

FT-AQX NFPA 13.10.1.2 Compliance Statement

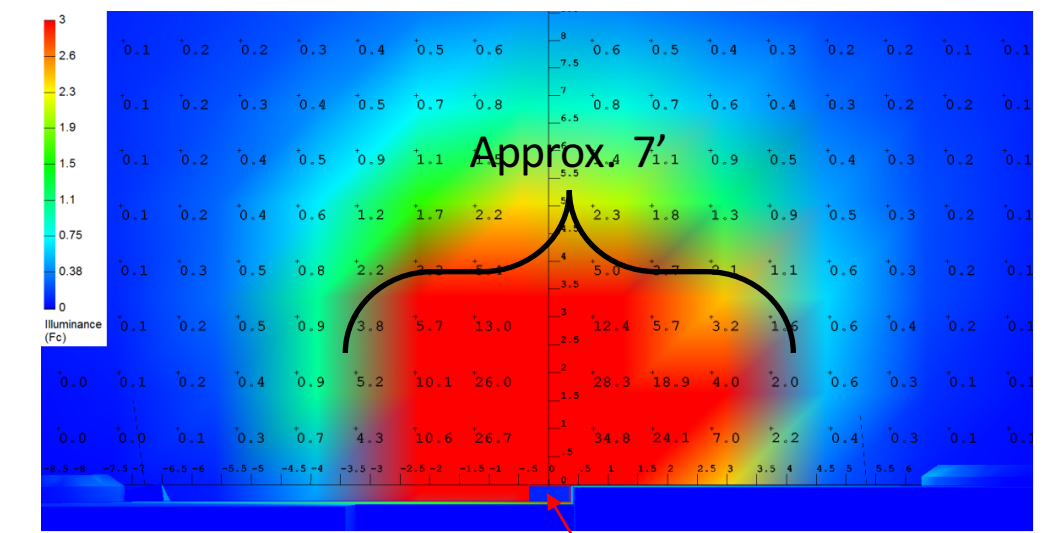
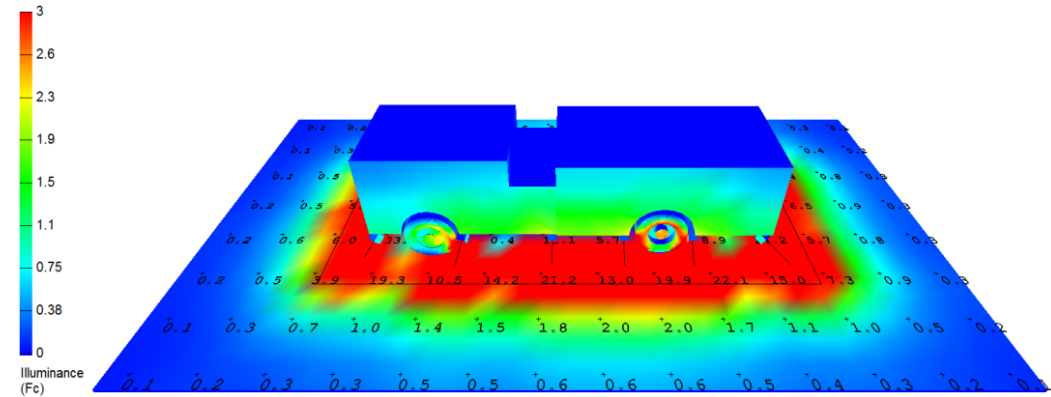
Specification from NFPA 1901

13.10.1.2

The fire apparatus shall be equipped with lighting that is capable of providing illumination at a minimum level of 2 fc (20 lx) on ground areas within 30 in. (800mm) of the edge of the apparatus in areas designed for personnel to climb onto the apparatus or decent from the apparatus to the ground level.

Interpretation of information:

Using the IES data collected after photometric testing in a goniophotometer, it can be determined that the FT-AQX fixture, when mounted underneath a fire apparatus 18" from the ground, angled downward at an angle of 58° with a mounting plane perpendicular to the direction of travel of the apparatus, illuminates an area 3.5' to the left, and 3.5' to the right to a value greater than 2 fc. Each fixture mounted in this way will produce a compliant illumination zone of approximately 7 linier feet.



Project Name: *FT-AQX NFPA 13.10.1.2 Compliance Statement*

Drawing Specifications: *Refer to NFPA 1901.*

Lights Used

FT-AQX. Drawing # VXA-165-01-000

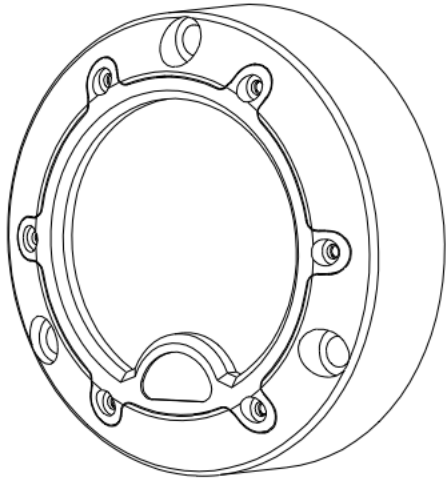
Date

10/1/16

Sign

SM

FT-AQX NFPA 13.10.1.2 Compliance Statement



[SPECIFICATION]

1. OPERATING VOLTAGE : DC 9V ~ 32V
2. WATTAGE : 22W
3. LED : XP-E2 (CREE) X 6EA
4. LUMINOUS FLUX : -, (lm)
5. LENS : ACRYLIC
6. WEIGHT : 570 (g)
7. VIBRATION : 8.7 (Gms)
8. WEATHER PROOF & DUST RESISTANCE
9. TEMPERATURE : -40 °C ~ 85°C
10. LIFE : 50,000 (Hr)
11. IP RATING : IP68/69K



Project Name: *FT-AQX NFPA 13.10.1.2 Compliance Statement*

Drawing Specifications: *Refer to NFPA 1901.*

Lights Used

FT-AQX. Drawing # VXA-165-01-000

Date

10/1/16

Sign

SM