

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

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MAY 16 500 P 2007

Ms. Jody Sturtze
Tideland Signal Corporation
PO Box 52430
Houston, TX 77052-2430


Dear Ms. Sturtze:

This is in response to your letters of April 4, 2007, and May 9, 2007, requesting approval of your MLED-155 millimeter (mm) lantern using the MaxiHalo-60LED for use on Class A, B and C structures in District 8 waters.

You are authorized to identify the white MLED-155mm using the MaxiHalo-60LED as being "U. S. Coast Guard Approved" for Class "A", "B" and "C" structures when operated under the jurisdiction of the 8th Coast Guard District. This approval is based on test data provided in your reports as well as the discussion below:

The white MLED-155mm lantern using the MaxiHalo-60LED operating with a Quick flash rhythm (0.3 seconds ON) at an input power of 6.28 watts will provide a minimum effective intensity of 164 candela satisfying the requirements of 125 candela for class "A" structures. The white MLED-155mm using the MaxiHalo-60LED operating with a Quick flash rhythm (0.3 seconds ON) with an input power of 1.03 watts will provide a minimum effective intensity of 26 candela satisfying the requirements of 25 candela for use on class "B" structures. The white MLED-155mm using the MaxiHalo-60LED operating with a Quick flash rhythm (0.3 seconds ON) with an input power of 0.37 watts will provide a minimum effective intensity of 7 candela satisfying the requirements of 1 candela for use on class "C" structures. The red MLED-155mm using the MaxiHalo-60LED operating with a Quick flash rhythm (0.3 seconds ON) with an input power of 0.40 watts will provide a minimum effective intensity of 7 candela satisfying the requirements of 1 candela for use on class "C" structures.

Sincerely,


J. J. ARENSTAM
Commander, U. S. Coast Guard
Chief, Visual Navigation Division
By direction

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant (CG-54131)
United States Coast Guard

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16500

JUL 8 2008

Ms. Jody Sturtz
Tideland Signal Corporation
PO Box 52430
Houston, TX 77052-2430

Dear Ms. Strutz:

This is in response to your letter of June 17, 2008 requesting approval of your MLED-300 lantern utilizing the MaxiHalo-60 LED for use on Class "A" structures in the 8th Coast Guard District.

You are authorized to identify the white MLED-300 lantern utilizing the MaxiHalo-60 LED operating at an input power of 3.4 watts as being "U. S. Coast Guard Approved" for Class "A" structures when operated under the jurisdiction of the 8th Coast Guard District. This approval is based on test data provided in your report as well as the discussion below:

The white MLED-300 lantern utilizing the MaxiHalo-60 LED operating at an input power of 3.4 watts with a Quick flash rhythm (0.3 seconds ON) will provide a minimum effective intensity of 168.9 candelas, satisfying the requirements of 125 candelas for class "A" structures.

Sincerely,

A handwritten signature in black ink, appearing to read "E S Anderson".

E. S. ANDERSON
Commander, U. S. Coast Guard
Chief, Visual Navigation Branch
By direction