

CANLYTE

LIGHTOLIER®

Compact Fluorescent Lighting Program

Lytecaster



Lightolier is a Philips group brand

PHILIPS



Lightolier Lytecaster... Inspiring Intelligent Expression

Lytecaster recessed luminaires open up ever-growing lighting design opportunities. To help expand your interior decoration horizons, the product line features a unique combination of functional and aesthetic benefits, including ease of installation, a complete range of lighting effects and contemporary styling right down to the smallest aperture models. Lytecaster meets the need for quality-engineered, versatile and affordable downlighting systems suited to residential and light commercial applications. Use the Inspiring Intelligent Expression of Lightolier Lytecaster downlights to your advantage.

Lytecaster Compact Fluorescent Lighting Program

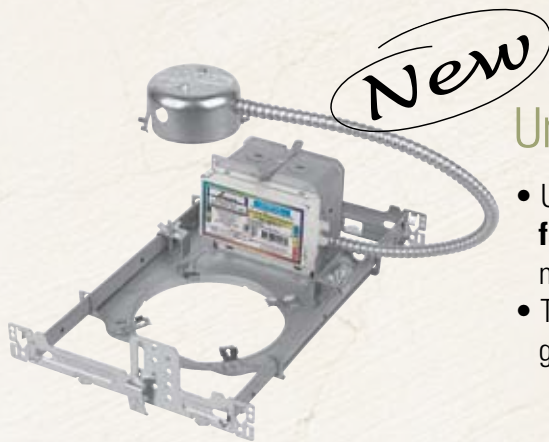
Sustainable Energy Sustainable Excellence

It is clear that the future holds tremendous challenges in the areas of energy consumption and the need for conservation. Lytecaster is committed to providing products that will help meet these ever-changing needs by offering lighting that provides unsurpassed quality, exceptional performance and the latest technology for energy efficiency.



THE NEW INDUSTRY STANDARD

Best-in-class for grid ceiling installations



Unique Design

- Uniframe Frame-in Kits are the **fastest** and **easiest** to install for new construction
- Tool-free installation in the grid ceilings

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Superior Performance Trims



- Performance trim optics focus on a specific trim/lamp design for maximum performance
- Excellent glare control and lamp shielding

Lyte^{ning} *New*

Complete line of residential and light commercial energy savings applications

- Lytensing compact fluorescent selection offers IC rating Frame-in Kit and IC/Non-IC convertible AirSeal® rated frame
- Selection of remodelers available



Compact Fluorescent Lighting

Shedding Light on Sustainable Energy

With increased concern over the environment, a growing number of companies are turning to more energy-efficient downlighting alternatives such as compact fluorescent lamps (CFL). Today's compact fluorescent sources, such as the new triple tube lamps, consume up to 70% less energy than comparable Line Voltage fixtures and last up to ten times as long. Teamed with the state-of-the-art electronic ballasts, they provide high output with fast, flicker-free starts, dimming option, long lamp life and excellent colour rendition. Compact fluorescent lighting represents energy-saving options that benefit both cost-conscious buyers and the environment.

1) Save Energy = Save Money

Compact fluorescents are a first step in helping to reduce energy bills since they use two-thirds less energy than standard incandescent lighting, while providing more light output.



2) Save Time

The pin-based compact fluorescent light bulbs can last up to ten times longer than standard incandescent bulbs, they require fewer changes at decreased intervals. The result is less time wasted maintaining bulbs and more cost savings!



3) Help Protect the Environment

It takes a commitment toward energy efficient choices to start making a difference. In addition to saving energy, time and money, compact fluorescents help preserve limited natural resources and reduce the impact of human activities on the environment. By offering energy-efficient compact fluorescent lamps, Lightolier is lighting the way toward a sustainable future.

Energy Consumption

Standard Incandescent Lighting		Compact Fluorescent Lighting
40 Watt	=	13 Watt
60 Watt	=	18 Watt
75 Watt	=	26 Watt
100 Watt	=	32 Watt
150 Watt	=	42 Watt

Compact Fluorescent Lighting

Fluorescent Lamps

A fluorescent lamp is a sealed glass tube which contains a small bit of mercury and an inert gas, typically argon, kept under very low pressure. The inside of the glass tube is coated with a phosphor powder and has two electrodes at each end, which are wired to an electrical circuit. When you turn the lamp on, the current flows through the electrical circuit to the electrodes and the chemical reaction of the gases and phosphors creates light.

Colour Rendering Index (CRI)

Colour rendering, expressed as a rating from 0 to 100 on the Colour Rendering Index (CRI), describes how a light source makes the colour of an object appear to human eyes and how well subtle variations in colour shades are revealed. The higher the CRI rating is, the better its colour rendering ability.

When first introduced residentially, many fluorescent products had a CRI in the low 60's. Today, most fluorescent products exceed 80 CRI. Any CRI rating of 80 or above is normally considered high and indicates that the source has good colour properties. Note that CRI is dependent on Colour Temperature and should be compared on similar temperature lamps.

Colour Temperature

Colour temperature is a numerical measurement (Kelvins) that determines the colour appearance of the light itself. A lower Colour Temperature (lower Kelvin) brings out the red, warm end of the colour spectrum while higher numbers reproduce the cool, blue end of the colour spectrum. Unlike incandescent lighting, you can choose different colour temperatures in compact fluorescent. As a rule of thumb, use cool light for visual tasks because it is better suited for details. Use warm light for living spaces because it is more flattering to skin tones and clothing.

Originally fluorescent lighting only came in higher numbers providing cooler blue light, which was unflattering to skin tones. Today's compact fluorescent lamps can have colour temperature ranges from 2700K to 4100K.

Lamp Start Up

In older technologies, the phosphors would take several attempts to charge, which caused flickering and took several seconds to start.

Newer technology ballasts are designed to provide higher levels of energy to start the lamp within 3/10ths of a second and then adjust the level to maintain illumination and conserve energy.

For more details on compact fluorescent lamps, please consult page 32.

Some typical colour temperatures		
1500K	=	Candlelight
2680K	=	40W incandescent lamp
3200K	=	Sunrise/Sunset
3400K	=	1 hour from Dusk/Dawn
5500K	=	Sunny day around noon

CRI	Source	Kelvin Temperature							
		1500K	2000K	2500K	3000K	3500K	4000K	4500K	
100	Incandescent				2700K				
100	Halogen				2800K				
82	Compact Fluorescent						2700K - 4100K		
81 - 96	Metal Halide (Ceramic)						3000K - 4200K		
20 - 22	High Pressure Sodium	1900K - 2000K							
100	Low Voltage Halogen				2925K - 3200K				



Hot



Warm



Cold

The Lytecaster Difference

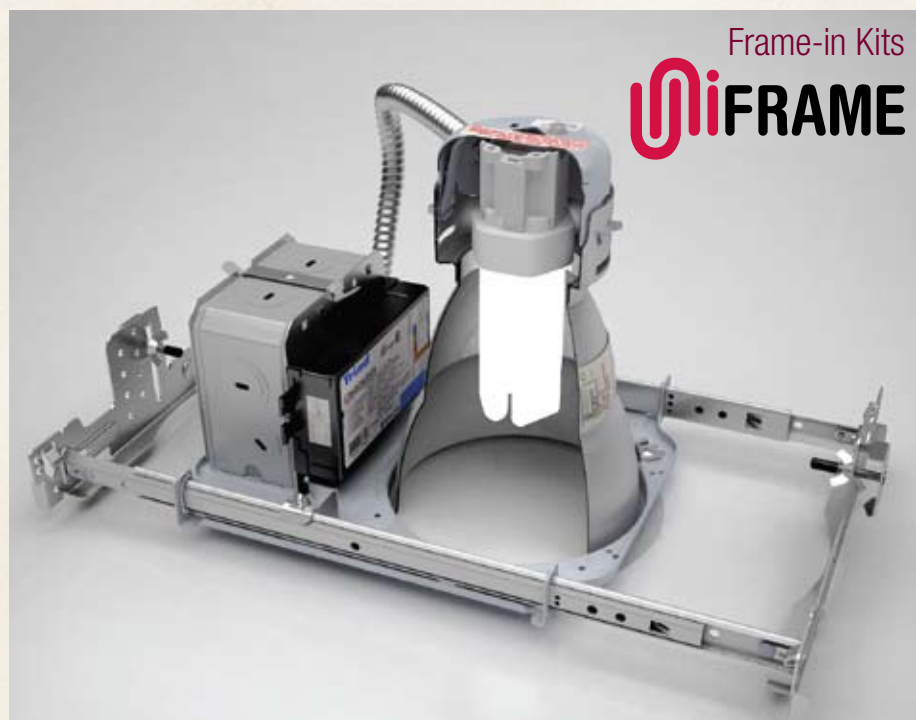
By offering exceptional performance, easy installation, and lasting durability, Lytecaster has become the standard by which other downlights are judged. The innovation of a separate Frame-in Kit and Reflector Trim system not only provides high-quality downlighting, it also allows different price and performance levels to meet a wide range of budgets. This “designed-in” flexibility allows Lytecaster to provide quality, versatile downlighting at a very affordable price.

