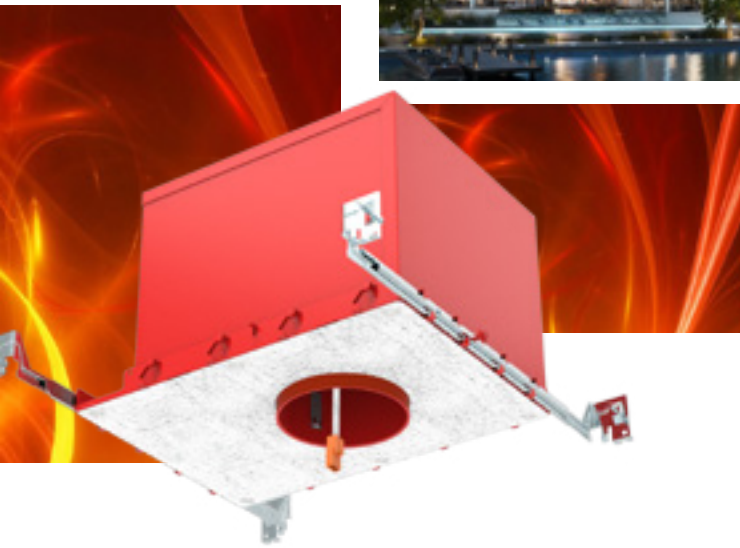


HIGH-END DIE-CASTING NEW CONSTRUCTION FIRE RATED IC AIRTIGHT LED DOWNLIGHT HOUSING

Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums.



Liteharbor Lighting Fire-Rated Downlight is fully-assembled, easy to install, and lightweight (installers can easily carry six-packs into and throughout any job-site). Our fire rated downlight housing is designed to meet today's one or two-hour fire-rated IC & Non-IC codes for high-rise condominiums, apartment buildings, multi-family residences, hotels, hospitalities, assisted living homes, health care and hospitals. Don't take chances with the lives of your residents, guests, or tenants in any multi-story environment. Use Liteharbor fire rated downlight now to insure safety and save lives.



FIRE-RATED RECESSED LIGHTING SOLUTION AT ITS BEST

The assemblies in which it is approved for use without any additional installation effort. The effort necessary to install the Liteharbor Luminaire is comparable to the effort required to install a standard recessed light fixture. When a standard recessed light fixture is installed through the membrane of a fire resistance rated floor/ceiling or roof/ceiling assembly, additional measures must be taken to ensure that the integrity of the fire resistance rated assembly is maintained. This protection typically involves the construction of a 5-sided gypsum board enclosure behind/around the recessed fixture. The construction of these enclosures is often cumbersome and requires coordination between the drywall contractor and the electrician. The depth of the floor/ceiling system must sometimes be adjusted to accommodate the construction of these additional enclosure. The extra time and labor effort to construct enclosures at all recessed light fixtures throughout an entire project can be avoided by the use of the Liteharbor Luminaire.

Liteharbor Lighting's ground-breaking fire rated downlight design will stop the transfer of flames and heat. Our product will help contain fire for one or two hours, based on installation type and ceiling design. As easy to install as any standard recessed housing, Liteharbor fire rated downlight lets you leave all additional joint tape, hats, gaskets, other hardware, and caulk behind.

2-HOUR FIRE-RATED RECESSED LIGHTING LUMINAIRE





REST EASY WITH FIRE RATED DOWNLIGHT

www.liteharbor.com

Liteharbor's patent-pending technology responds immediately to rising temperatures by expanding up to eighty times without compromise or constraint. It is designed to completely seal the back of the can and ensure that heat and flames will not transfer through the ceiling and move to the next floor or other rooms. Available with an LED, Compact Fluorescent, or Incandescent light source. Manufactured with ultra lightweight materials, it is the newest and best application for any environment where safety is paramount. Fire resistance rated construction is required by the IBC for a variety of different situations. Occupancy that include residential type sleeping accommodations (Use Groups R-1, R-2, R-3, R-4 & I-1) are always required to be provided with fire resistance rated separations between individual dwelling/sleeping units.

Four different apertures:

3^{INCH}

Aperture

4^{INCH}

Aperture

5^{INCH}

Aperture

6^{INCH}

Aperture



SAVING TIME

Fire rated downlight is a self-contained 1 or 2 Hour Fire-Rated Luminaire. Factory manufactured, is tested at Intertek Testing Services in accordance with ASTM E119 for typical multi-family unit drywall ceilings, wood joists, and deck assembly construction.



ENERGY STAR

Fixture is compatible with Elite Lighting Energy Star listed retrofit LEDs and self-ballast fluorescent lamps. Consult The Energy Star website for the most updated list of qualified lights.

What Is A Fire Rated Downlight?

When faced with the task of choosing recessed downlights for your home or business, one of the first questions you maybe asked is; do you want fire rated on non-fire rated downlights?

When a hole is cut into a ceiling to mount a recessed downlight into, a potential fire hazard is created. Plaster board ceilings (for example) have a natural ability to act as a fire barrier. In any building where people maybe living or inhabiting above, the ceiling below must be fire rated. Fire rated downlights are used to restore the fire integrity of a ceiling.

In the event of a fire, the downlight hole is like a gateway that allows fire to spread through, unchallenged. Once the fire starts to spread through this hole it has direct access to the adjoining structure, usually made from wooden ceiling joists. Fire rated downlights seal off the hole and slow down the spread of fire. Modern fire rated downlights are fitted with an intumescent pad which swells up when it reaches a certain temperature and blocks the spread of fire. The fire then has to find another way around - delaying its progress.

This delay allows occupants to escape the building or ideally allows additional time for the fire to be extinguished. You will notice that some fire rated downlights are rated at 30, 60 or 90 minutes. This rating depends on the structure of the building and more importantly how many floors it has. The top floor of a block of flats for example would require a 90 or possibly 120 minute fire rating, whilst a ceiling in the bottom floor of a house would be 30 or 60 minutes.

If you cut into a ceiling you must restore it to its original condition and not interfere with its natural ability to act as a fire barrier. Surface mounted downlights don't need a fire rating, only recessed downlights have this requirement.

Does Every Downlight Have To Be Fire Rated?

Downlights should be fire rated to protect people on the floors above and aid evacuation. Slowing the spread of fire makes escape easier for all concerned and reduces risk of harm from falling debris.

You can use a standard downlight with a fire hood, but this often ends up being more expensive.

The Electrical Safety Council (ESC) recommends that fire rated options should be used in all buildings even though fire resistant downlights aren't legally needed under a roof void (e.g. An empty loft).

