



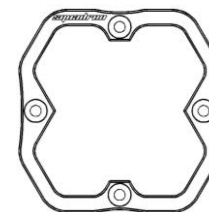
baja designs
THE SCIENTISTS OF LIGHTING

2950 Norman Strasse Rd. San Marcos, CA 92069

squadron 2.0

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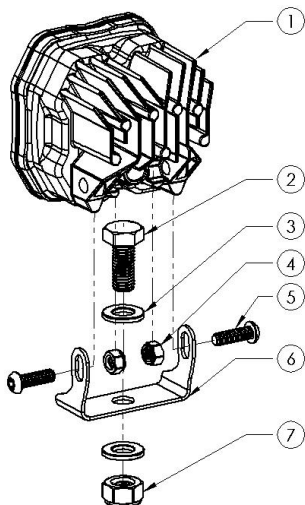


Digital Instructions

Mounting

Item	Description	Qty.
1	Squadron 2.0 Light	1
2	3/8 Bolt	2
3	3/8 Washer	2
4	M6 Nylock nut	2
5	M6 Button head Screw	2
6	Universal Bracket	1
7	3/8 Hex Bolt	1

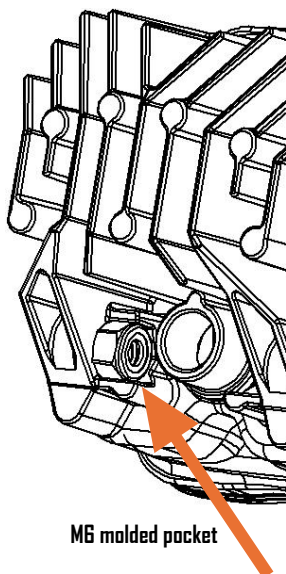
Required tools: (1) 4 mm Hex Drive,
(2) 9/16" wrenches



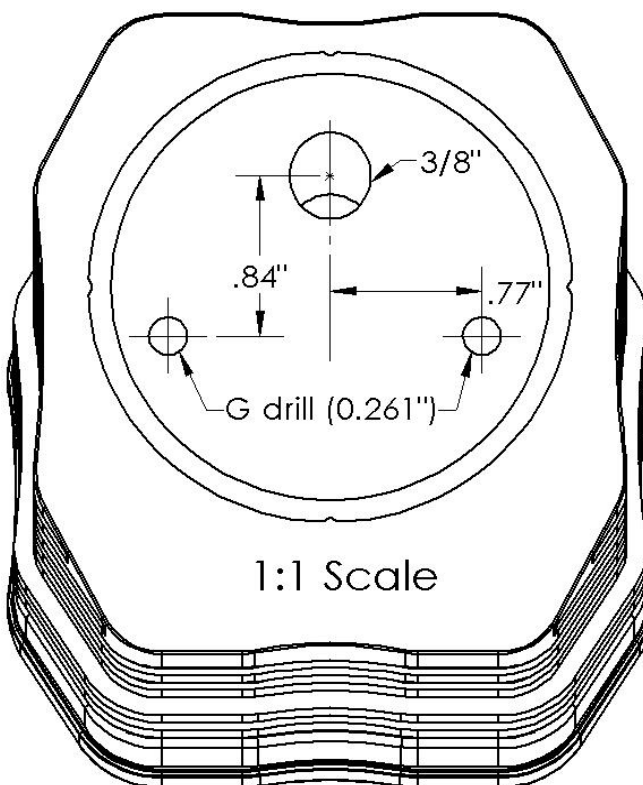
Mounting Instructions

1. Begin by removing light and bracket from box and orient as shown above.
2. Insert the 3/8" hex bolt and washers through the bracket hole as shown, then secure it with the 3/8" Nylock nut. Do not tighten yet.
3. Insert the M6 nuts into the molded pocket in the housing as shown below, with the Nylock portion facing the power cord.
4. Secure the bracket to the light using the M6 screws as shown. Leave them loose enough to allow in aiming the light.
5. Aim light and tighten all hardware.