The New Industry Standard

Uniframe's unique design provides the fastest and the easiest Frame-in Kit installation in the market

Frame-in Kit Features and Benefits:

- Tool-free installation in Grid Ceilings
- Three aperture sizes
- Wattages up to 42W Triple Tube
- Accepts both horizontal and vertical optics
- Allows the use of new performance trims and most existing Lytecaster trims
- Dimming options available
- Easily adaptable to wood construction



Please refer to page 16 for all details.

The Lytecaster System

Unlike typical “white cans”, Lytecaster’s precisely engineered reflectors are designed to maximize light output and minimize glare. Each Lytecaster downlight incorporates a Unitized Optics system featuring a snap-on socket and push-up, self-flanged Reflector Trim. This allows a “forgiving” installation that assures full reflector output at all times and prevents distracting light leaks.

Crafted of high-quality, corrosion-resistant aluminum, Lytecaster Reflector Trims carefully direct light to achieve the highest output possible from the available source. This allows compact fluorescent sources to deliver performance similar to more expensive reflector lamps in comparable downlights. Lytecaster’s high output reflectors also allow a space to be lighted using fewer fixtures, achieving significant long-term energy savings.

Reflector Trim redirects the light from energy-saving compact fluorescent tubes into a useful cone of light. Efficiency is maintained; aperture brightness is controlled; and glare is minimized. Using its full range of interchangeable reflectors, Lytecaster can provide general lighting and wall washing from a single system.

Unitized Optics Systems

Performance options

Reflectors today play an ever-increasing role in maximizing light output, especially with the widespread use of economical compact fluorescent sources. Crafted from high-quality, corrosion-resistant aluminum, Lytecaster reflectors are designed to achieve the highest output possible from the available source. In addition, aperture size selection has been extended, ensuring a wide variety of lamps in all four performance options offered in this catalogue (applicable on reflectors using CFL lamps only).



Good ☆

Basic white or baffled reflectors provide good reflectivity and glare control. They are finished using a high-gloss paint featuring added durability, improved UV-inhibiting properties and better overall performance.



Better ☆☆

Anobrite® reflectors are chemically brightened and anodized for permanent high reflectivity. They ensure better glare control. Combined with baffles or Alzak® cones, these reflectors provide 20% higher performance than basic white reflectors.



Best ☆☆☆

Deep Alzak® reflectors offer the highest efficiency and best glare control. Each reflector is chemically polished to a highly specular finish. Deep Alzak® delivers approximately 15% more light output than baffles or Alzak® cones, which results in fewer luminaires to light a space and significant long-term energy savings.



Performance ☆☆☆☆

Performance Alzak® reflectors feature dedicated horizontal and vertical optics suitable for commercial projects. Designed with cut-off from 60-65 degrees, these trims provide excellent glare control and lamp shielding as well as wattages up to a 42W Triple Tube. Performance trims deliver approximately 20 to 25% more light output than baffles or Alzak® cones units.

Lighting effects

Design tools offering endless opportunities

GENERAL LIGHTING

Light for overall illumination. Creates even luminosity in open spaces or hallways.

- Provides an overall spread of light
- Makes for a comfortable visual environment

WALL WASHING

Light that adds life to walls. Smoothly illuminates vertical surfaces from floor to ceiling. Useful to highlight a wall of prized possessions. Ideal to make small rooms appear more spacious. Provides visually exciting lighting of vertical planes.

- Defines a space
- Emphasizes colour and texture
- Enhances sense of spaciousness

GENERAL / TASK LIGHTING

Light that combines wide and/or narrow beams. Creates a splash of bright light amid even luminosity using a single luminaire. Innovative effect designed by Lightolier to produce up to three different lighting effects. Useful in areas such as conference rooms. Achieved with Low Profile Drop Turbo luminaires using an MR-16 accessory kit.

- Delivers general lighting, task lighting or both
- Provides general lighting with dimmable compact fluorescent source in option
- Improves task performance while adding dramatic interest
- Provides task lighting with dimmable low voltage MR-16 source

Performance Trims

The Lighting Professional...

Performance professional optics provide the ultimate in efficiency and flexibility. All optics focus on a specific trim/lamp for an excellent combination while offering multiple lamp options for increased flexibility.

Performance Vertical Trims ★ ★ ★ ★

Vertical Reflectors



1001WH

Open Downlight

These trims are offered in 3-3/4", 5-1/4" and 6-3/4" aperture sizes with a White, Specular Clear or Clear Diffuse finish. Specular Clear finish offers superior performance and provides an Iridescent-Free coating to eliminate rainbowing. Clear Diffuse is a semi-specular finish that diffuses light and provides a soft, even illumination that minimizes the mirror image typically found on specular finishes. White finish blends into ceiling for minimal impact on ceiling appearance.



1001CL



1001CD



1001CDDW

Wall Washer

Wall washers provide a smooth, even illumination over the length and height of a wall surface and roomside downlighting. The single wall washers are available in 3-3/4", 5-1/4", and 6-3/4" aperture sizes and the double wall washers are offered in 5-1/4" and 6-3/4" aperture sizes. All trims are available in Specular Clear, Clear Diffuse or White finishes.



1001WHSW



1001CLSW



1001CDSW



2001CLF

Wet Location

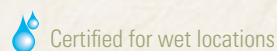
Clear lens provides optimal lumen output and effective light distribution. **Fresnel** lens provides improved shielding of the lamp source while effectively distributing light. **Opal** lens provides complete shielding of the lamp source and offers beautiful aesthetics. All three trims are offered in the 3-3/4" aperture sizes.



2001CDC



2001WHO



Performance Trims

Performance Horizontal Trims ★ ★ ★ ★

Horizontal Reflectors



1001HCD

Open Downlight

Horizontal trims provide superior cut-off and shielding and use the standard Frame-in Kit. These open downlights offer a 60-degree cut-off with up to 42W Triple Tube lamplng. Trims are offered in 5-1/4" and 6-3/4" aperture sizes with a Specular Clear, Clear Diffuse or White finish.



1001HCLSW

Wall Washer

Single wall washers provide a uniform distribution of light together with roomside downlighting for demanding commercial applications. Trims are available in 5-1/4" and 6-3/4" aperture sizes in Specular Clear, Clear Diffuse or Matte White finishes.



1001HACB

Shielded Downlight

New floating crossblade adds visual interest and redefines a classic look. The horizontal lamplng provides additional shielding for exceptional visual comfort without sacrificing performance. Trims are available in 5-1/4" and 6-3/4" aperture sizes with an Aluminum paint or White finish.



1001HCDF

Wet Location

Lensed horizontal trims provide superior shielding of the horizontal lamp source while providing the increased flexibility of a shallow trim that fits in 2' x 8' construction. All trims are offered in the 5-1/4" and 6-3/4" aperture sizes with **Clear, Fresnel** and **Opal** lens options.



1001HWH



1001HCL



1001HWSW



1001HCDSW




1001HWHCB



1001HWHC



1001HCLC

 Certified for wet locations

3-3/4" Performance Vertical Trims



Performance professional optics provide the ultimate in performance and flexibility. All optics focus on a specific trim / lamp for a performance combination while offering multiple lamp options for increased flexibility.

- Performance optics provide excellent cut-off while maximizing efficiencies
- Only 3 1/2" ID for CFL aperture
- Superior performance and styling

Performance Open Downlight ★★★★★



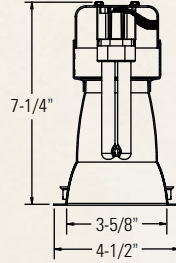
Reflector

2001CL	Specular Clear
2001CD	Clear Diffuse
2001WH	White

Reference Data

Reflector	2001CL
Lamp	18W Triple
Lamp Lumens	1200
Efficiency	47.6%
Spacing Criterion	1.4

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70



7-1/4"

3-5/8"

4-1/2"

Application Data Single Unit Data 18W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
4'	15	6"
5'	10	7"
6'	7	8"

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
2001F13 Series	13W	(1) Triple or Quad
2001F18 Series	18W	(1) Triple or Quad
<i>New construction "ICX" AirSeal</i>		
2004ICXF13 Series	13W	(1) Triple or Quad
2004ICXF18 Series	18W	(1) Triple or Quad

Multiple Units (18W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	60	2.06
5'	41	1.43
6'	27	0.92

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Performance Single Wall Wash ★★★★★

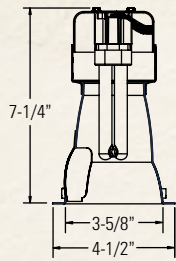


Reflector

2001CLSW	Specular Clear
2001CDSW	Clear Diffuse
2001WHSW	White

Reference Data

Reflector	2001CLSW
Lamp	18W Triple
Lamp Lumens	1200
Efficiency	46.9%



7-1/4"

