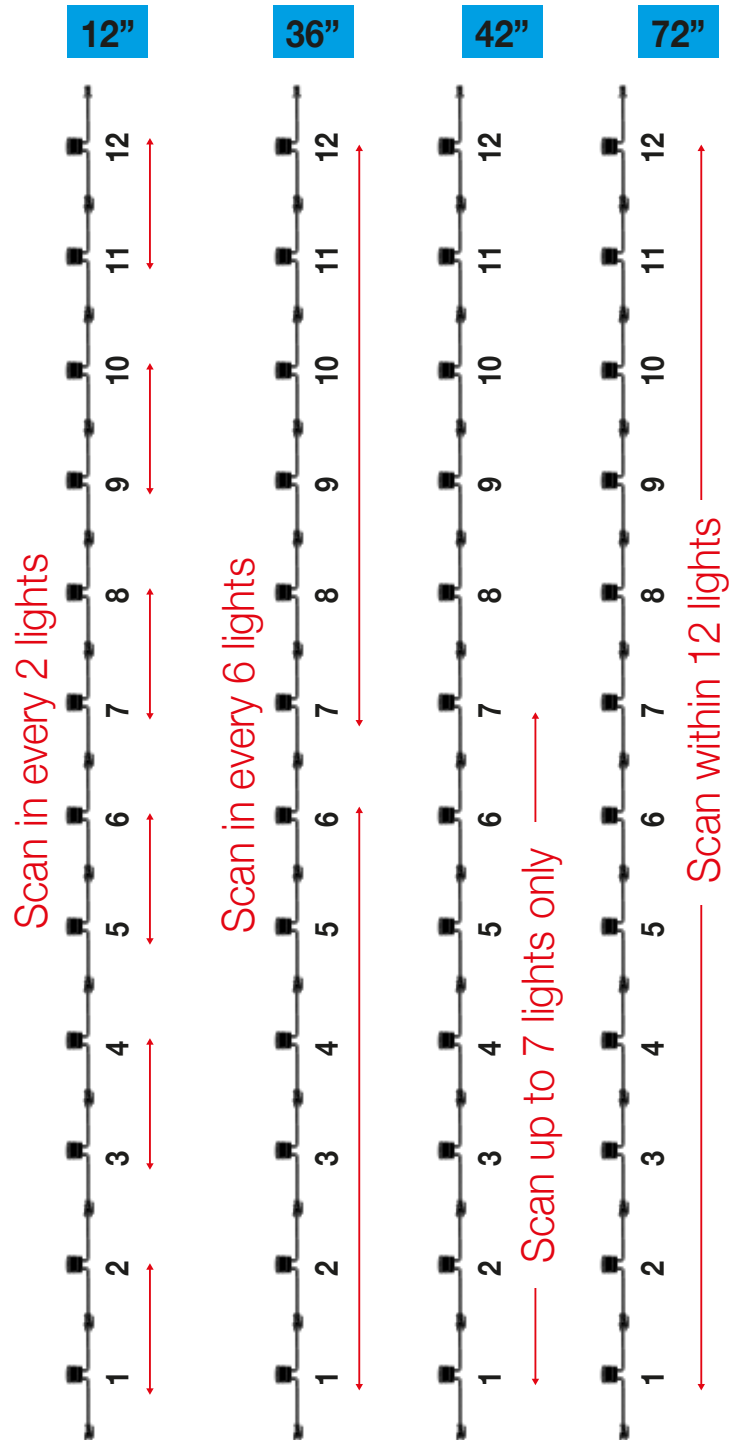
The 12PC Smart Exterior Puddle Light Kit includes 12 pc of Lights. Each light equivalent to 6" of LED Strip Length. If you have installed 6 lights only, you should select 36" as your total LED strip length. Select the LED strip length for each zone to properly display scan effects on Scan Mode. Press and hold zone icon, select "LED Strip Length" to set the LED length. Default setting is 36" and the Puddle light will scan within the 6pc of lights distance. To have the LED move the entire 12 lights distance, please select 72". Please refer to (figure 1) for example.



Select Vehicle Schematic:

Press >, select your desired vehicle schematic.

Figure 1 (Scan/Strip Length Examples)



D 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".

E Brightness:

Slide bar to adjust brightness setting.

F LED Mode:

Choose up to 22 different modes including unique scan effects and Preset color themes.

Note: Music Mode is sound activated and sensor must be installed in car interior for proper use.

G Speed:

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

Additional Smart Lighting

Smart Off-Road



8" Smart Light Bar



4" Smart Work Light Kit



3" Smart Running Light Kit



6" Smart Running Light Kit

For more product and installation ideas and videos visit us at:
www.winplususa.com