



## INDEPENDENT PRODUCT TESTING

### LASERGLOW EXCEEDS THE PHOTOLUMINESCENT STANDARDS FOR:

**MEA Certified # 203-08-M, per the new and more stringent MEA regulations.**

#### DIN 67 510 Parts 1-4 -Photoluminescent escape route systems

Excitation of 1000 lux for 5 minutes. At 10 minutes afterglow should be 20 mcd/m<sup>2</sup>, 60 minutes 2.8 mcd/m<sup>2</sup>, and after 340 minutes 0.32 mcd/m<sup>2</sup>. Photoluminescent escape route systems.

LaserGlow's afterglow luminance (mcd/m<sup>2</sup>) as compared to the Danish Standard.

Time to decrease to 0.3mcd/m<sup>2</sup> min.

Time (Minutes)	LaserGlow: .015	DIN Standard
10	✓ 129	20
60	✓ 16.6	2.8

Afterglow (mcd/m <sup>2</sup> )	LaserGlow: .015	DIN Standard
.3	✓ 1162 minutes (19.36 hours)	340 minutes (5.66 hours)

#### The International Marine Organization (IMO) Standard

Excitation: Fluorescent lamp 25 lux, 24 hours (color temperature 3000K). Dealing with Photoluminescent markings on passenger ships carrying more than 35 passengers, readings are as follows:

LaserGlow's afterglow luminance (mcd/m<sup>2</sup>) as compared to the IMO Standard.

Time (Minutes)	LaserGlow: .015	IMO Standard
1	✓ 65.6	-
5	✓ 39.4	-
10	✓ 28	15
15	✓ 22.1	-
20	✓ 18.4	-
30	✓ 13.9	-
40	✓ 11.2	-
50	✓ 9.4	-
60	✓ 8.1	2

#### New York City (NYC) Local Law 26 of 2004 in accordance with ISO 17398

Excitation of 21.6 lux for 120 minutes. All commercial high-rise buildings over 75 feet tall.

LaserGlow's afterglow luminance (mcd/m<sup>2</sup>) as compared to the New York Standard.

Time (Minutes)	LaserGlow: .015	New York Standard
10	✓ 37.6	30
60	✓ 8.8	7
90	✓ 5.7	5

✓ = LaserGlow Exceeds Photoluminescent Standards

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