3-5/8"

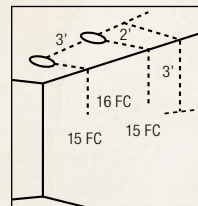
4-1/2"

Multiple Units (18W) Footcandles on Wall

Distance From Ceiling in Feet	2' from Wall-2' on Centre		
	1'	2'	3'
1'	21	18	21
2'	29	29	29
3'	23	23	23
4'	16	16	16
5'	11	11	11
6'	8	8	8
7'	5	5	5
8'	4	4	4
9'	3	3	3

Multiple Units (18W) Footcandles on Wall

Distance From Ceiling in Feet	2' from Wall-3' on Centre		
	1'	2'	3'
1'	16	12	16
2'	20	19	20
3'	15	16	15
4'	11	11	11
5'	8	8	8
6'	6	6	6
7'	4	4	4
8'	3	3	3
9'	2	2	2

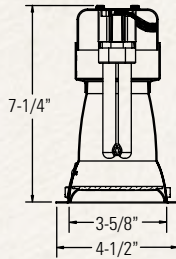


Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

3-3/4" Performance Vertical Trims

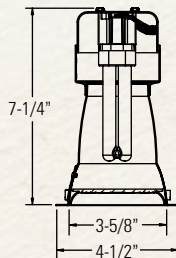
Performance **Opal** Lensed Downlight ★★★★★



Reflector	
2001CLO	Specular Clear
2001CDO	Clear Diffuse
2001WHO	White

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
2001F13 Series	13W	(1) Triple or Quad
2001F18 Series	18W	(1) Triple or Quad
<i>New construction "ICX" AirSeal</i>		
2004ICXF13 Series	13W	(1) Triple or Quad
2004ICXF18 Series	18W	(1) Triple or Quad

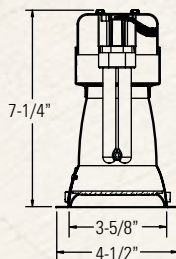
Performance **Clear** Lensed Downlight ★★★★★



Reflector	
2001CLC	Specular Clear
2001CDC	Clear Diffuse
2001WHC	White

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
2001F13 Series	13W	(1) Triple or Quad
2001F18 Series	18W	(1) Triple or Quad
<i>New construction "ICX" AirSeal</i>		
2004ICXF13 Series	13W	(1) Triple or Quad
2004ICXF18 Series	18W	(1) Triple or Quad

Performance **Fresnel** Lensed Downlight ★★★★★



Reflector	
2001CLF	Specular Clear
2001CDF	Clear Diffuse
2001WHF	White

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
2001F13 Series	13W	(1) Triple or Quad
2001F18 Series	18W	(1) Triple or Quad
<i>New construction "ICX" AirSeal</i>		
2004ICXF13 Series	13W	(1) Triple or Quad
2004ICXF18 Series	18W	(1) Triple or Quad

Reference Data	
Reflector	2001CLF
Lamp	18W Triple
Lamp Lumens	1200
Efficiency	29.8%
Spacing Criterion	1.4

Application Data - Single Unit Data 18W		
Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
4'	10	6'
5'	6	7'
6'	4	8'

Beam diameter is where footcandles drop to 50% of maximum.

Multiple Units (18W)		
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	20	1.38
5'	14	0.96
6'	9	0.61

24' x 24' x 8.5' Room
Workplane 2.5' Above Floor
80% / 50% / 20% Reflectances

Conversion Factor for Finishes:
CD = footcandle x .90
WH = footcandle x .70



3-3/4" Performance trims are the ideal choice for energy-efficient applications in residential. This small aperture product provides exceptional light output in an attractive package. Available in downlights, wall washers and three cCSAus listed lensed styles.

Certified for wet locations

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

5-1/4" Performance Vertical Trims



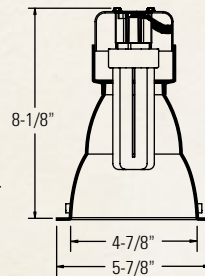
Performance 5-1/4" is the ideal choice for energy-efficient residential and light commercial applications. Its small size offers excellent optic performance in ceilings up to 9-1/2 ft while maintaining style. Also available with dimming ballasts.

Performance Open Downlight ★★★★★

Reflector	
1001CL	Specular Clear
1001CD	Clear Diffuse
1001WH	White

Reference Data	
Reflector	1001CL
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	54.1%
Spacing Criterion	1.3

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70



Application Data Single Unit Data 26W			
Height to Lighted Plane	Initial Centre Footcandles	Beam Diameter	
6'	14	8'	
7'	10	9'	
8'	8	10'	

Beam diameter is where footcandles drop to 50% of maximum.

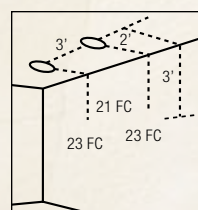
Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1001F13 Series	13W	(1) Triple or Quad
1001F18 Series	18W	(1) Triple
1001F26 Series	26W	(1) Triple
<i>Remodeler Non-IC</i>		
1003RF18 Series	18W	(1) Triple
1003RF26 Series	26W	(1) Triple

Multiple Units (26W)		
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	54	1.69
5'	38	1.17
6'	24	0.75

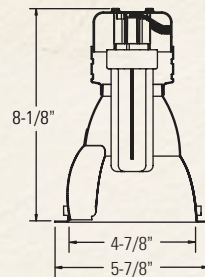
24" x 24" x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Performance Single Wall Wash ★★★★★

Reflector	
1001CLSW	Specular Clear
1001CDSW	Clear Diffuse
1001WHSW	White



Reference Data	
Reflector	1001CLSW
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	54.2%



Distance From Ceiling in Feet	Multiple Units (26W) Footcandles on Wall		
	2' from Wall-2' on Centre	2' from Wall-2' on Centre	2' from Wall-2' on Centre
1'	24	23	24
2'	35	34	35
3'	32	33	32
4'	25	25	25
5'	18	19	18
6'	13	13	13
7'	10	10	10
8'	7	7	7
9'	6	6	6

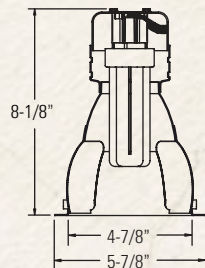
Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1001F13 Series	13W	(1) Triple or Quad
1001F18 Series	18W	(1) Triple
1001F26 Series	26W	(1) Triple
<i>Remodeler Non-IC</i>		
1003RF18 Series	18W	(1) Triple
1003RF26 Series	26W	(1) Triple

Distance From Ceiling in Feet	Multiple Units (26W) Footcandles on Wall		
	2' from Wall-3' on Centre	2' from Wall-3' on Centre	2' from Wall-3' on Centre
1'	19	13	19
2'	26	23	26
3'	23	21	23
4'	17	17	17
5'	13	13	13
6'	9	10	9
7'	7	7	7
8'	6	6	6
9'	4	4	4

Performance Double Wall Wash ★★★★★

Reflector	
1001CLDW	Specular Clear
1001CDDW	Clear Diffuse
1001WHDW	White

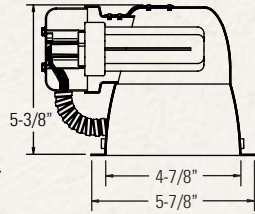


Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1001F13 Series	13W	(1) Triple or Quad
1001F18 Series	18W	(1) Triple
1001F26 Series	26W	(1) Triple
<i>Remodeler Non-IC</i>		
1003RF18 Series	18W	(1) Triple
1003RF26 Series	26W	(1) Triple

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

5-1/4" Performance Horizontal Trims

Performance Open Downlight ★★★★★



Reflector

1001HCL	Specular Clear
1001HCD	Clear Diffuse
1001HWH	White

Reference Data

Reflector	1001HCL
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	58.6%
Spacing Criterion	1.2

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Application Data Single Unit Data 26W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	16	7'
7'	12	8'
8'	9	9'

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit

Wattage	Lamping
<i>New construction Non-IC</i>	
1001F13 Series	13W (1) Triple or Quad
1001F18 Series	18W (1) Triple
1001F26 Series	26W (1) Triple
<i>Remodeler Non-IC</i>	
1003RF18 Series	18W (1) Triple
1003RF26 Series	26W (1) Triple
<i>New construction "ICX" AirSeal</i>	
1004ICXF18 Series	18W (1) Triple
1004ICXF26 Series	26W (1) Triple

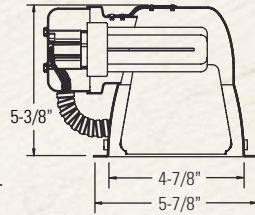
Multiple Units (26W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	58	1.63
5'	40	1.13
6'	26	0.72

