

## SPECIFICATIONS

	<b>LBEA-85/P</b>
<b>Lens diameter:</b>	85mm
<b>Lens material:</b>	Polycarbonate
<b>Base material:</b>	Polycarbonate
<b>Overall height:</b>	305mm
<b>Focal height:</b>	145mm
<b>Fixing:</b>	Three 9mm holes on 150mm PCD
<b>Net weight:</b>	1.5Kg

*Character proportions are limited as follows:*

*Fixed light up to and including 40 watts  
66% ration up to and including 60 watts  
40% ratio up to and including 100 watts*

<b>INTENSITY TABLE</b>		
Stationary intensity and vertical divergence		
Lamp Size	LBEA-85/P	
2 watt	25cd	8°
5 watt	65cd	9°
10 watt	130cd	11°
20 watt	260cd	12°
40 watt	520cd	12°
60 watt	775cd	14°
100 watt	1200cd	14°

*Note:*

*For red lens multiply by 0.22  
For green lens multiply by 0.24  
For yellow lens multiply by 0.70  
For blue lens multiply by 0.05*

### RANGE TABLE

	Lamp 10.3 v watts  B22d base	Luminous range (nautical miles) with flash length shown ( ) sec			Vertical spread
		Nominal to nearest	Clear to nearest mile	Rain to nearest mile	
		N mile T =0.74	T=0.85	T=0.2	
<b>White</b>	2	3 (0.15)	3 (0.15)	1.2 (0.15)	8°
	5	4 (0.2)	5 (0.2)	1.5 (0.2)	9°
	10	5 (0.5)	6 (0.5)	2 (0.5)	11°
	20	6 (0.5)	8 (0.5)	2.5 (0.5)	12°
	40	8 (0.5)	10 (0.5)	2.7 (0.5)	12°
	60	9 (1.0)	12 (1.0)	3.1 (1.0)	14°
	100	9 (1.0)	13 (1.0)	-	14°

### INTENSITY TABLE FOR HALF MIRRORED LAMPS

Stationary intensity and vertical divergence	
<b>10 watt half mirrored lamp in LBEA-85/P</b>	173cd 14°

*Please consult for alternative wattage version*