



INDUSTRIAL TESTING LABORATORY

Report No.: 091222-02B

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TEST REPORT

Report Date: 25 January 2010

Test Component: Federal Signal Quadraflare Project with QL97 Lighthoods and 650205 External Flasher Multiple Flash Patterns (See Pattern Sheets)

Submitted by: Federal Signal Corporation University Park, IL 60466

Samples Tested: One (1) QL97XFC-A, One (1) QL97XF-A, Two (2) QL97SC-RB, One (1) 650205 Flasher - submitted 8/14/2009 One(1) QL97XF-A, One(1) QL97SFC-RB -submitted 12/22/09

SUMMARY

Photometric Test -

California Title 13, Class B Directional Warning Lamps

- Yellow - QL97XF and QL97XFC Solid Color Only ...Passed
Red - QL97XF and QL97XFC Solid Color ...Passed
Red - QL97S, QL97SC, QL97SF and QL97SFC Split Color ...Passed
Blue - QL97XF and QL97XFC Solid Color ...Passed
Blue - QL97S, QL97SC, QL97SF and QL97SFC Split Color ...Passed

Flash Characteristics - CA13 813(a)

Solid Color: Models QL97XF and QL97XFC

Pattern P1, P4, P6, P9 ...Passed

Split Color: Models QL97SF and QL97SFC

Pattern P1, P4, P5, P6, P9, P10, P15, P16 ...Passed

650205 External Flasher

Pattern P3, P4 ...Passed

General Requirements - CA13 813(b)-(e) ...Passed

Temp & Durability Tests - CA13 815(a)-(d) ...Passed

Mechanical Tests - SAE J575 JUN07 ...Passed

Color Test - SAE J578 DEC06 ...Passed

Signature of Responsible Laboratory Official:

Handwritten signature of Mark A. Evans

Mark A. Evans
Laboratory Director