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

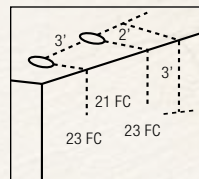


Performance Single Wall Wash ★★★★★



Reflector

1001HCLSW	Specular Clear
1001HCDSW	Clear Diffuse
1001HWSW	White



Reference Data

Reflector	1001HCLSW
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	53.4%

Multiple Units (26W) Footcandles on Wall

Distance From Ceiling in Feet	2' from Wall-2' on Centre	2' from Wall-2' on Centre	2' from Wall-2' on Centre
1'	29	27	29
2'	43	43	43
3'	33	33	33
4'	24	25	24
5'	17	18	17
6'	12	13	12
7'	9	9	9
8'	7	7	7
9'	5	5	5

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

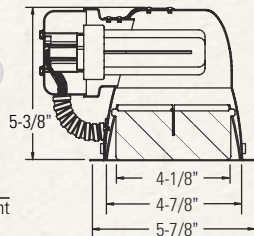
Frame-in Kit

Wattage	Lamping
<i>New construction Non-IC</i>	
1001F13 Series	13W (1) Triple or Quad
1001F18 Series	18W (1) Triple
1001F26 Series	26W (1) Triple
<i>Remodeler Non-IC</i>	
1003RF18 Series	18W (1) Triple
1003RF26 Series	26W (1) Triple
<i>New construction "ICX" AirSeal</i>	
1004ICXF18 Series	18W (1) Triple
1004ICXF26 Series	26W (1) Triple

Multiple Units (26W) Footcandles on Wall

Distance From Ceiling in Feet	2' from Wall-3' on Centre	2' from Wall-3' on Centre	2' from Wall-3' on Centre
1'	23	16	23
2'	27	29	27
3'	23	21	23
4'	17	17	17
5'	12	12	12
6'	9	9	9
7'	7	7	7
8'	5	5	5
9'	4	4	4

Performance Shielded Downlight ★★★★★



Reflector

1001HACB	Aluminum paint
1001HWHCB	White

Reference Data

Reflector	1001HWHCB
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	31.3%
Spacing Criterion	0.9 x 1.0

Application Data Single Unit Data 26W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	11	5'
7'	8	6'
8'	6	7'

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit

Wattage	Lamping
<i>New construction Non-IC</i>	
1001F13 Series	13W (1) Triple or Quad
1001F18 Series	18W (1) Triple
1001F26 Series	26W (1) Triple
<i>Remodeler Non-IC</i>	
1003RF18 Series	18W (1) Triple
1003RF26 Series	26W (1) Triple
<i>New construction "ICX" AirSeal</i>	
1004ICXF18 Series	18W (1) Triple
1004ICXF26 Series	26W (1) Triple

Multiple Units (26W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	30	1.88
5'	21	1.30
6'	14	0.83

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Performance puts a unique spin on a classic look with our new floating cross blade design. With rounded edges that float off of the cone, this new design gives the standard crossblade a softer look while effectively shielding the lamp source.



Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

5-1/4" Performance Horizontal Trims



Performance's three lensed products have a variety of lens styles. cCSA listed for wet locations, these trims provide an incandescent halogen-like light source in an energy-efficient package ideal for showers, spas or outdoor overhangs.

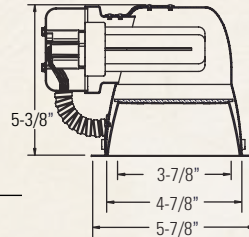


Performance offers a wide variety of lens products designed to perform in diverse applications.

- The **Clear** lens provides optimal lumen output and light distribution
- The **Fresnel** lens provides improved shielding of the lamp source while effectively distributing light
- **Opal** lens provides complete shielding of the lamp source and offers beautiful aesthetics

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

Performance Opal Lensed Downlight ★★★★★



Reflector

1001HCLO	Specular Clear
1001HCDO	Clear Diffuse
1001HWHO	White

Reference Data

Reflector	1001HCLO
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	36.6%
Spacing Criterion	1.2

Conversion Factor for Finishes:
CD = footcandle x .90
WH = footcandle x .70

Application Data Single Unit Data 26W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	10	7'
7'	8	8'
8'	6	9'

Beam diameter is where footcandles drop to 50% of maximum.

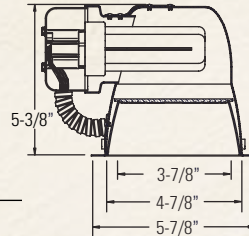
Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1001F13 Series	13W	(1) Triple or Quad
1001F18 Series	18W	(1) Triple
1001F26 Series	26W	(1) Triple
<i>Remodeler Non-IC</i>		
1003RF18 Series	18W	(1) Triple
1003RF26 Series	26W	(1) Triple
<i>New construction "ICX" AirSeal</i>		
1004ICXF18 Series	18W	(1) Triple
1004ICXF26 Series	26W	(1) Triple

Multiple Units (26W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	36	1.88
5'	25	1.30
6'	16	0.83

24' x 24' x 8.5' Room
Workplane 2.5' Above Floor
80% / 50% / 20% Reflectances

Performance Clear Lensed Downlight ★★★★★



Reflector

1001HCLC	Specular Clear
1001HCDC	Clear Diffuse
1001HWHC	White

Reference Data

Reflector	1001HCLC
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	42.8%
Spacing Criterion	1.1

Conversion Factor for Finishes:
CD = footcandle x .90
WH = footcandle x .70

Application Data Single Unit Data 26W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	14	6'
7'	10	7'
8'	7	8'

Beam diameter is where footcandles drop to 50% of maximum.

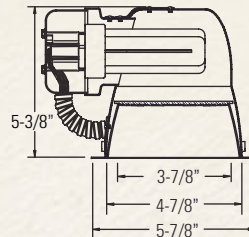
Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1001F13 Series	13W	(1) Triple or Quad
1001F18 Series	18W	(1) Triple
1001F26 Series	26W	(1) Triple
<i>Remodeler Non-IC</i>		
1003RF18 Series	18W	(1) Triple
1003RF26 Series	26W	(1) Triple
<i>New construction "ICX" AirSeal</i>		
1004ICXF18 Series	18W	(1) Triple
1004ICXF26 Series	26W	(1) Triple

Multiple Units (26W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	42	1.88
5'	29	1.30
6'	19	0.83

24' x 24' x 8.5' Room
Workplane 2.5' Above Floor
80% / 50% / 20% Reflectances

Performance Fresnel Lensed Downlight ★★★★★



Reflector

1001HCLF	Specular Clear
1001HCDF	Clear Diffuse
1001HWHF	White

Reference Data

Reflector	1001HCLF
Lamp	26W Triple
Lamp Lumens	1710
Efficiency	40.8%
Spacing Criterion	0.9

Conversion Factor for Finishes:
CD = footcandle x .90
WH = footcandle x .70

Application Data Single Unit Data 26W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	16	5'
7'	12	6'
8'	9	7'

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1001F13 Series	13W	(1) Triple or Quad
1001F18 Series	18W	(1) Triple
1001F26 Series	26W	(1) Triple
<i>Remodeler Non-IC</i>		
1003RF18 Series	18W	(1) Triple
1003RF26 Series	26W	(1) Triple
<i>New construction "ICX" AirSeal</i>		
1004ICXF18 Series	18W	(1) Triple
1004ICXF26 Series	26W	(1) Triple

Multiple Units (26W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	41	1.88
5'	28	1.30
6'	18	0.83

24' x 24' x 8.5' Room
Workplane 2.5' Above Floor
80% / 50% / 20% Reflectances

Certified for wet locations

6-3/4" Performance Vertical Trims

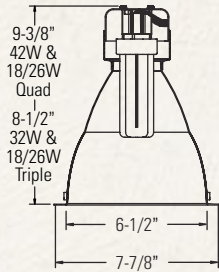
Performance Open Downlight ★★★★★



Reflector	
1101CL	Specular Clear
1101CD	Clear Diffuse
1101WH	White

Reference Data	
Reflector	1101CL
Lamp	42W Triple
Lamp Lumens	3200
Efficiency	67.0%
Spacing Criterion	1.1

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70



Application Data Single Unit Data 42W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	40	6'
8'	24	8'
10'	15	10'

Beam diameter is where footcandles drop to 50% of maximum.

Multiple Units (42W)

Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
5'	88	1.91
6'	56	1.22
7'	32	0.69

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

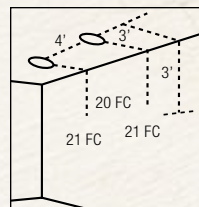


Performance 6-3/4" is the ideal choice for energy-efficient commercial applications. Its larger aperture size offers for 18 up to a 42 watt compact fluorescent lamp for maximum light output. Designed for performance, these products are also available with dimming ballasts standard.