LITEHARBOR PRODUCT SPECIFICATIONS

FEATURES

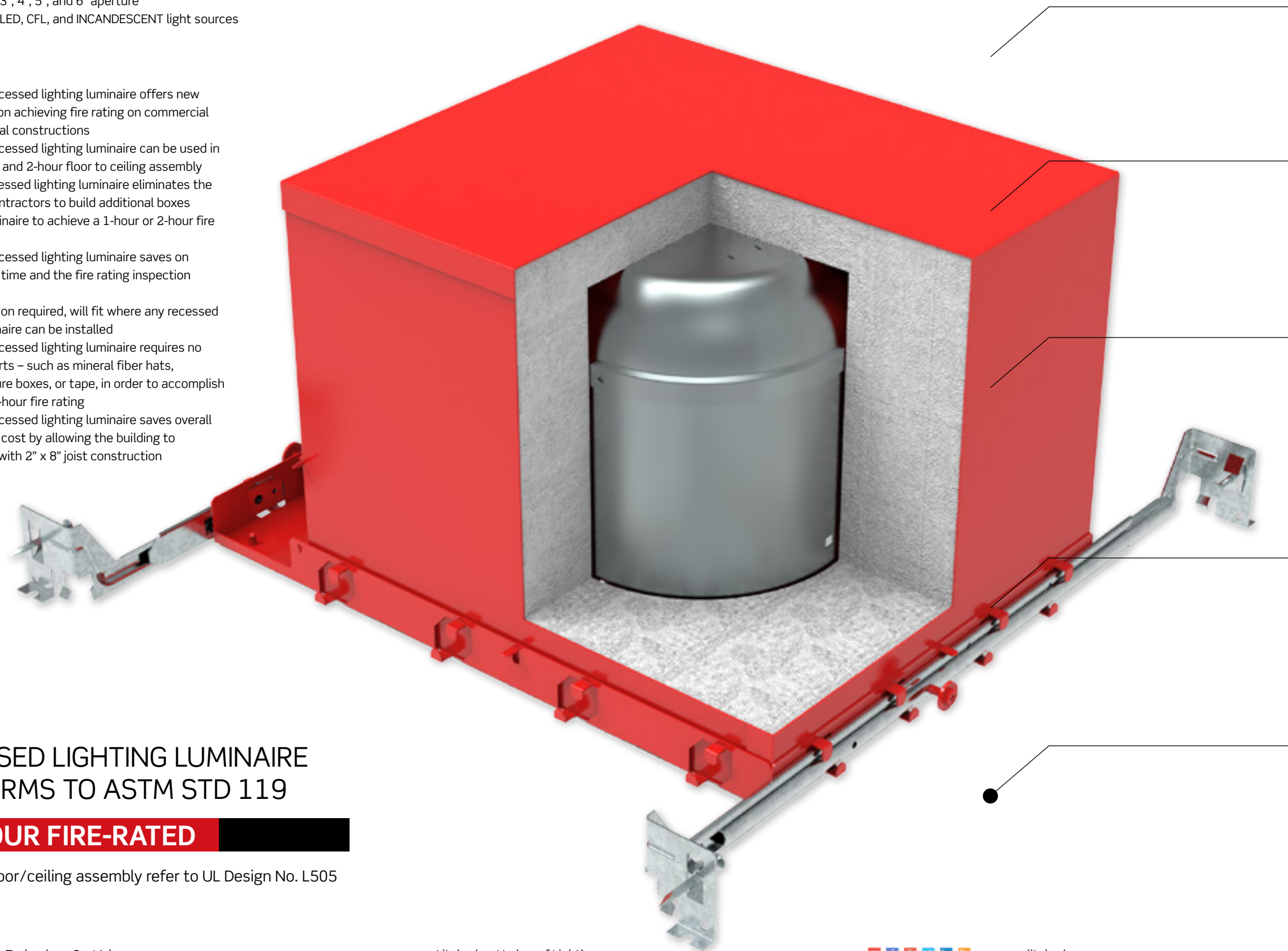
- 1-hour or 2-hour fire-rated recessed luminaire
- 1 recessed Lighting Luminaire conforms to 2-hour fire rating
- Prevents flames and smoke from passing through the light fixture and spreading throughout floor above
- Available in a 3", 4", 5", and 6" aperture
- Available in a LED, CFL, and INCANDESCENT light sources

BENEFITS

- Liteharbor recessed lighting luminaire offers new alternatives on achieving fire rating on commercial and residential constructions
- Liteharbor recessed lighting luminaire can be used in either 1-hour and 2-hour floor to ceiling assembly
- Liteharbor recessed lighting luminaire eliminates the use of subcontractors to build additional boxes around a luminaire to achieve a 1-hour or 2-hour fire rating
- Liteharbor recessed lighting luminaire saves on construction time and the fire rating inspection process
- No modification required, will fit where any recessed lighting luminaire can be installed
- Liteharbor recessed lighting luminaire requires no additional parts – such as mineral fiber hats, steel enclosure boxes, or tape, in order to accomplish a 1-hour or 2-hour fire rating
- Liteharbor recessed lighting luminaire saves overall construction cost by allowing the building to be designed with 2" x 8" joist construction

LISTING

- ITS/ETL rated recessed luminaire is 1-HOUR FIRE-RATED for fire-rated floor/ceiling assembly refer to UL Design No. L500 & P500 and 2-HOUR FIRE-RATED for fire-rated floor/ceiling assembly refer to UL Design No. L505
- Housing is IC-rated for direct contact with insulation and can be used in IC and Non-IC applications. Designed to be installed in 2" x 8" joist construction



HOUSING

High temperature painted 22 gauge cold-rolled steel construction for maximum heat dissipation and rust protection.

CEILING THICKNESSES

Adjusts vertically in plaster frame to accommodate 1/2" to 1 -3/4" ceiling. This includes ceiling constructions of all 1 hour and 2 hour fire-rated assemblies.

BAR HANGERS

Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and contain a double-headed nail for secure attachment to the joists.

SEALS FROM THE INSIDE OUT

The inner assembly reacts strongly to high temperatures (428°F/220°C and above) and swells to a solid dense mass filling the entire luminaire cavity.

FIRE PROTECTION PERFORMANCE

As the fire intensifies, a protection disk seals off the bottom opening of the housing and stops the fire from passing through the fixture.

