MANUAL

Preliminary Steps

1.Read all instructions carefully and study diagrams before installing lights.
2.Check with state and local authorities for laws governing usage and proper mounting of auxiliary lamps.
3.Disconnect ground connection from battery(marked"-")to avoid accidental short circuits before attempting to connet electrical wires.
4.Route new wires along existing wiring .Tape as necessary to correct slack.
5.When running wires,Keep them away from moving parts.

Wiring Instructions

1. White position light:

Connect white wire to positive pole (DC 9-36V), black wire to negative pole, the white position light is on. (With dynamic start-up: flowing then steady burn.)
Note: When both white position light and amber position /warning light are both connected to power, the amber postion/warning light wil always be prioritized.

2. Amber position/warning light:

1) Connect green wire to positive pole (DC 9-36V), black wire to negative pole, the amber position/warning light is on.
Initially when the amber position/warning light is on, it will be with flash pattern No.1 (Single flash).
2) Amber postion/warning light patterns:
No.1: Single flash (ECE R65 approved, by day)
No.2: Double flash
No.3: Triple flash
No.4: Strobe
No.5: Dynamic start-up: flowing from 2 ends towards the middle, from middle to 2 ends, and then steady burn
No.6: Flowing from 2 ends towards the middle, and then from flowing from middle to 2 ends, repeating
No.7: With single LED flowing from top to bottom, from bottom to top, repeating
No.8: With single LED opposite diection flowing on left and right, repeating
No.9: Water drop flowing from top to bottom, stacking
3) Flash patterns switch: While the amber position warning light is on, simultaneously connect green wire and yellow wire for more than 1 seconds but less than 3 seconds and release, it will be switched to the next flash pattern.
4) Flash patterns reset: While the amber position/warning lgith is on, simultaneously connect green wire and yellow wire for more than 4 seconds and release, it will be reset to flash pattern No. 1.
5) Synchronization: While 2 different lamps or above are on with the same flash patterns, connect all of their yellow wires together, synchronization of the amber warning light is realized.
6) Memory: It will memorize the flash pattern used before the lamp is turned off. When the lamp is turned on again, it will remain with the same pattern before it is turned off.

3. Switch Controls:

1) High beam (full power): Red wire connected to positive pole + black wire connected to negative pole.
2) Limited power (R112/R149 approval): Red wire and blue wire connected to positive pole + black wire connected to negative pole.
3) White position light White wire connected to positive pole + black wire connected to negative pole.
4) Amber position light: Green wire connected to positive pole + black wire connected to negative pole.
5) Flash patterns switch: Green wire connected to position pole, with yellow wire shortly touching green wire +black wire connected to negatie pole.

4. Wire Functions

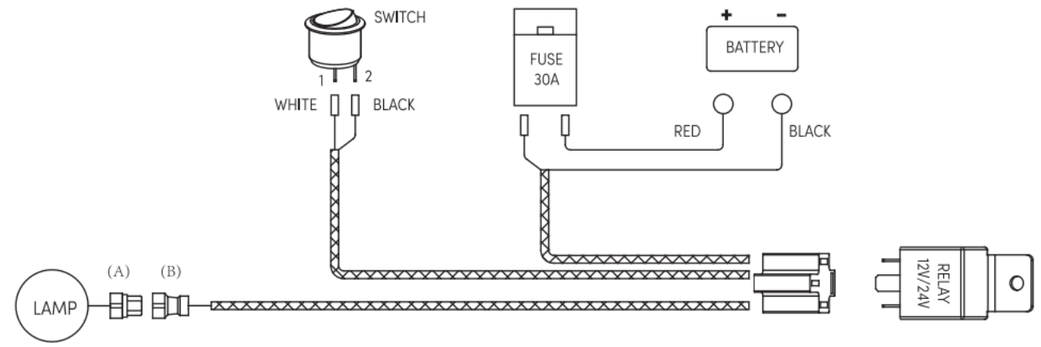
1) Red Wire Positive pole for high beam (full power)
2) Black wire: Negative pole
3) Blue wire: Limited power （R112/R149 approval）
4) White wire: Positive pole for white position light
5) Green wire Positive pole for amber position/warning light
6) Yellow wire: Pattern switch wire

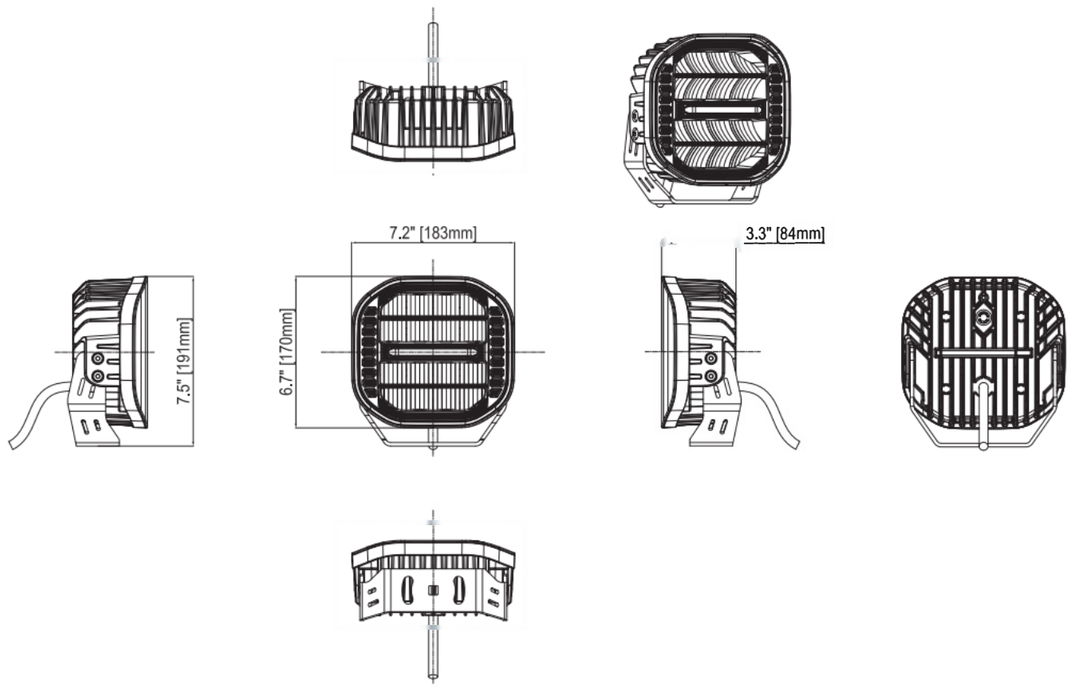
Shield 7---SWYG140C

MANUAL

Caution

.Working voltage (DC12V/24V), Voltage range (DC9V-36V)
.This light becomes hot during continuous use.Don't remove the lamp or touch the casing for at least 30 minutes after turning the lamp off.
.Keep heat sink clean and exposed to maintain air flow.



Mounting lights

Lock the U-shape bracket to the rear housing with M6*14 hexagon socket screws M6 spring washers, and M6 flat washers. There are M10*45 square head screws, M10 spring washers, M10 flat washers and M10 self-lock screws for locking the light to the vehicle.