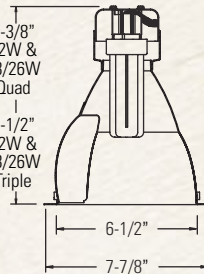
Performance Single Wall Wash ★★★★★



Reflector	
1101CLSW	Specular Clear
1101CDSW	Clear Diffuse
1101WHSW	White



Reference Data	
Reflector	1101CLSW
Lamp	42W Triple
Lamp Lumens	3200
Efficiency	64.0%



Multiple Units (42W) Footcandles on Wall

Distance From Ceiling in Feet	3' from Wall-3' on Centre			
	1'	2'	3'	4'
1'	12	11	12	
2'	22	21	22	
3'	27	27	28	
4'	29	29	29	
5'	27	27	27	
6'	23	23	23	
7'	19	19	19	
8'	16	16	16	
9'	13	14	13	

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

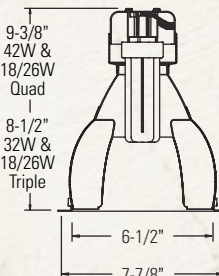
Multiple Units (42W) Footcandles on Wall

Distance From Ceiling in Feet	3' from Wall-4' on Centre			
	1'	2'	3'	4'
1'	10	7	10	
2'	18	14	18	
3'	21	20	21	
4'	23	21	23	
5'	21	20	21	
6'	18	17	18	
7'	15	15	15	
8'	13	13	13	
9'	11	11	11	

Performance Double Wall Wash ★★★★★



Reflector	
1101CLDW	Specular Clear
1101CDDW	Clear Diffuse
1101WHDW	White



Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

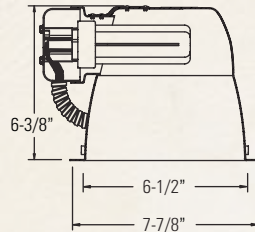
6-3/4" Performance Horizontal Trims



With the introduction of Performance, Lytecaster now offers both single and double wall washers for demanding commercial applications. Single and double wall washers are designed to provide a uniform distribution of light along the vertical surface while providing roomside downlighting to provide continuity throughout the space.



Performance Open Downlight ★★★★★



Reflector	Finish
1101HCL	Specular Clear
1101HCD	Clear Diffuse
1101HWH	White

Reference Data	
Reflector	1101HCL
Lamp	32W Triple
Lamp Lumens	2200
Efficiency	62.0%
Spacing Criterion	1.2

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Application Data Single Unit Data 32W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	20	8'
8'	11	10'
10'	7	12'

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit Wattage Lamping

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

Frame-in Kit	Wattage	Lamping
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

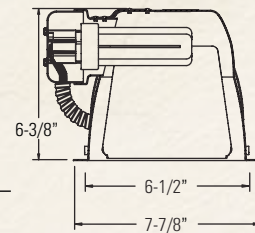
Frame-in Kit	Wattage	Lamping
<i>New construction "ICX" AirSeal</i>		
1104ICXF263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

Multiple Units (32W)

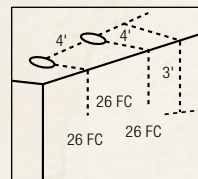
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	78	1.94
5'	54	1.35
6'	35	0.86

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Performance Single Wall Wash ★★★★★



Reflector	Finish
1101HCLSW	Specular Clear
1101HCDSW	Clear Diffuse
1101HWHSW	White



Reference Data	
Reflector	1101HCLSW
Lamp	42W Triple
Lamp Lumens	3200
Efficiency	61.4%

Multiple Units (42W) Footcandles on Wall

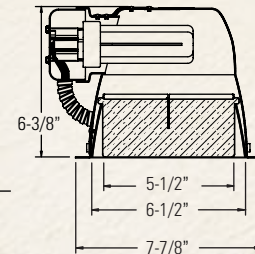
Distance From Ceiling in Feet	3' from Wall-3' on Centre		
	1'	2'	3'
1'	22	20	22
2'	47	48	47
3'	47	47	47
4'	35	34	35
5'	28	28	28
6'	22	22	22
7'	17	17	17
8'	14	14	14
9'	11	11	11

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Multiple Units (42W) Footcandles on Wall

Distance From Ceiling in Feet	4' from Wall-4' on Centre		
	1'	2'	3'
1'	7	6	7
2'	21	20	21
3'	29	30	29
4'	26	26	26
5'	21	20	21
6'	18	17	18
7'	15	15	15
8'	14	14	14
9'	10	10	10

Performance Shielded Downlight ★★★★★



Reflector	Finish
1101HACB	Aluminum paint
1101HWHCB	White

Reference Data	
Reflector	1101HWHCB
Lamp	32W Triple
Lamp Lumens	2200
Efficiency	37.5%
Spacing Criterion	0.8 x 1.0

Application Data Single Unit Data 32W

Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter
6'	18	6'
7'	14	7'
8'	10	8'

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit Wattage Lamping

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

Frame-in Kit	Wattage	Lamping
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

Frame-in Kit	Wattage	Lamping
<i>New construction "ICX" AirSeal</i>		
1104ICXF263242 Series	26W 32/42W	(1) Triple/Quad (1) Triple

Multiple Units (32W)

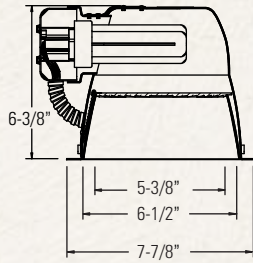
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	47	2.19
5'	32	1.52
6'	21	0.97

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

6-3/4" Performance Horizontal Trims

Performance Opal Lensed Downlight ★★★★★



Reflector	
1101HCLO	Specular Clear
1101HCDO	Clear Diffuse
1101HWHO	White

Reference Data	
Reflector	1101HCLO
Lamp	32W Triple
Lamp Lumens	2200
Efficiency	46.3%
Spacing Criterion	1.2

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Application Data Single Unit Data 32W			
Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter	
6'	16	7'	
7'	12	8'	
8'	9	9'	

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple
<i>New construction "ICX" AirSeal</i>		
1104ICXF263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple

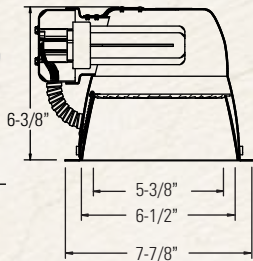
Multiple Units (32W)		
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	59	2.19
5'	41	1.52
6'	26	0.97

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances



Performance's three lensed products have a variety of lens styles. cCSAus listed for wet locations, these trims provide an halogen-like light source in an energy-efficient package ideal for showers, spas or outdoor overhangs.

Performance Clear Lensed Downlight ★★★★★



Reflector	
1101HCLC	Specular Clear
1101HCDC	Clear Diffuse
1101HWHC	White

Reference Data	
Reflector	1101HCLC
Lamp	32W Triple
Lamp Lumens	2200
Efficiency	52.8%
Spacing Criterion	1.0

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Application Data Single Unit Data 32W			
Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter	
6'	22	6'	
7'	16	7'	
8'	12	8'	

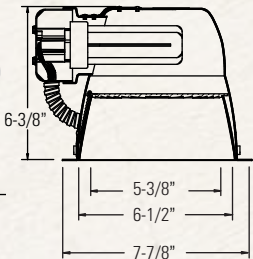
Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple
<i>New construction "ICX" AirSeal</i>		
1104ICXF263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple

Multiple Units (32W)		
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	68	2.19
5'	48	1.52
6'	31	0.97

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

Performance Fresnel Lensed Downlight ★★★★★



Reflector	
1101HCLF	Specular Clear
1101HCDF	Clear Diffuse
1101HWHF	White

Reference Data	
Reflector	1101HCLF
Lamp	32W Triple
Lamp Lumens	2200
Efficiency	46.2%
Spacing Criterion	1.0

Conversion Factor for Finishes:
 CD = footcandle x .90
 WH = footcandle x .70

Application Data Single Unit Data 32W			
Height to Lighted Plane	Initial Centre Beam Footcandles	Beam Diameter	
6'	20	6'	
7'	15	7'	
8'	11	8'	

Beam diameter is where footcandles drop to 50% of maximum.

