

Standard Guidelines for Product Review
TRAFFIC DELINEATOR – Reflectors;
Section 00840.10
November 17, 2009

00840.10 – TRAFFIC DELINEATOR – REFLECTOR

This covers the reflectors allowed for Types 1, 1U, & 4 Traffic Delineators.

To submit sheeting for review:

- Submit a completed [Preliminary Information Form for Product Evaluation](#).
- Submit samples, brochures, pictures, Independent test reports, and other documentation sufficient for us to be able to determine that your product meets our specifications and is suitable for the application.
- Submit six samples for each color.

Specifications:

- The product must have a minimum 3 inch diameter or may be another geometric shape so long as the area of the unit will contain an inscribed circle having a diameter of 3 inches.
- The color shall meet the requirements in ASTM D4956.
- The product must be a sealed acrylic plastic prismatic reflex unit meeting the following requirements:

Observation Angle (Degrees)	Entrance Angle (Degrees)	Specific Intensity Candlepower per foot candle	
		White	Yellow
0.1	0	115	70
0.1	20	45	25
0.33	0	48	29
0.33	20	19	11

- The product must be durable and have a positive fastening system for mounting to the backing plate of the delineator as detailed on the plans which has adequate strength to prevent loss of the reflector during the life of the post.

Submit documentation to:

Oregon DOT – Construction Section
Product Evaluation Coordinator
800 Airport Road SE
Salem OR 97301-4798

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>