



Nightlites Glow meets or exceeds the Photoluminescent standards for:

Danish Standard

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/m², 60 minutes 2.8 mcd/m², and after 340 minutes 0.32 mcd/m². *Nightlites Glow's afterglow luminance (mcd/m²) as compared to the Danish Standard.*

Time to decrease to 0.3mcd/m² min

Time (Minutes)	IPI Glow: .015	DIN Standard	Afterglow (mcd/m ²)	IPI Glow: .015	DIN Standard
10	★ 129	20	.3	★ 1162 minutes (19.36 hours)	340 minutes 5.66 hours
60	★ 16.6	2.8			

New York City (NYC) Local Law 26

New York City (NYC) Local Law 26 of 2004 in accordance with ISO 17398. All commercial high-rise buildings over 75 feet tall. Excitation of 21.6 lux for 120 minutes.

Time (Minutes)	IPI Glow: .015	New York Standard
10	★ 37.6	30
60	★ 8.8	7
90	★ 5.7	5

International Marine Organization (IMO) Standard

The International Marine Organization (IMO) standard; dealing with Photoluminescent markings on passenger ships carrying more than 35 passengers readings are as follows:

Excitation: Fluorescent lamp 25 lx, 24 hours (color temperature 3000K)

Time (Minutes)	IPI Glow: .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

★ = Exceeds Photoluminescent Standards

Materials You Can't Miss in the Dark!



THE SPOTLIGHT SERIES

Exterior

THE LASER SHOP - NIGHTLITES

These new and improved nightlite glow products are constructed from a non-radioactive chemical light source and are specially engineered from a flexible acrylic substrate that glows in total darkness after exposure to light.

Exceeds all documented glow standards for building and architectural sign applications.

Surface Color / Letter Color	Matte	Gloss
REVERSE ENGRAVABLE		
Glow/Clear	NTC-100M	
LASERTHIN GLOW (.020" - 1 PLY) WITH ADHESIVE		
	NT-1050-12/ADH	
FRONT ENGRAVABLE		
Black / Glow	NT-1001	
Spectrum Red / Glow	NT-1003	
Navy Blue / Glow	NT-1009	
Teal / Glow	NT-1042	
Plum / Glow	NT-1047	
Gold / Glow		NT-1092
Deep Charcoal Gold Fleck Marble / Glow		NT-1202F
Verde Green Gold Fleck Marble / Glow		NT-1204F

OSHA ACRYFIL PAINT COLORS

IPI now Offers OSHA Safety Paint Colors.

The colors included in the kit are: Safety Red, Safety Blue, Safety Green Safety Orange, Safety Yellow, and Safety Purple.



The special polymer acrylic was developed for use specifically with IPI's reverse engraveable materials. Applies smoothly and easily, is self-sealing, non-toxic, and water-based. Mix paints to create custom colors.

Kits available: OSHA Safety, Primary, Designer, and Combo.

MATERIAL SPECIFICATIONS

- MATERIAL:** Laminated impact acrylic
- SHEET SIZE:** 24" x 24"
- USAGE:** Interior/Exterior Signage
- CUTTER:** Laser Engrave (NIGHTLITES front surface only.) Rotating Carbide
- GAUGE:** NIGHTLITES front and reverse gauge is .060".
NIGHTLITES LaserThin Glow 1-ply w/ adhesive is .020"
- CUTTING DEPTH:** NIGHTLITES front surface only: .003"
NIGHTLITES reverse surface only: .022"
- FABRICATION:** Laser; Saws, Drills; Heat bendable
- OTHER FEATURES:** Bonds; Hot stamp; Silkscreens;
NIGHTLITES front surface only



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