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101F18 Series	18W	(1) Triple or Quad
1101F263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple
<i>Remodeler Non-IC</i>		
1103RF18 Series	18W	(1) Triple or Quad
1103RF263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple
<i>New construction "ICX" AirSeal</i>		
1104ICXF263242 Series	26W	(1) Triple/Quad
	32/42W	(1) Triple

Multiple Units (32W)		
Spacing On Centre	Average Initial Footcandles	Watts Sq. Ft.
4'	60	2.06
5'	41	1.43
6'	27	0.92

24' x 24' x 8.5' Room
 Workplane 2.5' Above Floor
 80% / 50% / 20% Reflectances

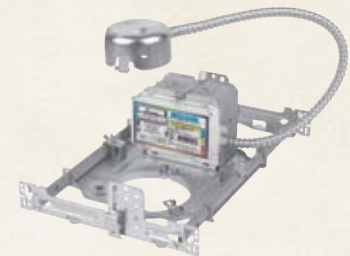
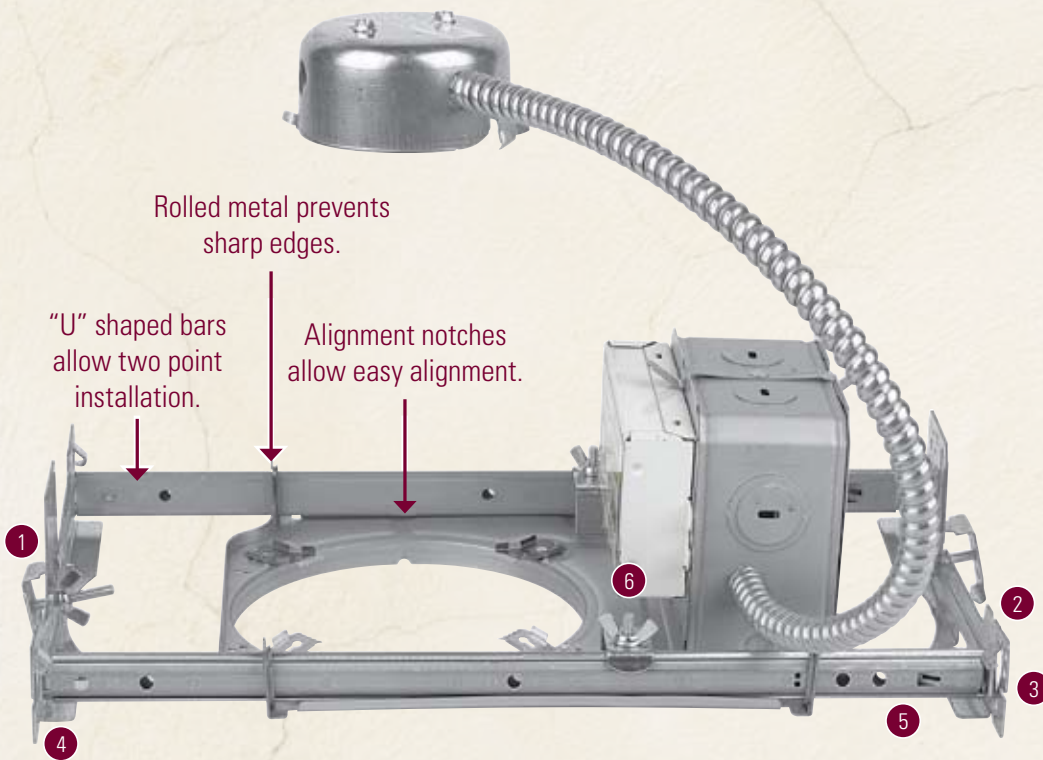
Certified for wet locations

Note: For comprehensive product availability, please consult Frame-in Kit lists on pages 16 to 21.

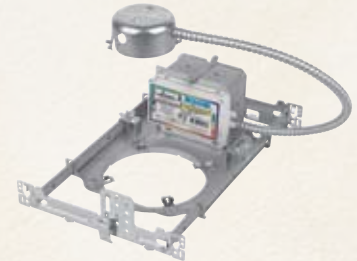
UniFRAME Frame-in Kits

It's all about **U**, The Contractor...

Designed with the contractor in mind, Lytecaster offers new Uniframe Frame-in Kits that are quick and easy to install. Uniframe's unique "U" design is tailor made for commercial installations. The U-shape mounting bars add support to the frame and allow for two installation points. Tool-free installation adjusts to any size grid ceiling and locks panel in place for cleanest installations. These Frame-in Kits, one lamp version, accept both horizontal and vertical optics and allow the use of most existing Lytecaster trims.



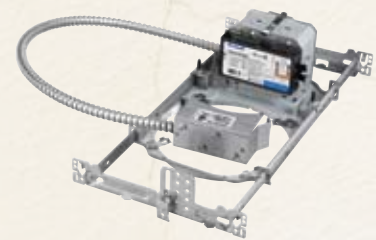
3-3/4" Non-IC Frame-in Kits



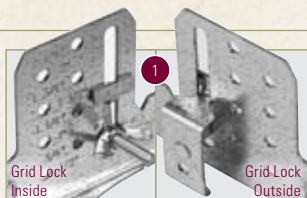
5-1/4" Non-IC Frame-in Kits



6-3/4" Non-IC Frame-in Kits



6-3/4" Non-IC Low Profile Frame-in Kits (2 lamps)



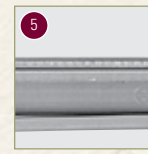
Tool-free installation in Grid Ceiling. Automatically adjusts to any T-Bar height, width, and ceiling thickness with our new Grid-Lock™.



Easily adaptable to wood construction with integrated nailing tabs and vertical alignment tabs for standard joists and strapping.



Design secures tile down on T-Bar eliminating the tile from floating upward during trim installation.



Easily adjusts from 16" O.C. wood joists to 24" O.C. T-Bar.



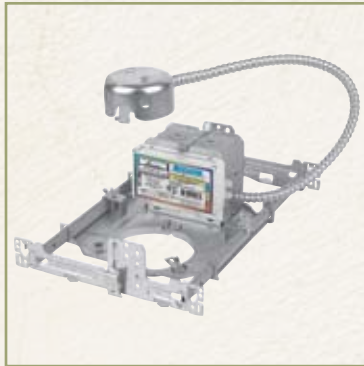
Locking mechanism eliminates frame movement.

To ensure Frame-in Kits compatibility please refer to spec sheets or Compact Fluorescent Matrix No. LCACFL08E-01

Frame-in Kits



3-3/4" Aperture New Construction



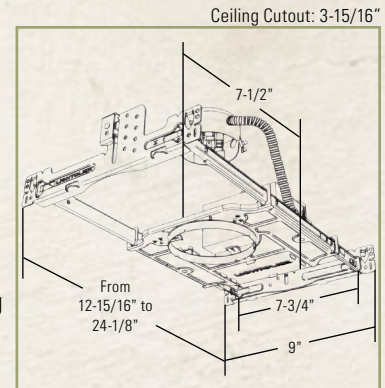
Mounting Frame: Accommodates all ceilings up to 1-1/2" thick

Junction Box: Through branch circuit conductors

Grid Ceiling Installation: Tool free mounting in grid ceilings, interlocking side bars adjust to 24-1/8" long, adjustable speed clamps for positive attachment to grid ceilings

Wood Joist Installation: Integral nail tabs, joist finder, fastener holes and bendable strapping guides for wood joist installation, interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C joist spacing, with or without strapping

Accessories: 1967A Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
2001F13N120	1x13W QT	4 Pin(G24q-1)	Electronic	120/277V	18W	0,15/0,07A
2001F13N347	1x13W TTT					
2001F18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120/277V	19W	0,16/0,07A
2001F18N347	1x18W TTT	4 Pin(GX24q-2)	Electronic	347V	21W	0,06A



3-3/4" Aperture IC AirSeal

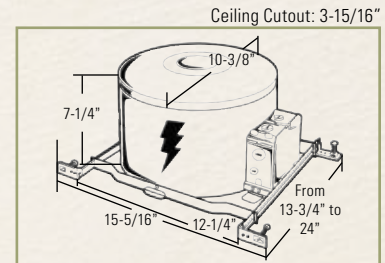


Mounting Frame: Accommodates all ceilings up to 1-1/2" thick. 3/8" deep integral lip AirSeal housing minimizes air leakage

Junction Box: Through branch circuit conductors

Mounting Bars: Bars pivot for easy attachment and wire-in below ceiling line. Integral nail, alignment guides. Bars extend to accommodate 24" O.C joist spacing

Accessories: 1967B Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
2004ICXF13N120	1x13W QT or 1x13W TTT	4 Pin(G24q-1) or 4 Pin(GX24q-1)	Electronic	120/277V	16W	0,13/0,06A
2004ICXF18N120	1x18W TTT	4 Pin(GX24q-2)				

Frame-in Kits



5-1/4" Aperture New Construction



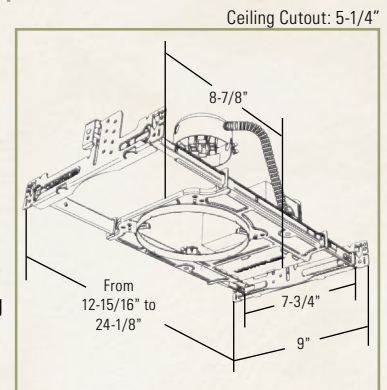
Mounting Frame: Accommodates all ceilings up to 1-1/2" thick

Junction Box: Through branch circuit conductors

Grid Ceiling Installation: Tool free mounting in grid ceilings, interlocking side bars adjust to 24-1/8" long, adjustable speed clamps for positive attachment to grid ceilings

Wood Joist Installation: Integral nail tabs, joist finder, fastener holes and bendable strapping guides for wood joist installation, interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C joist spacing, with or without strapping