RECESSED LIGHTING LUMINAIRE CONFORMS TO ASTM STD 119

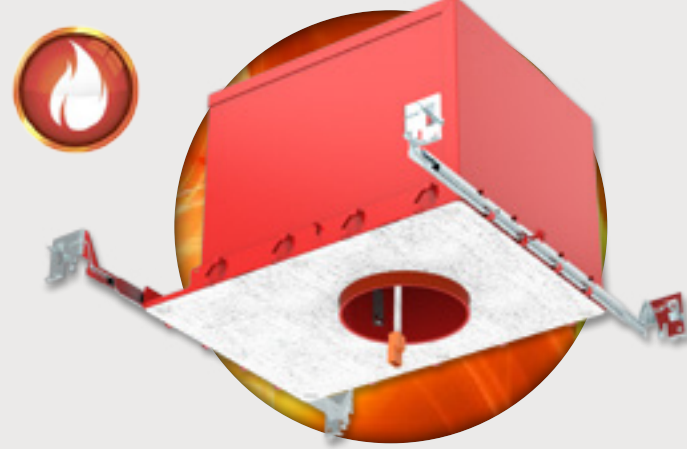
2-HOUR FIRE-RATED

Fire-rated floor/ceiling assembly refer to UL Design No. L505

SAVE CONSTRUCTION COSTS BY REDUCING LABOR AND COMPLETING CONSTRUCTION FASTER

REDUCED TOTAL CONSTRUCTION COST BY REDUCING WOOD/FLOOR FRAMING SYSTEM COST

FIRE SHIELD BENEFITS



PLACING A FIRE-RATED ENCLOSURE COVER ON TOP OF A RECESSED HOUSING



INSTALLING A DRYWALL BOX AROUND A RECESSED HOUSING



INSTALLING A METAL BOX AROUND A RECESSED HOUSING



✓ **The Liteharbor Luminaire can help to simplify the design and construction of membrane-protected fire resistance rated floor/ceiling and roof/ceiling assemblies in a number of different occupancy and construction types.**

✓ Once Liteharbor recessed luminaire is installed, nothing else is required.

✓ Liteharbor recessed luminaire can be used in either a 1 hour or 2 hour floor to ceiling assembly.

✓ Liteharbor recessed luminaire housings can be installed in close proximity to each other and to the wall in order to get desired lighting effects, thus design is not limited because of the housing size and/or Fire-rated box sizes.

✓ Liteharbor recessed luminaire is IC rated for direct contact with insulation and can be used in IC and Non-IC applications, and does not require any additional clearance. May be installed in 2" x 8" joist construction, resulting in cost savings of up to 52% in wood joist construction costs.

✓ Pre installed bar hangers allow housing to be positioned and locked at any point within a 24" joist span.

✓ No other materials required.

✓ ETL listed for through-branch circuit wiring and designed, for straight through conduit runs.

When using the fire-rated recessed enclosure, recessed housing must be installed first. Once the recessed housing is installed and electrical inspection has passed, then an additional fire-rated enclosure needs to be installed on top of the existing recessed housing to convert to a fire rating, causing additional labor, material costs, and a delay in final inspection of electrical work for recessed lighting installation.

The type of fire-rated enclosure is different for a 1-hour or 2-hour fire rating.

Due to the size of the enclosure, housings cannot be installed in close proximity to each other and cannot be installed close to the wall. They can only be installed in the long axis, limiting the desired lighting effects and requiring additional clearance.

Installing a fire-rated enclosure on top of a recessed light requires additional space, therefore, not allowing standard 2" x 8" wood joist construction and requiring larger joist construction such as 2" x 10" or 2" x 12", which increases the cost of wood joist construction by 35-52%.

Using a fire-rated recessed enclosure risks movement and misplacement in the course of construction.

Requires additional materials, such as caulk, gaskets, and joint tape.

Additional costs and labor is required when daisy chaining and connecting one fixture to another.

When using the fire-rated recessed enclosure, recessed housing must be installed first. Once the recessed housing is installed and electrical inspection has passed, then the additional drywall subcontractors must build a fire-rated enclosure out of drywall around the existing recessed housing to convert to a fire-rated recessed luminaire, causing additional labor, material costs and a delay in final inspection of electrical work for recessed lighting installation.

The amount of layers of the drywall box depends on a 1-hour or 2-hour fire rating.

Due to the size of the enclosure, housings cannot be installed in close proximity to each other and cannot be installed close to the wall. They can only be installed in the long axis, limiting the desired lighting effects and requiring additional clearance.

Installing a fire-rated drywall box on top of a recessed light requires additional space, therefore, not allowing standard 2" x 8" wood joist construction, and requiring larger joist construction such as 2" x 10" or 2" x 12", which increases the cost of wood joist construction by 35-52%.

Requires multiple subcontractors, resulting in added labor costs and potential scheduling conflicts.

Requires additional materials, such as caulk, gaskets, and joint tape.

Additional costs and labor is required when daisy chaining and connecting one fixture to another.

When using the fire-rated recessed enclosure, recessed housing must be installed first. Once the recessed housing is installed and electrical inspection has passed, then an additional fire-rated enclosure needs to be installed on top of the existing recessed housing to convert to a fire rating, causing additional labor, material costs, and a delay in final inspection of electrical work for recessed lighting installation.

Only available for 1 hour fire-rating

Due to the size of the enclosure, housings cannot be installed in close proximity to each other and cannot be installed close to the wall. They can only be installed in the long axis, limiting the desired lighting effects and requiring additional clearance.

Installing a fire-rated metal enclosure on top of a recessed light requires additional space, therefore, not allowing standard 2" x 8" wood joist construction, and requiring larger joist construction such as 2" x 10" or 2" x 12", which increases the cost of wood joist construction by 35-52%.

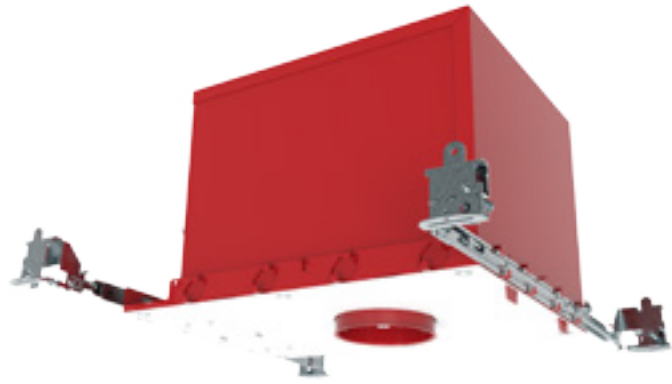
Using a fire-rated recessed enclosure risks movement and misplacement in the course of construction.

Requires additional materials, such as caulk, gaskets, and joint tape.

Additional costs and labor required when daisy chaining and connecting one fixture to another.

3" NEW CONSTRUCTION FIRE & SOUND RATED IC AIRTIGHT DOWNLIGHT HOUSING

A3-IA-F

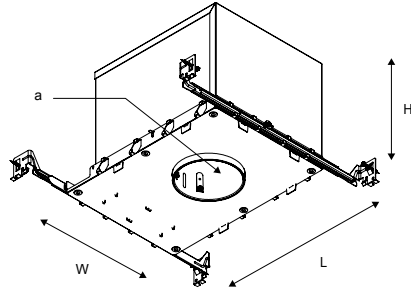


Retrofit Type	Voltage	Frequency	Dimming
GU10 Bulb	120V AC/ 277V AC	50/60 Hz	TRIAC/ ELV/ NONE
MR16 Bulb			
PAR16 Bulb			

*Please contact Liteharbor for details.

