

TOUGH | EFFICIENT | BRILLIANT



Alpha II \*



ALPHA II REAR



ALPHA I

# SEAFIRE

M A R I N E L E D

## How Bright Do You Want To Be?

- Brightest On The Market
- Instant On & Off
- Waterproof
- Marine Grade Construction
- Pay For Themselves In Fuel Savings
- 50,000 Hour Life
- Corrosion Proof Housing
- Stainless Steel Brackets



BRAVO



EXPLOSION PROOF GAMMA

\*Light bulb shown to illustrate scale

## Alpha I, II and Bravo Specifications

Model	Bravo	Alpha I	Alpha II
Power Consumption	70 W	180 W	400 W
Initial Lumen Flux	7700lm	21600 lm	48000 lm / 44000lm
Replace HID Lamp	150-200 W	400-500 W	600 W-1000 W
Dimension (W, H, D)	308 x 230 x 162 mm	360 x 323 x 163 mm	670 x 370 x 180 / 300 mm
Net Weight	8.8 lbs	17.6 lbs	28.6 lbs / 35lbs
Beam Angle	60° / 120°	60° / 120° / 140°x60°	20° / 60° / 120° / 140°x60°
Color Temperature	4000 K (warm) / 6000 K (cool)	4000 K (warm) / 6000 K (cool)	4000 K (warm) / 6000 K (cool)
Color Rendering	≥ Ra75	≥ Ra75	≥ Ra75
Working Life	≥ 50000 Hrs	≥ 50000 Hrs	≥ 50000 Hrs
Housing Material	Aluminum	Aluminum	Aluminum
Coating	Powder Coat	Zinc Rich Paint	Zinc Rich Paint
IP class	IP 68	IP 68	IP 68
Insulation Class	Class I	Class I	Class I
Working Temperature	-40 C ~ 60 C / -40 F ~ 140 F	-40 C ~ 60 C / -40 F ~ 140 F	-40 C ~ 60 C / -40 F ~ 140 F
Working Humidity	10% ~ 95%	10% ~ 95%	10% ~ 95%
AC Input	80 ~ 315 Vac	80 ~ 315 Vac	80 ~ 315 Vac
DC Input	80 ~ 400 Vdc	80 ~ 400 Vdc	80 ~ 400 Vdc
THD	<10%	<10%	< 10%
Power Factor	≥ 0.98	≥ 0.98	≥ 0.98
Warranty	5 Year	5 Year	5 Year

\*20° Alpha II Specifications

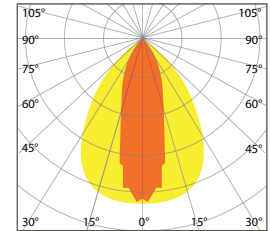
## Tube Light Specifications

Model	Echo-10A/Echo-10B	Echo-20A/Echo-20B	Gamma
Wattage	10 W	20 W	10 W / 20 W (lamp)
Retrofit	18 W T8/T10	36 W T8/T10	x
Dimension	29 x 600 mm	29 x 1200 mm	110x750 mm 110x1350 mm (B)
Net Weight	x	x	x
Lamp Efficiency	90 lm/W	90 lm/W	90 lm/W
Beam Angle	130°	130°	130°
Color Temperature	4000 K (warm) / 6000 K(cool)	4000 K (warm) / 6000 K(cool)	4000 K (warm) / 6000 K(cool)
Color Rendering	≥ Ra75	≥ Ra75	≥ Ra75
Working life	≥ 50000 Hrs	≥ 50000 Hrs	≥ 50000 Hrs
Body Material	Aluminum & Polycarbonate	Aluminum & Polycarbonate	Aluminum & Tempered Glass
Explosion Rating	x	x	EXDII
Light Base	G13	G13	x
Working Temperature	-40 C ~ 60 C / -40 F ~ 140 F	-40 C ~ 60 C / -40 F ~ 140 F	-40 C ~ 60 C / -40 F ~ 140 F
Working Humidity	10% ~ 95%	10% ~ 95%	10% ~ 95%
AC Input	80 ~ 315 Vac	80 ~ 315 Vac	80 ~ 315 Vac
DC Input	80 ~ 400 Vdc	80 ~ 400 Vdc	80 ~ 400 Vdc
Warranty	3 Year	3 Year	3 Year

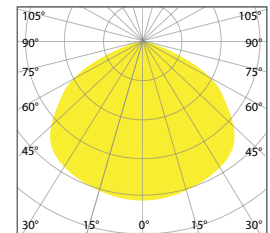


**SEAFIRE**  
MARINE LED

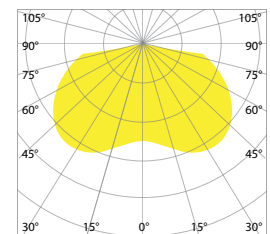
### Alpha I and II Beam Availability:



60° Lens | 20° Lens  
(Tempered Glass)

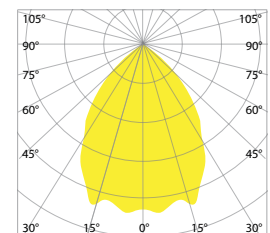


120° Lens  
(Tempered Glass)

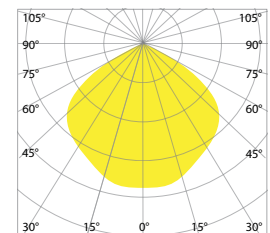


140° x 60° Lens  
(Tempered Glass)

### Bravo Beam Availability:



60° Reflector



120° Reflector