spi

SafeLite®

Elevating Protection, Securing Tomorrow.

For compliance with CODE and UL assembly listings. Provides fire, sound blocking and energy savings.

U.S. Patent Registration Number: 7,627,999 B2

Applications

Fire

UL Certified SafeLite provides up to 3 hour protection for recessed fixtures including lights, speakers, exhaust fans and combination units.

Sound Blocking

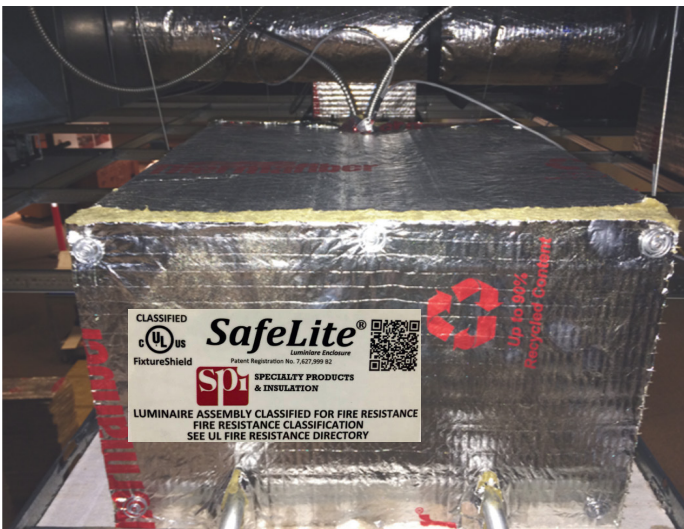SafeLite blocks and absorbs sound transmission from adjacent spaces to improve privacy and concentration.

Energy Savings

SafeLite's R Value of 5.25 conserves energy during heating and cooling seasons, reducing greenhouse gas emissions.

Marine

Certified to IMO FTP Code, SafeLite can provide up to an A60 fire rating, sound blocking and improve heating and cooling system efficiency.

SafeLite is available to accommodate a variety of recessed fixture types and sizes. Fixture applications include lights, speakers, exhaust fans and combination units per UL listings and Code requirements.

Fixture listing sizes include small can lights or high hats, and troffer sizes: 24' x 24', 24' x 48'. 12' x 48' x 20" x 60" and custom sizes. SafeLite is fabricated from high-temperature, noncombustible, Class A (25/0) rated, rigid mineral wool board. The 1-1/4" thick covers are supplied with a robust foil facing for enhanced handling and installed durability. Covers are grooved to effortlessly fold into a fitted enclosure to accommodate fixture dimensions as well as fixture air space requirements (i.e. Non-IC rated fixtures). SafeLite covers are supplied with insulation pins and locking washers to secure the cover to the fixture.

SafeLite®

Additional Benefits:

- ✓ The lightweight (-7 pounds for a 2' x 2' light fixture) construction is a quick and easy to install saving considerable labor time and expense.

- ✓ The rigid enclosure and securing fasteners provides a durable system that stays in place.

- ✓ SafeLite's 25/0 Flame Spread and Smoke Development complies with CODE requirements for return air plenum space.

- ✓ Covers slit easily to accommodate suspension wires and power cable without power disconnects, eliminating lighting disruptions and reducing installation costs.

- ✓ Cover standoff pins maintain any fixture required air space, i.e. Non-IC rated light fixtures.

- ✓ SafeLite insulation board is made from natural materials having a minimum recycled content of 70% and contributes to LEED credits.

Specifications:

Standard Fixture Profile Dimensions

SafeLite mineral wool properties:

Maximum service temperature 1200 °F
Melt point   >2000° F

Thermal Resistance:
ASTM C 518, K=0.24   (R value 5.25 @1-1/4" thick)

Fire Performance

ASTM E 136 Behavior of Materials at 750° C (1382°F), Non-combustible

CAN/ULC S114, Non-combustible

ASTM E 84 Surface Burning Characteristics, Flame Spread 25, Smoke Developed 0

CAN/ULC S102, Flame Speed 25, Smoke Developed 0

SafeLite is classified by Underwriters Laboratories, Inc. for use in the fire rated floor and roof-ceiling designs listed:

Floor-Ceiling Designs: Design Nos. D010, D216, D219, G234, G258, G523, G526, J202 & L006
Roof-Ceiling Designs: Design Nos. P207, P228, P230 ,P237 & P267

Acoustical Performance:
ASTM C 423   NRC - 1.00 at 2" thick
ASTM E 336   STC = 11 at 1" thick
ASTM E 1414 CAC-Two Room Transmission Loss, AL 20 (TM 418)
1. A high performance ceiling no light fixtures, CAC 44.
2. The same ceiling with 2-2x4 light fixtures, CAC 41.
3. The same ceiling with SafeLite on the 2x4 light fixtures, CAC 45 (A 4db improvement over unprotected lights)
   Note: A 3db (decibel) change sounds half as loud as the original noise.

CERTIFIED   MADE IN USA   c(UL)us LISTED   intertek   1408/12

SafeLite®

Order Form

Date: _____   P.O. #: _____

Company : _____   Phone: _____

Contact: _____   Date Required: _____

Project Name & Location: _____

Ship to Location: _____

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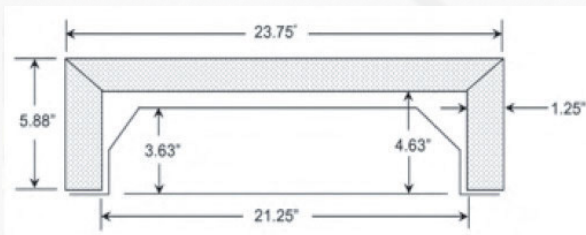Floor-Ceiling Designs: Design Nos. D010, D216, D219, G234, G258, G523, G526, J202 & L006
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Standard Light Fixture Quantity		CANS and Non Standard Fixture			
2'x4'	2'x2'	Required Inside Cover Dimensions			Quantity
		L"	W"	H"	N.A.

Standard Fixture Profile Dimensions

Notes:
- When ordering can light or non standard covers provide accurate fixture dimensions. Include specific manufacturer required air space clearance for non IC rated lights to ensure correct SafeLite sizing.

- Typical lead time 7-10 days ARO.

- It is the installer's responsibility to review specific U.L. ceiling design.