Accessories: 1967B Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1001F13N120	1x13W QT	4 Pin(G24q-1) or 4 Pin(GX24q-1)	Electronic	120/277V	18W	0,15/0,07A
1001F13N347	1x13W TTT		Electronic	347V	18W	0,06A
1001F18HD120	1x18W TTT	4 Pin(GX24q-2)	Dimming Elect.	120/277V	20W	0,15/0,08A
1001F18M7120	1x18W TTT	4 Pin(GX24q-2)	Dimming Elect.	120/277V	20/7W	0,15/0,08A
1001F18MX120	1x18W TTT	4 Pin(GX24q-2)	Dimming Elect.	120V	22W	0,18A
1001F18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120/277V	19W	0,16/0,07A
1001F18N347	1x18W TTT	4 Pin(GX24q-2)	Electronic	347V	21W	0,06A
1001F18SE120	1x18W TTT	4 Pin(GX24q-2)	Dimming Elect.	120V	N/A	0,20A
1001F26HD120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120/277V	28W	0,22/0,10A
1001F26HL120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,26A
1001F26M7120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120/277V	28/8W	0,22/0,10A
1001F26MX120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	31/8W	0,26A
1001F26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120/277V	28W	0,25/0,11A
1001F26N347	1x26W TTT	4 Pin(GX24q-3)	Electronic	347V	29W	0,09A
1001F26SE120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,27A
1001F26TW120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,25A



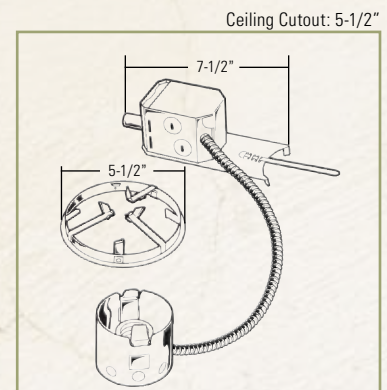
5-1/4" Aperture Remodeler



Mounting Ring: Accommodates all ceilings up to 2" thick

Junction Box: Attaches to mounting ring without tools

Trim Clips: "Push In / Twist Out" clips hold reflector flush to ceiling



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1003RF18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120/277V	20W	0,17/0,08A
1003RF18N347	1x18W TTT	4 Pin(GX24q-2)	Electronic	347V	21W	0,06A
1003RF26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120/277V	29W	0,24/0,11A
1003RF26N347	1x26W TTT	4 Pin(GX24q-3)	Electronic	347V	29W	0,09A

Frame-in Kits



5-1/4" Aperture IC AirSeal

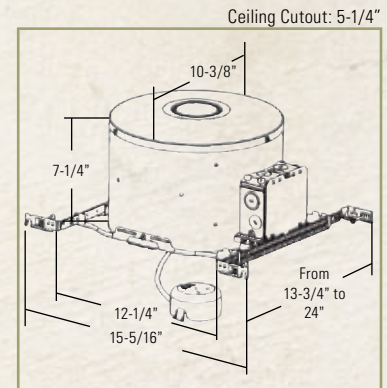


Mounting Frame: Accommodates all ceilings up to 1-1/2" thick. 3/8" deep integral lip AirSeal housing minimizes air leakage

Junction Box: Through branch circuit conductors

Mounting Bars: Bars pivot for easy attachment and wire-in below ceiling line. Integral nail tabs, alignment guides. Bars extend to accommodate 24" O.C joist spacing

Accessories: 1967B Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1004ICXF18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120/277V	20W	0,17/0,08A
1004ICXF26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120/277V	29W	0,24/0,11A
1004ICXF26MX120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	31/8W	0,26A



6-3/4" Aperture New Construction Low Profile 2 Lamps



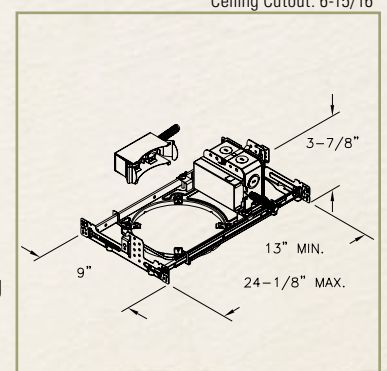
Mounting Frame: Accommodates all ceilings up to 1-1/2" thick

Junction Box: Through branch circuit conductors

Grid Ceiling Installation: Tool free mounting in grid ceilings, interlocking side bars adjust to 24-1/8" long, adjustable speed clamps for positive attachment to grid ceilings

Wood Joist Installation: Integral nail tabs, joist finder, fastener holes and bendable strapping guides for wood joist installation, interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C joist spacing, with or without strapping

Accessories: 1967A Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1101T13HD120	2x13W QT	4 Pin(G24q-1)	Dimming Elect.	120/277V	32W	0,26/0,12A
1101T13M7120	2x13W QT	4 Pin(G24q-1)	Dimming Elect.	120/277V	32/19W	0,26/0,12A
1101T13N120	2x13W QT	4 Pin(G24q-1)	Electronic	120/277V	32W	0,27/0,12A
1101T13N347	2x13W QT	4 Pin(G24q-1)	Electronic	347V	33W	0,10A
1101T18HD120	2x18W QT	4 Pin(G24q-2)	Dimming Elect.	120/277V	41W	0,32/0,15A
1101T18M7120	2x18W QT	4 Pin(G24q-2)	Dimming Elect.	120/277V	41/11W	0,32/0,15A
1101T18MX120	2x18W QT	4 Pin(G24q-2)	Dimming Elect.	120V	43W	0,36A
1101T18N120	2x18W QT	4 Pin(G24q-2)	Electronic	120/277V	38W	0,32/0,14A
1101T18N347	2x18W QT	4 Pin(G24q-2)	Electronic	347V	38W	0,11A
1101T18SE120	2x18W QT	4 Pin(G24q-2)	Dimming Elect.	120V	N/A	0,42A
1101T18TW120	2x18W QT	4 Pin(G24q-2)	Dimming Elect.	120V	N/A	0,41A
1101T26HD120	2x26W QT	4 Pin(G24q-3)	Dimming Elect.	120/277V	49W	0,41/0,18A
1101T26M7120	2x26W QT	4 Pin(G24q-3)	Dimming Elect.	120/277V	49/13W	0,41/0,18A
1101T26MX120	2x26W QT	4 Pin(G24q-3)	Dimming Elect.	120V	58/16W	0,48A
1101T26N120	2x26W QT	4 Pin(G24q-3)	Electronic	120/277V	56W	0,49/0,21A
1101T26N347	2x26W QT	4 Pin(G24q-3)	Electronic	347V	57W	0,17A
1101T26SE120	2x26W QT	4 Pin(G24q-3)	Dimming Elect.	120V	N/A	0,50A
1101T26TW120	2x26W QT	4 Pin(G24q-3)	Dimming Elect.	120V	N/A	0,45A

Frame-in Kits



6-3/4" Aperture New Construction



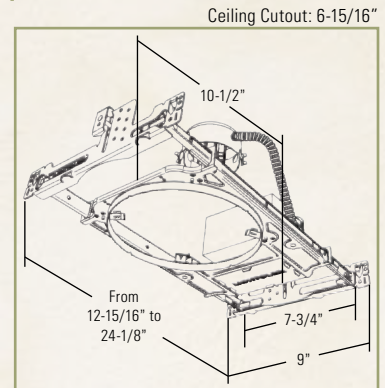
Mounting Frame: Accommodates all ceilings up to 1-1/2" thick

Junction Box: Through branch circuit conductors

Grid Ceiling Installation: Tool free mounting in grid ceilings, interlocking side bars adjust to 24-1/8" long, adjustable speed clamps for positive attachment to grid ceilings

Wood Joist Installation: Integral nail tabs, joist finder, fastener holes and bendable strapping guides for wood joist installation, interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C joist spacing, with or without strapping