DIMENSIONS

- L: 12 19/32"
- W: 9 1/16"
- H: 7 3/4"
- a: 3 7/32"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

DESCRIPTION

This is a 3" fire and sound rated downlight housing, suitable for a variety of light such as LEDs and incandescent, it can be fitted to a wide range of 3 inch retrofit stands. Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The ETL listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications. Ceiling thickness: 1/2" up to 1 1/4". Suitable for wet locations.

HOUSING

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover. Non-combustible matt insulation.

JUNCTION BOX

4 in 4 out galvanized steel junction box.

BAR HANGER

Pre-installed adjustable bar hangers engineered to accommodate lumber, laminated beams and T-bar.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.

LISTING/ WARRANTY

ETL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, up to 2hour fire rated. 3 Year Limited Warranty.



3" NEW CONSTRUCTION FIRE & SOUND RATED IC AIRTIGHT DOWNLIGHT HOUSING



Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- B3001
- B3002
- B3006
- B3007
- B3802
- B3008
- BS3002
- B3011
- BS3001
- BS3007

For more choice, please contact us.



B3002



B3006



B3007



B3011



FLUSH MOUNT



HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING	WIRING TYPE
<input type="radio"/> A3-IA-F Fire rated Downlight Housing	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours	<input type="radio"/> GU10 Socket <input type="radio"/> GU5.3 Socket <input type="radio"/> E26 Socket

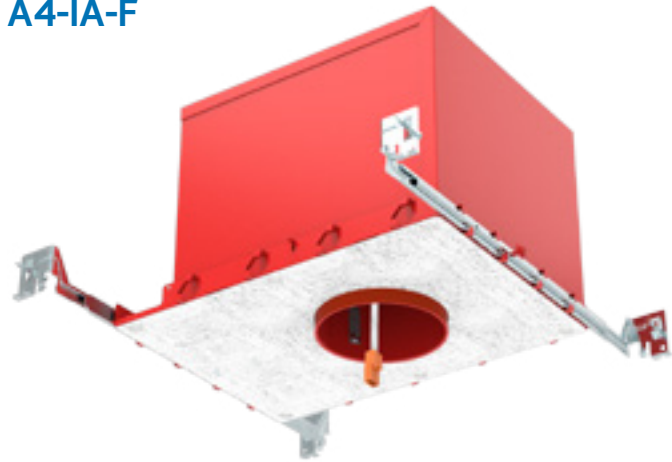
LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	CRI	FINISH	DIMMING
<input type="radio"/> GU10 Bulb <input type="radio"/> MR16 Bulb <input type="radio"/> PAR16 Bulb	<input type="radio"/> 80+ <input type="radio"/> 90+	<input type="radio"/> White <input type="radio"/> Black <input type="radio"/> Satin Nickel	<input type="radio"/> Non-Dimming <input type="radio"/> TRIAC <input type="radio"/> ELV

* Customized Also Available

4" NEW CONSTRUCTION FIRE RATED IC AIRTIGHT DOWNLIGHT HOUSING

A4-IA-F

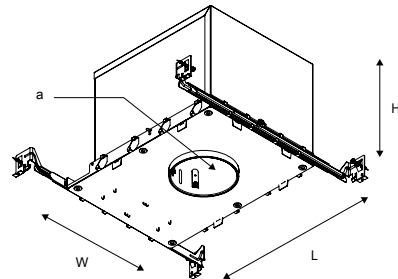


Retrofit Type	Voltage	Frequency	Dimming
4" Retrofit	120V AC/ 277V AC	50/60 Hz	TRIAC/ ELV/ NONE
GU10 Bulb			
MR16 Bulb			
PAR16/20 Bulb			

*Please contact Liteharbor for details.

DIMENSIONS

- L: 15 5/16"
- W: 9 1/16"
- H: 7 3/4"
- a: 4 5/16"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

DESCRIPTION

This is a 4" fire and sound rated downlight housing, suitable for a variety of light sources such as LEDs and incandescent, it can be fitted to a wide range of 4 inch retrofit stands. Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The cULus listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications. Ceiling thickness: 1/2" up to 1 1/4". Suitable for wet locations.

HOUSING

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover. Non-combustible matt insulation.

JUNCTION BOX

4 in 4 out galvanized steel junction box.

BAR HANGER

Pre-installed adjustable bar hangers engineered to accommodate lumber, laminated beams and T-bar.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.

LISTING/ WARRANTY

UL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, UL 263 certificated up to 2 hour fire rated. 3 Year LED Limited Warranty



HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING	WIRING TYPE
<input type="radio"/> A4-IA-F Fire rated Downlight Housing	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours	<input type="radio"/> Fast connection terminal <input type="radio"/> GU10 Socket <input type="radio"/> GU5.3 Socket <input type="radio"/> E26 Socket

LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> 4" Retrofit	<input type="radio"/> 750lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> Non-Dimming
<input type="radio"/> GU10 Bulb	<input type="radio"/> 650lm	<input type="radio"/> 90+	<input type="radio"/> Black	<input type="radio"/> TRIAC
<input type="radio"/> MR16 Bulb			<input type="radio"/> Satin Nickel	<input type="radio"/> ELV
<input type="radio"/> PAR16/20 Bulb				

* Customized Also Available

4" NEW CONSTRUCTION FIRE RATED IC AIRTIGHT DOWNLIGHT HOUSING



4" Retrofit

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- BL4-001
- BSL4-001
- BL4-001-1
- BL4-001-E
- BL4-001-E
- BL4-002
- BL4-003
- BAL4-001
- BEL4-001
- BWL4-001
- BRL4-001-SF
- BRL4-002-SF



4" Trim (GU10 Bulb/MR16 Bulb/PAR16/20 Bulb)

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- B4001
- B4002
- B4003
- B4007
- B4012
- B4301
- ...
- BD4001
- BD4002
- BD4003
- BD4004
- BD4005
- BD4007
- ...
- BS4001
- BS4002
- BS4007
- BS4301
- BS4302
- BS4401
- ...
- BDS4001
- BDS4002
- BDS4007
- BDS4301
- BDS4302
- BDS4401
- ...

For more choice, please contact us.

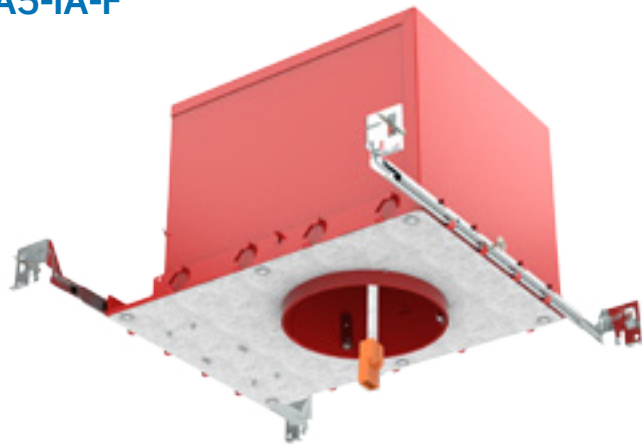


FLUSH MOUNT



5" NEW CONSTRUCTION FIRE RATED IC AIRTIGHT DOWNLIGHT HOUSING

A5-IA-F

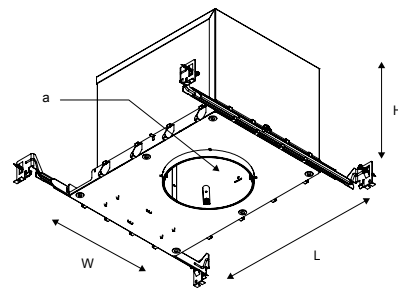


Retrofit Type	Voltage	Frequency	Dimming
5" Retrofit	120V AC/ 277V AC	50/60 Hz	TRIAC/ ELV/ NONE
PAR30 Bulb			

*Please contact Liteharbor for details.