Back of Squadron 2.0 Housing



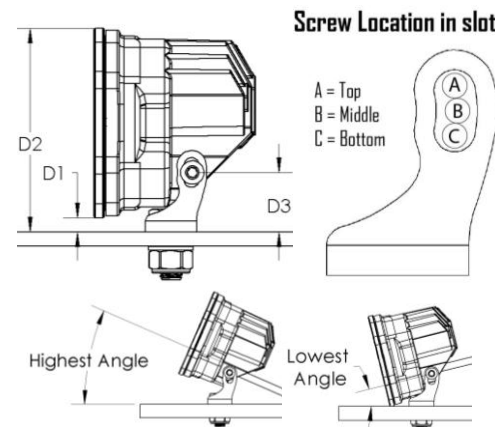
Angled Housing Mounting: Screw Position Guide



**** Make sure the printer scaling is set to Actual Size / 100% ****

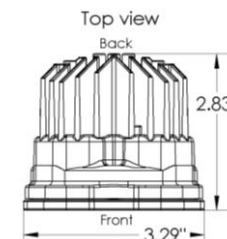
- 1) Template above is only for Angled Housing Squadron product. Cut out template & hold on desired flat mounting surface. Use 3/8" drill for large hole & G drill (0.26") for two smaller holes. Deburr all edges.
- 2) Install the O-ring in the groove on the back of the light. *This helps prevent water from entering behind light but is not guaranteed. *
- 3) Feed the light's cord through the 3/8" hole & use the supplied connector to attach it to the light.
- 4) Use the provided M6X1.0 studs and associated hardware to fasten the light to the mounting surface. Use a thread locker when installing the hardware to ensure they remain securely fastened.

Light Orientation Limits and Positioning for Standard Bezel



Configuration-Specific Min/Max Dimension Table

A (Top)		Lowest Angle		Highest Angle	
		-13.7		23.5	
D3	D1	D2	D1	D2	
1.17	0	3.25	1.07	4.16	
A (Middle)		Lowest Angle		Highest Angle	
		-8.8		21.2	
D3	D1	D2	D1	D2	
1.04	0	3.3	0.87	4	
A (Bottom)		Lowest Angle		Highest Angle	
		-4.12		18.67	
D3	D1	D2	D1	D2	
0.912	0	3.32	0.66	3.84	



All angles are in degrees (°) and all distances (D) are in inches (in). Angles are measured from the horizontal. Positive angles are above the horizontal and negative angles are below the horizontal.



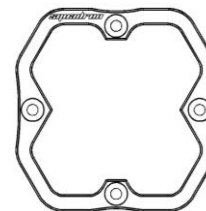
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Digital Instructions

Changing the Backlight Color

1. Turn the backlight off for 3 or more seconds.
2. Turn the backlight on and off 4 times to enter backlight changing mode.
3. Cycle the backlight on and off until the desired color is active.
4. To save the active color, either:
 - a. Leave the backlight active for longer than 10 seconds.
 - b. Turn the backlight off for longer than 3 seconds.

Locking the Backlight Color

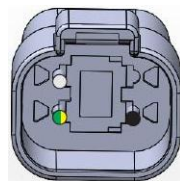
1. Set and save the backlight color you want to lock.
2. Turn the backlight off for 5 seconds.
3. Turn the backlight on and wait for 10 seconds.
 - a. Counting "Mississippi" out loud may help with timing.
4. Cycle the backlight on and off 5 times finishing with the backlight on.
 - a. If done successfully, the backlight will flash rapidly 3 times.
 - b. If not, repeat steps 2-4 and either:
 - i. Wait slightly longer before cycling the backlight.
 - ii. Cycle the backlight more quickly.

Unlocking the Backlight Color

1. Turn the backlight off for 5 seconds.
2. Turn the backlight on and wait for 10 seconds.
 - a. Counting "Mississippi" out loud may help with timing.
3. Cycle the backlight on and off 5 times finishing with the backlight on.
 - a. If done successfully, the backlight will flash rapidly 3 times.
 - b. If not, repeat steps 1-3 and either:
 - i. Wait slightly longer before cycling the backlight.
 - ii. Cycle the backlight more quickly.
4. To set a new color, follow the instructions above labeled "Changing the Backlight Color".

