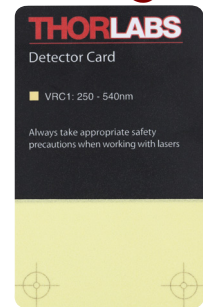


VRC1

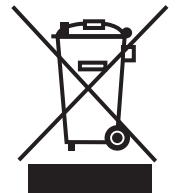


Description

The VRC1 is a credit-card-sized viewing card with a photosensitive region that allows for the easy location of a UV light beam and its focal point. The card is made from a durable plastic with a photosensitive region adhered to the front surface of the card. Since the active region does not require charging, the emission is persistent even when used in CW applications in a darkened room. The detection region extends all the way to the edge of the card in order to facilitate the use of the card during alignment procedure and each card features two engraved reticles for use in laser beam collimation. In addition, when the card is used in a darkened room with a sufficiently bright source, the fluorescence from the activated photosensitive region can be seen through the back of the card or the photosensitive region can be activated by illuminating the back of the card. This is especially useful for aligning the overlap of two beams.

Specifications

VRC1	
Specification	Value
Absorption Band	250 - 540 nm
Emission Band	~450 - 750 nm
Active Region Dimensions	1.20" x 2.10" (30.5 mm x 53.3 mm)
Charging Required	No



Drawing and Plot

