

FT Opto Laboratories

Client

Eflare Corporation Pty Ltd
 222 St Kilda Rd
 St Kilda Vic
 Australia

Test Report No

051121

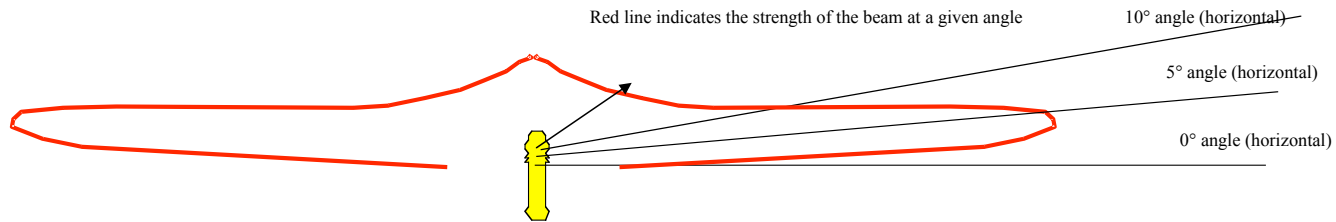
Date

21 November 2005

Eflare Light Beam Profile – Vertical and Horizontal

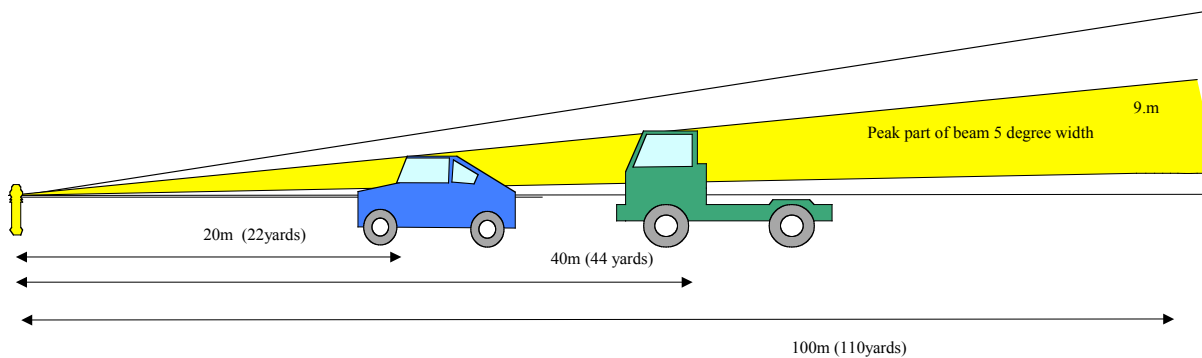
The Eflare is designed to deliver the optical output of the internal LED light source to the point where it is most conspicuous. For traffic applications, this must be optimised for drivers of approaching vehicles. The beam has been tailored to give it maximum in the range 0° to 10° above horizontal.

Vertical profile of Eflare beam



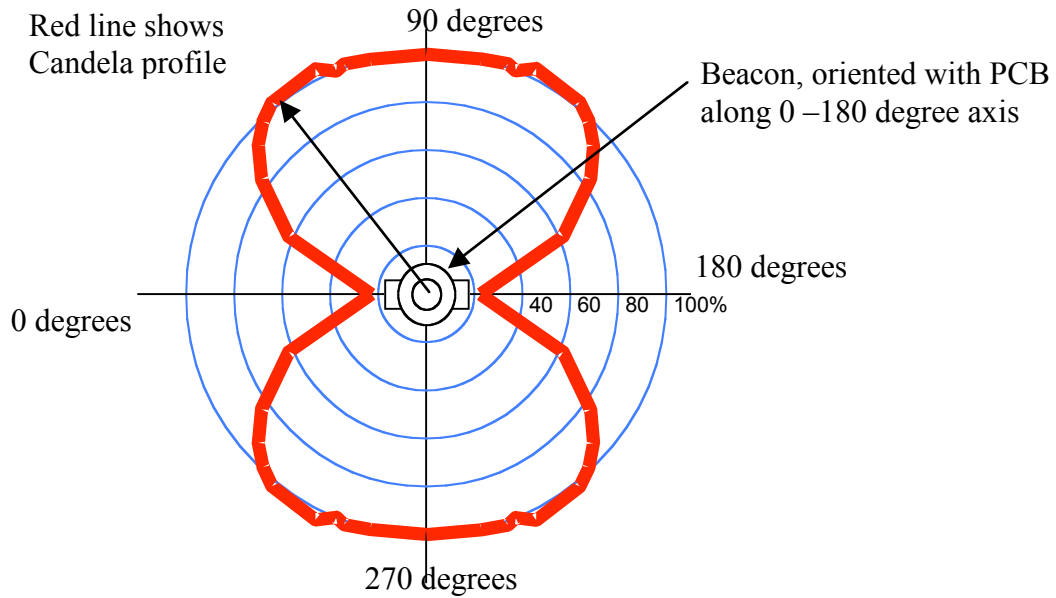
The beam is most intense in the range 0 to 10° above the horizontal, with a peak near 3°. The beam width is approximately 10°

Eflare beam is Ideally Suited for Traffic Applications



A view from above shows how the brightness varies according to the angle of approach.

Note that the peak brightness occurs at 90 degrees to PCB



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