DIMENSIONS

- L: 12 5/8"
- W: 9 1/16"
- H: 7 3/4"
- a: 5"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

DESCRIPTION

This is a 5" fire and sound rated downlight housing, suitable for a variety of light sources such as LEDs and incandescent, it can be fitted to a wide range of 5 inch retrofit stands. Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The cULus listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications. Ceiling thickness: 1/2" up to 1 1/4". Suitable for wet locations.

HOUSING

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover. Non-combustible matt insulation.

JUNCTION BOX

4 in 4 out galvanized steel junction box.

BAR HANGER

Pre-installed adjustable bar hangers engineered to accommodate lumber, laminated beams and T-bar.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.

LISTING/ WARRANTY

UL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, UL 263 certificated up to 2 hour fire rated. 3 Year LED Limited Warranty



HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING	WIRING TYPE
<input type="radio"/> A5-IA-F Fire rated Downlight Housing	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours	<input type="radio"/> Fast connection terminal <input type="radio"/> E26 Socket

LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> 5" Retrofit	<input type="radio"/> 1100lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> Non-Dimming
<input type="radio"/> PAR30	<input type="radio"/> 1250lm	<input type="radio"/> 90+	<input type="radio"/> Black <input type="radio"/> Satin Nickel	<input type="radio"/> TRIAC <input type="radio"/> ELV

* Customized Also Available

5" NEW CONSTRUCTION FIRE RATED IC AIRTIGHT DOWNLIGHT HOUSING

LED



5" Retrofit

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- BL5-003



5" Trim (PAR30 Bulb)

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- B5001
- B5002
- B5003
- B5003L
- B5007
- B5011
- B5011K
- B5021
- B5022
- B5300
- B5400
- B5500
- B5602
- B5700
- B5800

For more choice, please contact us.



FLUSH MOUNT



6" NEW CONSTRUCTION FIRE RATED IC AIRTIGHT DOWNLIGHT HOUSING

A6-IA-F

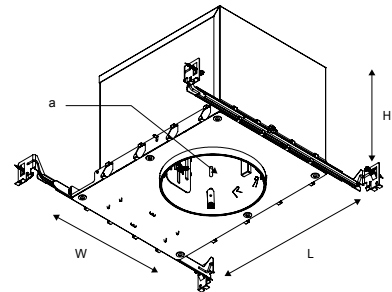


Retrofit Type	Voltage	Frequency	Dimming
6" Retrofit	120V AC/ 277V AC	50/60 Hz	TRIAC/ ELV/ NONE
PAR30 Bulb			

*Please contact Liteharbor for details.

DIMENSIONS

- L: 12 5/8"
- W: 9 1/16"
- H: 7 3/4"
- a: 6"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

DESCRIPTION

This is a 6" fire and sound rated downlight housing, suitable for a variety of light sources such as LEDs and incandescent, it can be fitted to a wide range of 6 inch retrofit stands. Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The cULus listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications. Ceiling thickness: 1/2" up to 1 1/4". Suitable for wet locations.

HOUSING

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover. Non-combustible matt insulation.

JUNCTION BOX

4 in 4 out galvanized steel junction box.

BAR HANGER

Pre-installed adjustable bar hangers engineered to accommodate lumber, laminated beams and T-bar.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.

LISTING/ WARRANTY

UL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, UL 263 certificated up to 2 hour fire rated. 3 Year LED Limited Warranty



HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING	WIRING TYPE
<input type="radio"/> A6-IA-F Fire rated Downlight Housing	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours	<input type="radio"/> Fast connection terminal <input type="radio"/> E26 Socket

LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> 6" Retrofit	<input type="radio"/> 750lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> Non-Dimming
<input type="radio"/> PAR30 Bulb	<input type="radio"/> 650lm	<input type="radio"/> 90+	<input type="radio"/> Black <input type="radio"/> Satin Nickel	<input type="radio"/> TRIAC <input type="radio"/> ELV

* Customized Also Available

6" NEW CONSTRUCTION FIRE RATED IC AIRTIGHT DOWNLIGHT HOUSING

LED



6" Retrofit

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- BL6-001
- BL6-001-1
- BL6-001-E
- BL6-001-COB
- BL6-003
- BL6-004
- BEL6-001
- BWL6-001
- BRL6-001-SF
- BRL6-002-SF



6" Trim (PAR30 Bulb)

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

- B6001
- B6001L
- B6002
- B6002L
- B6003
- B6003B
- B6007
- B6007L
- B6011
- B6012
- B6012W
- B6013
- B6016
- B6017
- B6017L
- B6021
- B6021L
- B6022
- B6026
- B6300
- B6400
- B6500
- B6700
- B6800

For more choice, please contact us.



FLUSH MOUNT





HIGH-END DIE-CASTING ALUMINUM NEW CONSTRUCTION FIRE RATED LED DOWNLIGHT HOUSING

Die-casting Aluminum 4 in 4 out ultra-thin fire rated junction box for new construction applications, it's designed for surface mount ceiling fixtures. Adapt to a variety of surface mounted lamp, such as Liteharbor's LED disk light, ceiling light, etc.

4" NEW CONSTRUCTION FIRE RATED LED DOWNLIGHT HOUSING

A4-F-0



DESCRIPTION

This is a 4 in 4 out ultra-thin new construction fire rated junction box, designed for surface mount ceiling fixtures. Cold plate housing sprayed with red powder for 2 hours fire rated. Guided-slots on each side allow the box to be easily adjusted and secured by simply loosening the screws, built-in adapter allows it to be adjusted from 1/2" up to 1 1/4". Adapt to a variety of surface mounted lamp, such as Liteharbor's LED disk light, ceiling light, etc. Suitable for wet locations.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.



Retrofit Type	Voltage	Frequency	Dimming
BL4-001 Round shape retrofit	120V AC	50/60 Hz	TRIAC/ NONE
BSL4-001 Square shape retrofit			

*Please contact Liteharbor for details.

