



INDUSTRIAL TESTING LABORATORY

CERTIFICATE OF COMPLIANCE

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

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 onlyPassed
SAE J595 MAR14 Class 2(SAE W-2)
6x1 LED Module - Front/Rear/Side Directions
White - FP3 & FP6Passed
SAE J595 MAR14 Class 1(SAE W-1)
6x1 LED Module - Diagonal Directions
Amber, Red & Blue - All FPs, White FP1, FP4 & FP5 onlyPassed
SAE J845 JUN2013 Class 1 [SAE WS3-1(180)]
Endcap Modules - Hemispherical Coverage 180°
White, Amber, Red & Blue in All Flash PatternsPassed
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.
X75 Series LED Lightbars (SAE W WS3)



Photometry Sample Example