Connector Wiring

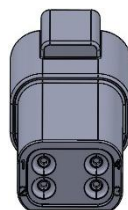
Front of male
Deutsch connector



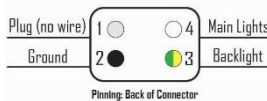
Squadron 2.0 Sport & Pro



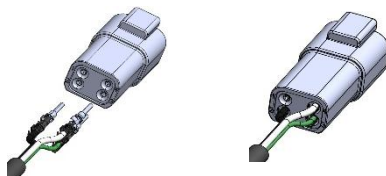
Back of male
Deutsch connector



Squadron 2.0 Sport & Pro



Wire pinning

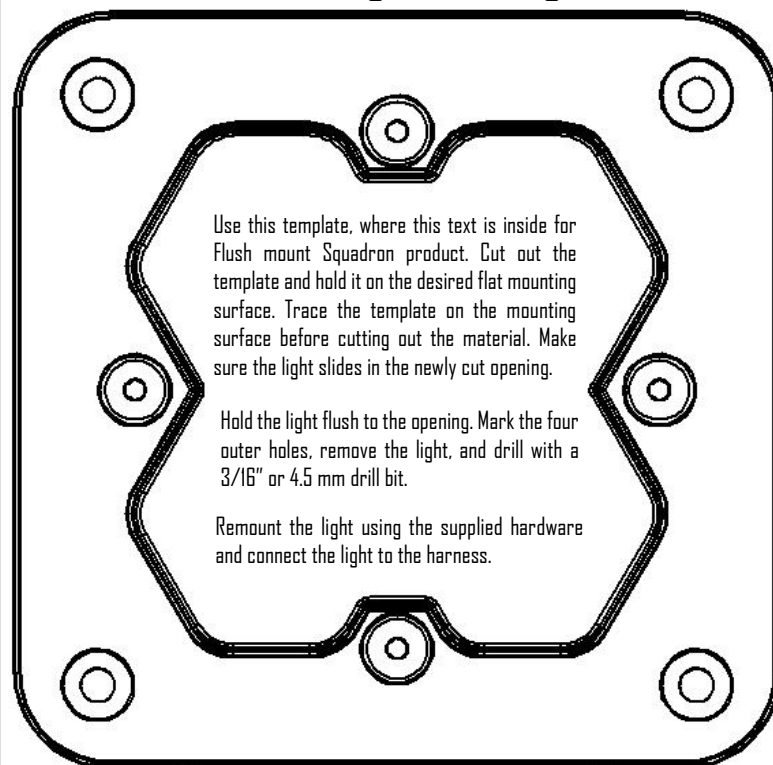


P/n of 4 pin male
Deutsch: DT06-4S

Resyncing Backlight Colors

1. Turn the backlight off for 3 or more seconds.
2. Turn the backlight on and off 4 times to enter backlight changing mode.
3. Quickly turn the backlight on and off to begin cycling through all the backlight color options. After completing 3 cycles, the light will default to the Amber color option and will stop cycling between colors.
4. Once all lights are set to the amber backlight, follow the instructions for changing the backlight color to set it to the desired color.

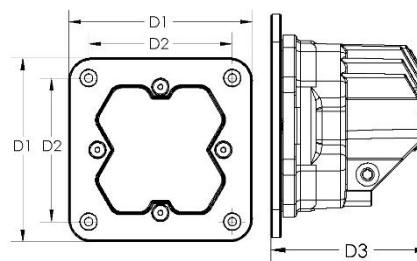
Flush Mounting: Positioning Guide



Use this template, where this text is inside for Flush mount Squadron product. Cut out the template and hold it on the desired flat mounting surface. Trace the template on the mounting surface before cutting out the material. Make sure the light slides in the newly cut opening.

Hold the light flush to the opening. Mark the four outer holes, remove the light, and drill with a 3/16" or 4.5 mm drill bit.

Remount the light using the supplied hardware and connect the light to the harness.



Dimensions

D1	4.000"
D2	3.125"
D3	2.838"

**** Make sure the printer scaling is set to Actual Size / 100% ****