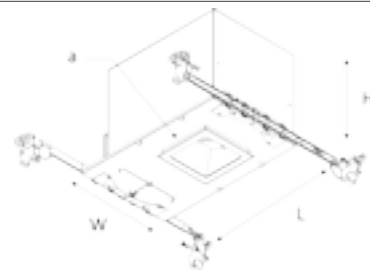
LISTING/ WARRANTY

ETL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, up to 2hour fire rated. 3 Year Limited Warranty.



DIMENSIONS

L: 12 1/16"
W: 7 1/2"
H: 7 3/4"
a: 4 1/16"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

PACKAGING: Outer Box: 76.5*68*14.5 CM 6 PCS/CTN



For more choice, please contact us.

HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING
<input type="radio"/> A4-F-S Fire rated Junction Box	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours

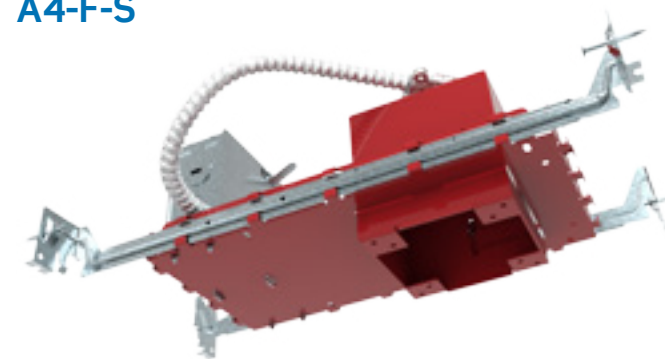
LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> BL4-003	<input type="radio"/> 750lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> TRIAC
<input type="radio"/> BL6-003		<input type="radio"/> 90+	<input type="radio"/> Black	<input type="radio"/> ELV
<input type="radio"/> BL4-003-2			<input type="radio"/> Satin Nickel	
<input type="radio"/> BL6-003-2				

* Customized Also Available

4" NEW CONSTRUCTION FIRE RATED LED DOWNLIGHT HOUSING

A4-F-S



DESCRIPTION

This is a 4 in 4 out ultra-thin new construction fire rated junction box, designed for surface mount ceiling fixtures. Cold plate housing sprayed with red powder for 2 hours fire rated. Guided-slots on each side allow the box to be easily adjusted and secured by simply loosening the screws, built-in adapter allows it to be adjusted from 1/2" up to 1 1/4". Adapt to a variety of surface mounted lamp, such as Liteharbor's LED disk light, ceiling light, etc. Suitable for wet locations.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.



Retrofit Type	Voltage	Frequency	Dimming
BL4-003	120V AC/ 277V AC	50/60 Hz	TRIAC/ NONE
BL6-003			
BL4-003-2			
BL6-003-2			

*Please contact Liteharbor for details.

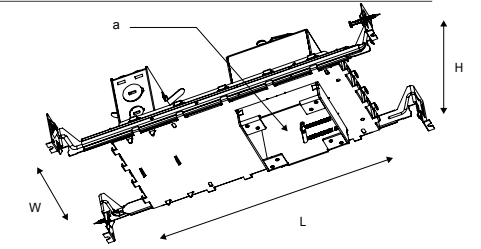
LISTING/ WARRANTY

ETL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, up to 2hour fire rated. 3 Year Limited Warranty.



DIMENSIONS

L: 10 1/2"
W: 5 3/16"
H: 3 13/16"
a: 3 3/4"x3 3/4"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

PACKAGING: Outer Box: 76.5*68*14.5 CM 6 PCS/CTN



For more choice, please contact us.

HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING
<input type="radio"/> A4-F-S Fire rated Junction Box	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours

LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> BL4-003	<input type="radio"/> 750lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> TRIAC
<input type="radio"/> BL6-003		<input type="radio"/> 90+	<input type="radio"/> Black	<input type="radio"/> ELV
<input type="radio"/> BL4-003-2			<input type="radio"/> Satin Nickel	
<input type="radio"/> BL6-003-2				

* Customized Also Available

4" CONSTRUCTION OCTAGON FIRE RATED LED DOWNLIGHT HOUSING

A4-F-OL



DESCRIPTION

This is a 4-inch octagonal lamp with fire protection for a variety of light sources such as 4-inch retrofit stands. Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The ETL listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications. Mountable ceiling thickness: 1/2" up to 1 1/4". Suitable for wet locations.

HOUSING

Using galvanized sheet, designed for high strength.

JUNCTION BOX

4 in 4 out galvanized steel junction box.

HANGER BAR

Pre-installed adjustable bar hangers engineered to accommodate lumber, laminated beams and T-bar.

RETROFIT

Can install the 4" retrofit and ceiling light.

APPLICATIONS

Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail.

LISTING/ WARRANTY

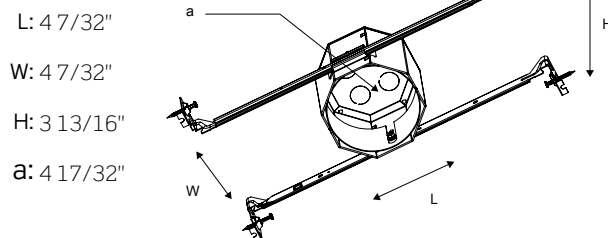
UL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, UL 263 certificated up to 2 hour fire rated. 3 Year LED Limited Warranty



Retrofit Type	Voltage	Frequency	Dimming
4" Retrofit	120V AC/ 277V AC	50/60 Hz	TRIAC/ ELV/ NONE

*Please contact Liteharbor for details.

DIMENSIONS



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION
PACKAGING: Outer Box: 76.5*68*14.5 CM 6 PCS/CTN

HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING
<input type="radio"/> A4-F-OL Fire rated Downlight Housing	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours

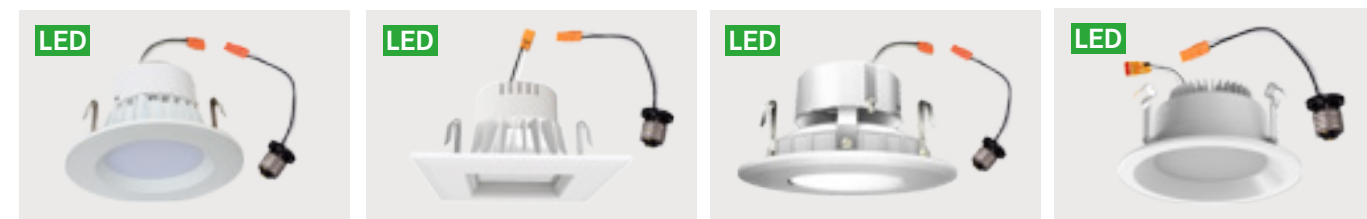
LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> 4" Retrofit	<input type="radio"/> 750lm <input type="radio"/> 650lm	<input type="radio"/> 80+ <input type="radio"/> 90+	<input type="radio"/> White <input type="radio"/> Black <input type="radio"/> Satin Nickel	<input type="radio"/> Non-Dimming <input type="radio"/> TRIAC <input type="radio"/> ELV

* Customized Also Available

4" CONSTRUCTION OCTAGON FIRE RATED LED DOWNLIGHT HOUSING

4" Retrofit



BL4-001

BSL4-001

BL4-001-E

BL4-002

Fire and sound rated housing, Up to 120 minute fire rated L500 (floor-ceiling) & P500 (roof-ceiling) design. Die formed cool steel construction. Snap on cool steel cover.

