



INDUSTRIAL TESTING LABORATORY

CERTIFICATE OF COMPLIANCE

Based on Report No.: 180925-01C

Report Date: 31 October 2018

Test Component: SISTEMAS Y SERVICIOS DE COMUNICACION S.A. DE C.V.
X67 Series LED Lightbars (SAE W WS3)
Using 4x1 LED Modules and Six (6) Flash Patterns

Submitted by: 3rd Party

Test Laboratory: Calcoast - ITL
San Leandro, CA 94577

Samples Tested: One (1) 37" Lightbar and One (1) of Each Color 1/2
Lightbars Submitted 25 September 2018

SUMMARY

Specifications: SAE J595 MAR14 and J845 JUN2013
Photometric Test -

SAE J595 MAR14 Class 1(SAE W-1)

Front/Rear/Diagonal/Side Directions

White (Front/Rear Only), Amber, Red & Blue - FP1, FP3-FP6Passed

White (Diagonal) - FP1, FP4-FP5Passed

White (Side) - FP1, FP4-FP6Passed

SAE J595 MAR14 Class 2(SAE W-2)

White (Diagonal) - FP3 & FP6Passed

White (Side) - FP3Passed

SAE J845 JUN2013 Class 1 [SAE WS3-1(180)] - Hemispherical Coverage 180°

Front + Diagonal + Side + Diagonal + Rear

White, Amber, Red & Blue - FP1, FP3-FP6Passed

Flash Characteristics -

SAE J595 & J845 - FP1, FP3-FP6Passed

Environmental (Flash Rate) Tests - SAE J595 & J845.....Passed

Mechanical Tests - SAE J575 AUG15

(4.2 Vibration, 4.5 Warpage, 4.9 H2O, 4.11 Dust, 4.12 NaCl).....Passed

Color Test - SAE J578 MAR16.....Passed

Lens Material - SAE J576 AUG17.....Unknown

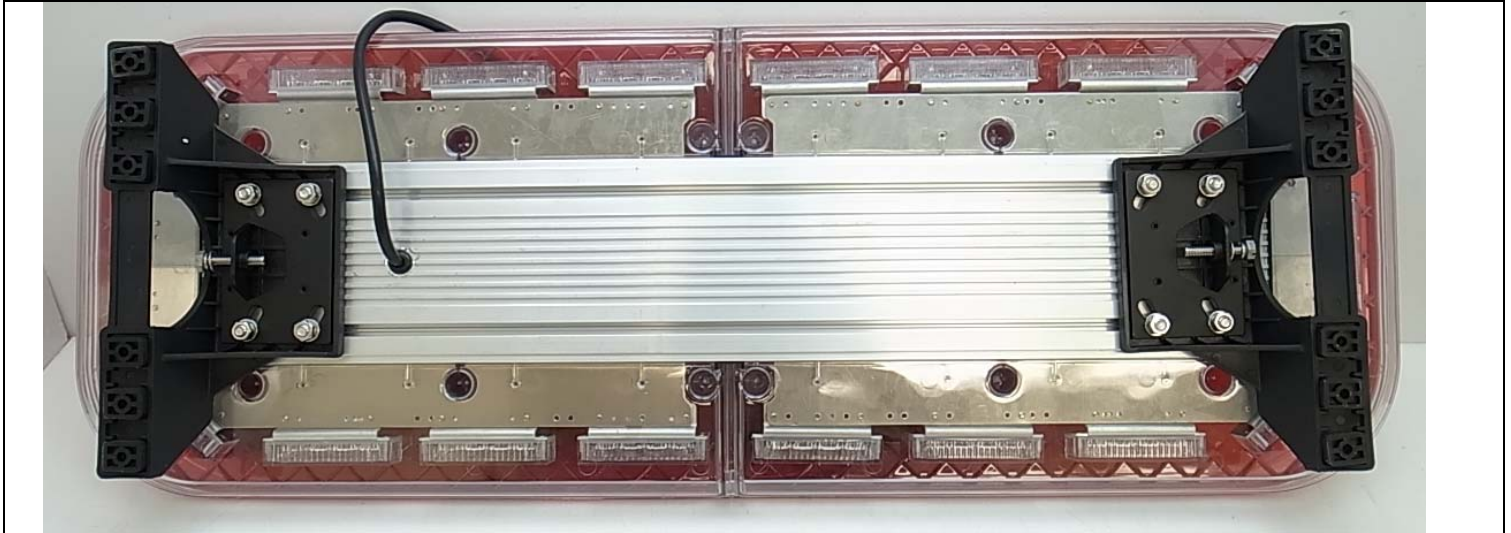
Signature of Responsible Laboratory Official:

