



INDUSTRIAL TESTING LABORATORY

Report No.: 111007-01B

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TEST REPORT

Report Date: 1 November 2011

Test Component: Federal Signal HighLighter LED Amber Mini-Lightbar
(CA13 Version / Multiple Flash Patterns)

Submitted by: Federal Signal
University Park, IL 60484

Test Laboratory: Calcoast - ITL
Emeryville, CA 94608

Samples Tested: Two (2) Submitted 7 October 2011

SUMMARY

Photometric Test - Directional LED Amber Warning Lamp
 Calif. Title 13, Class B - Front/Rear Directions.....Passed
 Calif. Title 13, Class B - Side Directions.....Passed

Flash Characteristics - CA13 (Double Pulse).....Passed
 Flash Rate Tests - CA13.....Passed
 Mechanical Tests - SAE J575.....Passed
 Color Test - SAE J578.....Passed

Signature of Responsible Laboratory Official:

Mark A. Evans
Photometric Engineer