



INDUSTRIAL TESTING LABORATORY

CERTIFICATE OF COMPLIANCE

Based on Report: 180810-06A Report Date: 04 September 2018

Component: SISTEMAS Y SERVICIOS DE COMUNICACION S.A. DE C.V.
X75 Series LED Lightbars (SAE W WS3)
Using 6x1 LED Modules and Six (6) Flash Patterns

Submitted by: 3rd Party

Test Laboratory: Calcoast - ITL
San Leandro, CA 94577

Samples Tested: One (1) 36" Lightbar and One (1) of Each Color 18"

Lightbars Submitted 07 & 14 May 2018

One modified 18" White Submitted 10 Aug 2018

This Certificate of Compliance endorses the measurements of the X75 light bar series in the length: 18 "(458 mm) 36.3" (923 mm), 45.8" (1163 mm), 55.2" (1403 mm), 64.7" (1643 mm).

SUMMARY

Specifications: SAE J595 MAR14 and J845 JUN2013 Photometric Test -

SAE J595 MAR14 Class 1 (SAE W-1)
6x1 LED Module - Front/Rear/Side Directions
Amber, Red & Blue - All FPs, White FP1, FP4 & FP5 only ..... Passed

SAE J595 MAR14 Class 2 (SAE W-2)
6x1 LED Module - Front/Rear/Side Directions
White - FP3 & FP6 ..... Passed

SAE J595 MAR14 Class 1 (SAE W-1)
6x1 LED Module - Diagonal Directions
Amber, Red & Blue - All FPs, White FP1, FP4 & FP5 only ..... Passed

SAE J845 JUN2013 Class 1 [SAE WS3-1(180)]
Endcap Modules - Hemispherical Coverage 180°
White, Amber, Red & Blue in All Flash Patterns ..... Passed

Flash Characteristics -
SAE J595 & J845 - FP1, FP3-FP6 ..... Passed

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.  
X75 Series LED Lightbars (SAE W WS3)



Photometry Sample Example