· BL4-001 · BSL4-001 · BL4-001-1 · BL4-001-E · BL4-001-E · BL4-002 · BAL4-001 · BEL4-001

For more choices, please contact us



FLUSH MOUNT



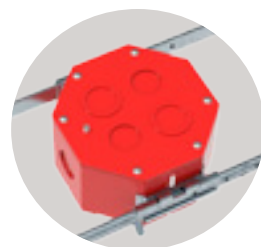
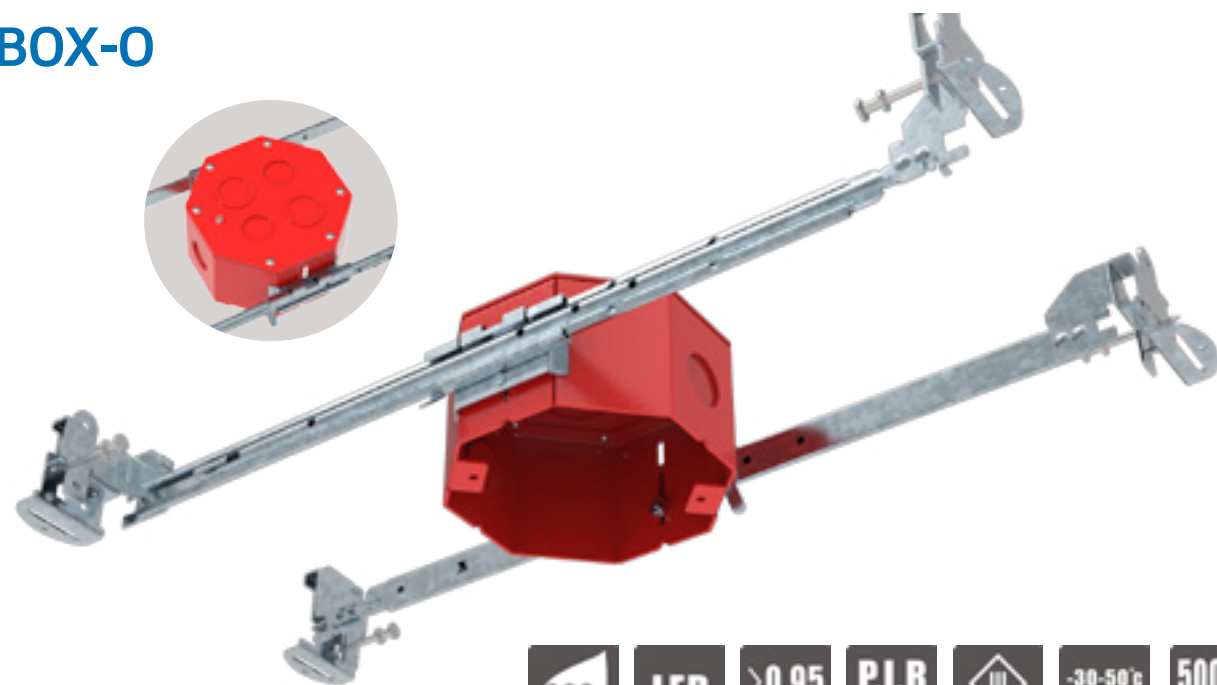


HIGH QUALITY ALUMINUM FIRE REATED JUNCTION BOX

New Construction 4 inch Octagon/Square shape lamp with fire protection for a variety of light sources such as 4-inch retrofit stands. The incombustible fiber fill also acts as sound dealing material eliminating the transfer of sound between floors. Suitable for commercial and residential applications.

NEW CONSTRUCTION OCTAGON FIRE RATED JUNCTION BOX

FJ-BOX-0



Retrofit Type	Voltage	Frequency	Dimming
BL4-003	120V AC/ 277V AC	50/60 Hz	TRIAC/ NONE
BL6-003			
BL4-003-2			
BL6-003-2			

*Please contact Liteharbor for details.

LISTING/ WARRANTY

ETL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, up to 2hour fire rated.
3 Year Limited Warranty.



DESCRIPTION

This is a 4-inch octagonal lamp with fire protection for a variety of light sources such as 4-inch retrofit stands. Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The ETL listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications.
Mountable ceiling thickness: 1/2" up to 1 1/4".
Suitable for wet locations.

APPLICATIONS

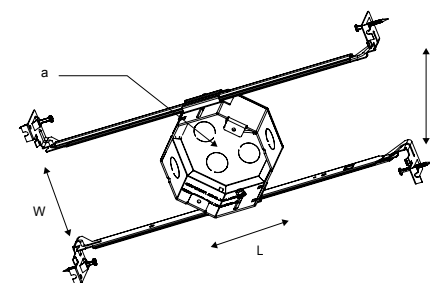
Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail. Especially in areas with limited ventilation, such as closets and utility rooms.



NEW CONSTRUCTION OCTAGON FIRE RATED JUNCTION BOX

DIMENSIONS

- L: 4 7/32"
- W: 4 7/32"
- H: 2 1/2"
- a: 4 17/32"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

PACKAGING
Outer Box: 76.5*68*14.5 CM 6 PCS/CTN

HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING
<input type="radio"/> FJ-BOX-0 Fire rated Junction Box	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours

LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> BL4-003	<input type="radio"/> 750lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> TRIAC
<input type="radio"/> BL6-003		<input type="radio"/> 90+	<input type="radio"/> Black	<input type="radio"/> ELV
<input type="radio"/> BL4-003-2		<input type="radio"/> Satin Nickel		
<input type="radio"/> BL6-003-2				

