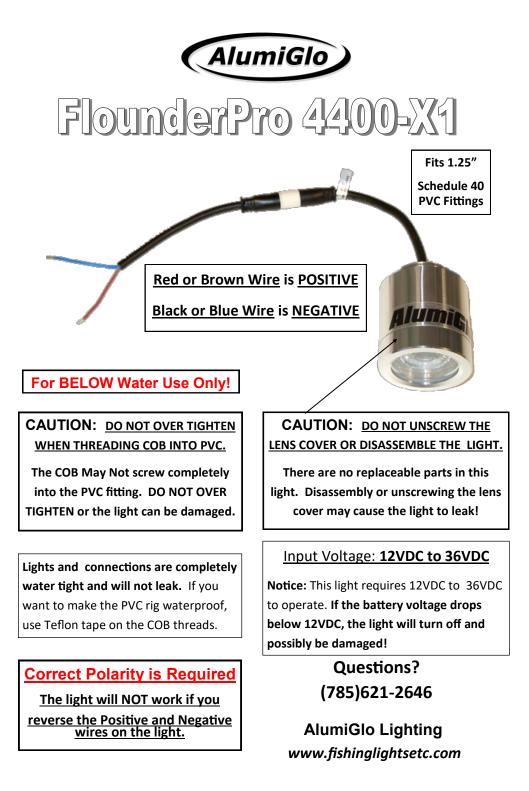
\$ ck to a ground block chart

@ 12 Volts				LENGTH American Wir	LENGTH OF WIRE American Wire Gauge (AWG)	6	
Amps	3.	ū	7	10'	15'	20'	25'
0 to 1	18	18	18	18	18	18	18
1.5	18	18	18	18	18	18	18
2	18	18	18	18	18	18	18
	18	18	18	18	18	18	18
4	18	18	18	18	18	18	18
5	18	18	18	18	18	18	18
9	18	18	18	18	18	18	16
7	18	18	18	18	18	18	16
8	18	18	18	18	18	16	16
9	18	18	18	18	16	16	14
11	18	18	18	18	16	16	14
12	18	18	18	18	16	16	14
15	18	18	18	18	14	14	12
18	18	18	16	16	14	14	12
20	18	18	16	16	14	12	10
52	18	18	16	14	12	12	10
24	18	18	16	14	12	12	10
30	18	16	14	12	10	10	10
36	16	14	14	12	10	10	10
40	16	14	12	12	10	10	80
50	16	14	12	10	10	10	80
100	12	12	10	10	9	9	4
150	10	10	8	8	4	4	2
200	10	~	0	4			•

**CAUTION:** PUTTING TOO MANY LIGHTS ON ONE POWER-CORD can cause the power-cord to over heat. As a result, damage to the power-cord, battery, lights and/ or your boat may occur. Use the correct gauge wire for all installations.

USE THIS CHART TO DETERMINE WIRE GUAGE AND MAXIMUM NUMBER OF COBS YOU CAN ATTACH TO EACH POWER-CORD

FlounderPro 4400-X1 (40W) COB pulls 3.3 amps @ 12VDC





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## **COB** Installation:

- 1. Attach the Positive + (Red or Brown) wire and Negative (Black or Blue) wire to the Positive and Negative Power-Cord wires. (CORRECT POLARITY IS REQUIRED)
- 2. Prior to screwing the COB into the PVC fitting, rotate the COB head <u>4 turns to the Left</u> prior to screwing it into the PVC fitting. This will prevent the wire from twisting and crimping when you screw the COB into the PVC.,
- 3. Insert COB head into PVC fitting and <u>rotate to the Right</u> until the COB head is tight. DO NOT OVER TIGHTEN IT!

Questions? (785)621-2646