Handwritten signature of Mark A. Evans

Mark A. Evans
Laboratory Director

PHOTOGRAPH SHEET

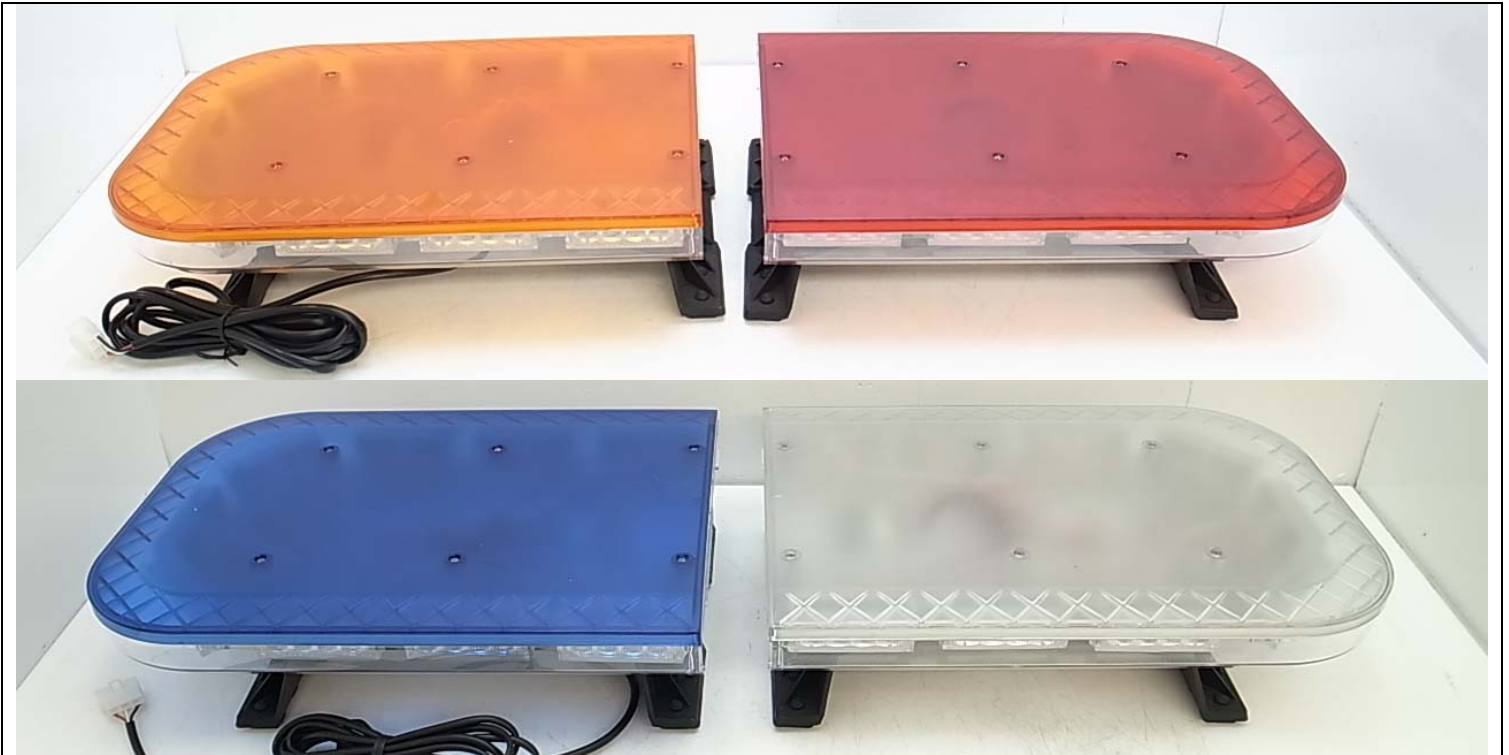
Device Name: SISTEMAS Y SERVICIOS DE COMUNICACION S.A. DE C.V.
X67 Series LED Lightbars (SAE W WS3)



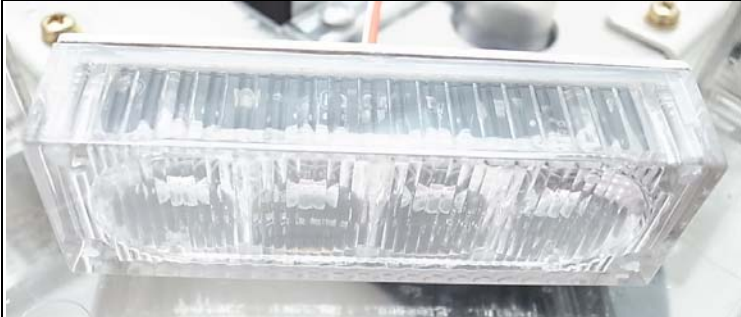
Environmental & Vibration 37" Test Sample

PHOTOGRAPH SHEET

Device Name: SISTEMAS Y SERVICIOS DE COMUNICACION S.A. DE C.V.
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Photometry Samples



4x1 LED Module