* Customized Also Available

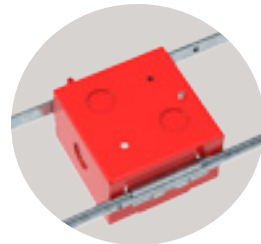
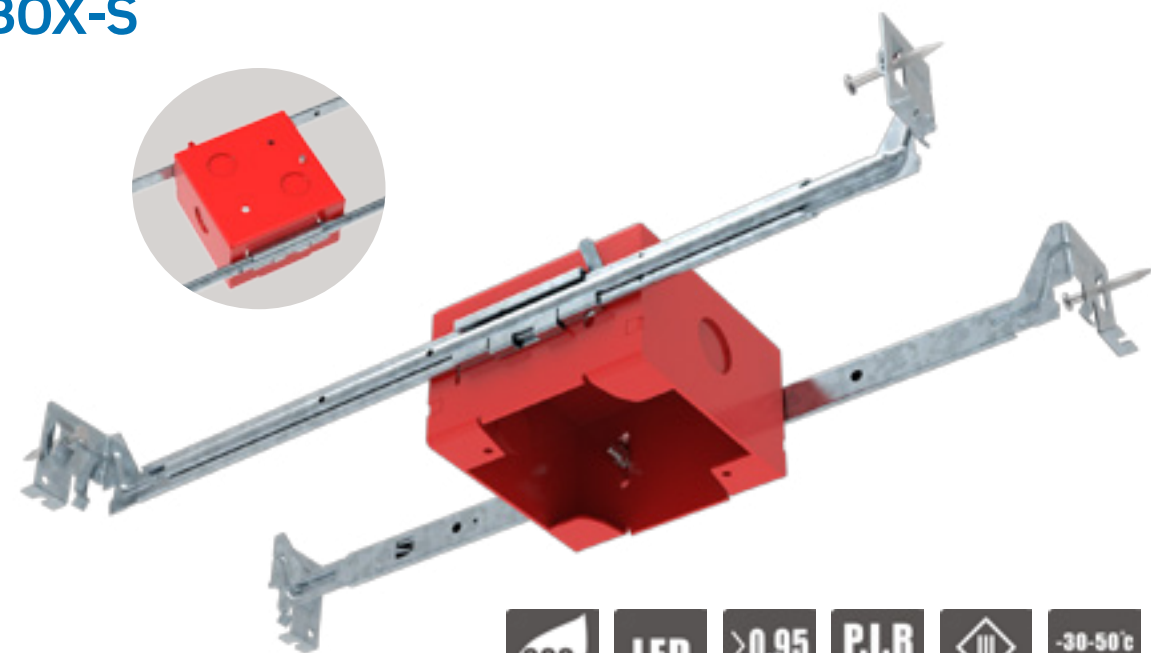


For more choice, please contact us.



NEW CONSTRUCTION SQUARE FIRE RATED JUNCTION BOX

FJ-BOX-S



Retrofit Type	Voltage	Frequency	Dimming
BL4-003	120V AC/ 277V AC	50/60 Hz	TRIAC/ NONE
BL6-003			
BL4-003-2			
BL6-003-2			

*Please contact Liteharbor for details.

LISTING/ WARRANTY

ETL listed to US and Canadian standards for damp location W/Feed through. IC rated, Title 24 compliant, up to 2hour fire rated.
3 Year Limited Warranty.

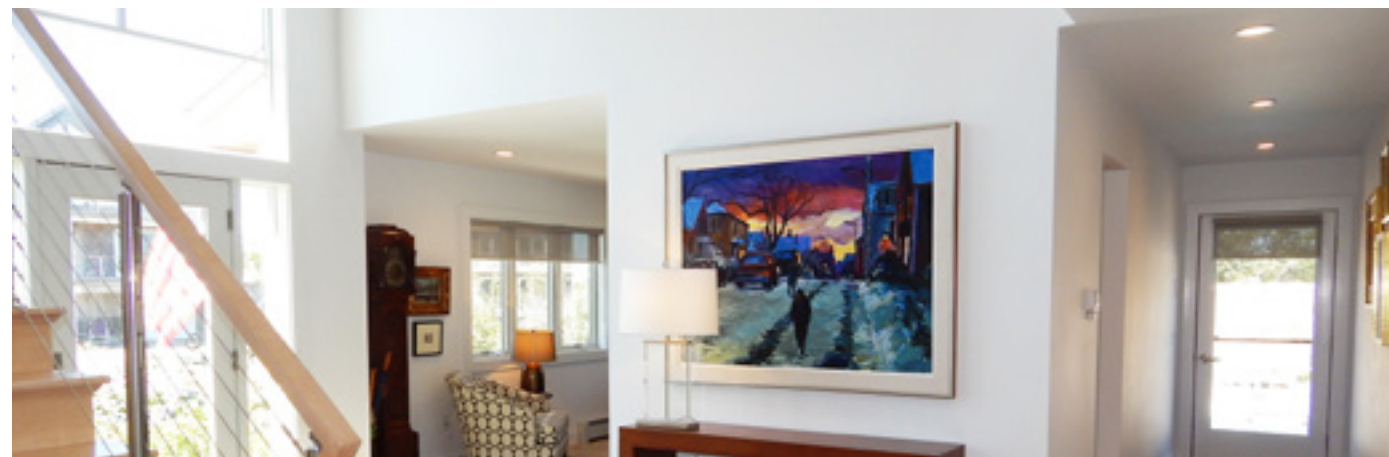


DESCRIPTION

This is a 4 in 4 out ultra-thin new construction fire rated junction box, designed for surface mount ceiling fixtures.
Cold plate housing sprayed with red powder for 2 hours fire rated.
Guided-slots on each side allow the box to be easily adjusted and secured by simply loosening the screws, built-in adapter allows it to be adjusted from 1/2" up to 1 1/4".
Adapt to a variety of surface mounted lamp, such as Liteharbor's LED disk light, etc.
Suitable for wet locations.

APPLICATIONS

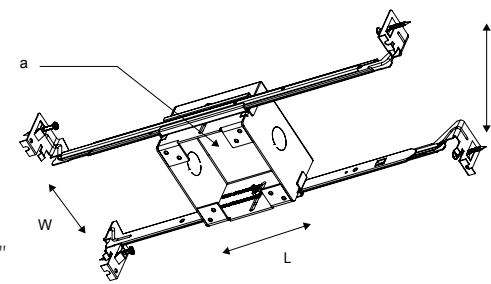
Apply to automotive and parking, education, government, healthcare, hospitality, offices and banks, religious, retail.
Especially in areas with limited ventilation, such as closets and utility rooms.



NEW CONSTRUCTION SQUARE FIRE RATED JUNCTION BOX

DIMENSIONS

- L: 4 3/4"
- W: 3 3/4"
- H: 2 1/2"
- a: 4 3/4"x4 3/4"



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION

PACKAGING
Outer Box: 76.5*68*14.5 CM 6 PCS/CTN

HOUSING ORDERING GUIDE / YOUR PRODUCT CODE

SERIES	CONSTRUCTION	FIRE RATING
<input type="radio"/> FJ-BOX-S Fire rated Junction Box	<input type="radio"/> New Construction	<input type="radio"/> 2 Hours

LIGHT SOURCE ORDERING GUIDE / YOUR PRODUCT CODE

RETROFIT	LUMEN	CRI	FINISH	DIMMING
<input type="radio"/> BL4-003	<input type="radio"/> 750lm	<input type="radio"/> 80+	<input type="radio"/> White	<input type="radio"/> TRIAC
<input type="radio"/> BL6-003		<input type="radio"/> 90+	<input type="radio"/> Black	<input type="radio"/> ELV
<input type="radio"/> BL4-003-2			<input type="radio"/> Satin Nickel	
<input type="radio"/> BL6-003-2				

* Customized Also Available



For more choice, please contact us.