Accessories: 1967A Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1101F18HD120	1x18W QT or 1x18W TTT	4 Pin(G24q-2) or 4 Pin(GX24q-2)	Dimming Elect.	120/277V	20W	0,15/0,08A
1101F18M7120			Dimming Elect.	120/277V	20/7W	0,15/0,08A
1101F18MX120			Dimming Elect.	120V	22W	0,18A
1101F18N120			Electronic	120/277V	22W	0,18/0,08A
1101F18N347			Electronic	347V	21W	0,11A
1101F18SE120			Dimming Elect.	120V	N/A	0,20A
1101F263242HD120	1x26W QT	4 Pin(G24q-3)	Dimming Elect.	120/277V	28W	0,22/0,10A
	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120/277V	28W	0,22/0,10A
	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120/277V	34W	0,28/0,13A
	1x42W TTT	4 Pin(GX24q-4)	Dimming Elect.	120/277V	46W	0,38/0,17A
1101F263242M7120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120/277V	28/8W	0,22/0,10A
	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120/277V	34/9W	0,28/0,13A
	1x42W TTT	4 Pin(GX24q-4)	Dimming Elect.	120/277V	46/9W	0,38/0,17A
1101F263242MX120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	31/8W	0,26A
	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	38/9W	0,32A
	1x42W TTT	4 Pin(GX24q-4)	Dimming Elect.	120V	49/10W	0,41A
1101F263242N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120/277V	28W	0,25/0,11A
	1x32W TTT	4 Pin(GX24q-3)	Electronic	120/277V	36W	0,32/0,14A
	1x42W TTT	4 Pin(GX24q-4)	Electronic	120/277V	48W	0,42/0,18A
1101F263242N347	1x26W TTT	4 Pin(GX24q-3)	Electronic	347V	29W	0,09A
	1x32W TTT	4 Pin(GX24q-3)	Electronic	347V	36W	0,11A
	1x42W TTT	4 Pin(GX24q-4)	Electronic	347V	49W	0,15A
1101F26HL120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,26A
1101F26SE120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,27A
1101F26TW120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,25A
1101F32HL120	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,31A
1101F32SE120	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,31A
1101F32TW120	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	N/A	0,33A
1101F42SE120	1x42W TTT	4 Pin(GX24q-4)	Dimming Elect.	120V	N/A	0,36A

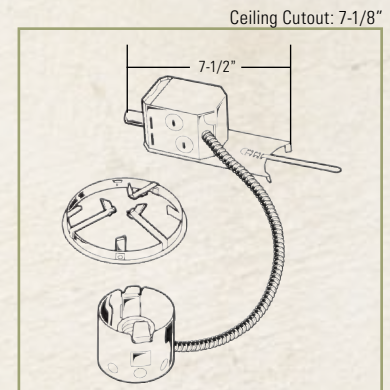
Frame-in Kits



6-3/4" Aperture Remodeler



- Mounting Ring:** Accommodates all ceilings up to 2" thick
- Junction Box:** Attaches to mounting ring without tools
- Trim Clips:** "Push In / Twist Out" clips hold reflector flush to ceiling



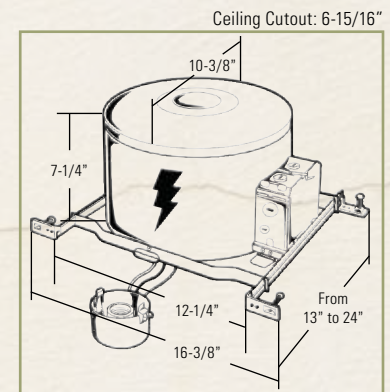
Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1103RF18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120/277V	20W	0,17/0,08A
1103RF18N347	1x18W TTT	4 Pin(GX24q-2)	Electronic	347V	21W	0,06A
1103RF263242N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120/277V	29W	0,24/0,11A
	1x32W TTT	4 Pin(GX24q-3)	Electronic	120/277V	36W	0,31/0,13A
	1x42W TTT	4 Pin(GX24q-4)	Electronic	120/277V	46W	0,38/0,17A
1103RF263242N347	1x26W TTT	4 Pin(GX24q-3)	Electronic	347V	29W	0,09A
	1x32W TTT	4 Pin(GX24q-3)	Electronic	347V	36W	0,11A
	1x42W TTT	4 Pin(GX24q-4)	Electronic	347V	49W	0,15A



6-3/4" Aperture IC AirSeal



- Mounting Frame:** Accommodates all ceilings up to 1-1/2" thick 3/8" deep integral lip. AirSeal housing minimizes air leakage
- Junction Box:** Through branch circuit conductors
- Mounting Bars:** Bars pivot for easy attachment and wire-in below ceiling line. Integral nail tab, alignment guides. Bars extend to accommodate 24" O.C joist spacing
- Accessories:** 1967B Extra Thick Ceiling Adapter (up to 2" thick)



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1104ICXF263242N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120/277V	29W	0,24/0,11A
	1x32W TTT	4 Pin(GX24q-3)	Electronic	120/277V	36W	0,31/0,13A
	1x42W TTT	4 Pin(GX24q-4)	Electronic	120/277V	46W	0,38/0,17A
1104ICXF2632MX120	1x26W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	31/8W	0,26A
	1x32W TTT	4 Pin(GX24q-3)	Dimming Elect.	120V	38/9W	0,32A

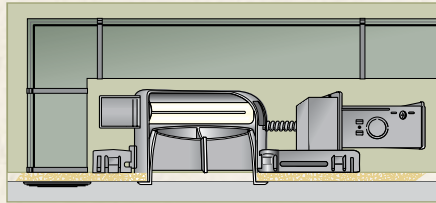
6-3/4" Low Profile 2 Lamps

Solution for shallow plenums.

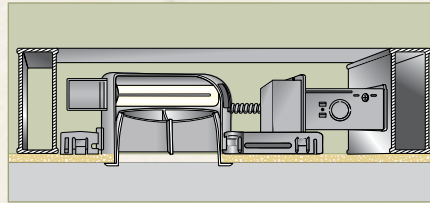
The 1101T Low Profile series offers the widest selection of lamp and ballast options in the shallowest design available. For complete installation details, see Low Profile Frame-in Kit information on page 19.

Ultra-shallow Low Profile is perfect where other recessed luminaires just won't fit.

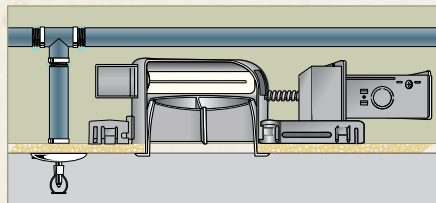
Only 4-1/4" deep including reflector trim, Low Profile recessed downlights are ideal for cramped areas in a variety of home and commercial applications.



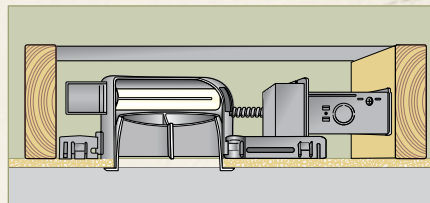
Beneath HVAC ducts



Inside shallow plenums



Under sprinkler lines



Between 2 x 6 wood or steel studs

Features:

- Ultra-compact Energy Smart downlights ideal for tight spaces
- Recessed model: only 4-1/4" deep
- Surface model: only 5" deep
- Choice of 6 reflectors suited for both recessed and surface models (see next 3 pages)
- Selection of reflectors suitable for wet locations 💧 (see 1126T and 1128T)
- Unitized Optics system provides consistently correct lamp alignment

Low Profile Surface Drum only 5" deep... Ideal for concrete ceilings and other cramped surface applications.

This Energy-efficient Surface Drum for 2x26W Quad Tube Lamps, features correct lamp alignment at all times, the same selection of Low Profile reflector trims (except 1128T) and the same lighting performance as its recessed counterpart. It comes with an electronic ballast for quiet, energy-efficient operation.



CS1102T Series c/w 1105TPMT

6-3/4" Low Profile 2 Lamps Surface Drums

Features:

- Tough die-cast aluminum housing in a white, black or metal paint finish
- Electronic ballast (HPF)
- Damp or wet location rated depending on trim used
- Style-matched Lytecaster Low Profile series
- Stem kit accessory: order cat. no. FA-CSA36-WH*, 36" length

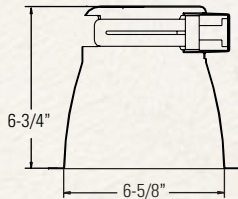
No.	Width	Depth	Lamps	Base	Volts	Total Input Watts	Input Current
CS1102T26HF120-WH/BK/MT*	10"	5"	2x26W QT	4 Pin (G24q-3)	120	50	0.45A
CS1102T26HF347-WH/BK/MT*	10"	5"	2x26W QT	4 Pin (G24q-3)	347	50	0.18A

*WH= White, BK= Black, MT= Metal paint

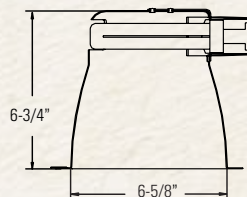
6-3/4" Low Profile 2 Lamps

Deep Reflector Horizontal Lamp CFL ★★★

Horizontal lamp position hides light source, ensures glare control. Self-flange for unified look with reflector finish and lower cost base. Unitized Optics system provides consistently correct lamp alignment. Easy front relamping.



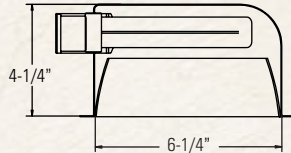
Reflector			
1142TCL	Specular Clear		
1142TCD	Clear Diffuse		
Frame-in Kit	Wattage	Lamping	
<i>New construction Non-IC</i>			
1101T13 SERIES	13W	(2) Quad	
1101T18 SERIES	18W	(2) Quad	



Reflector			
1142T26CL	Specular Clear		
1142T26CD	Clear Diffuse		
Frame-in Kit	Wattage	Lamping	
<i>New construction Non-IC</i>			
1101T26 SERIES	26W	(2) Quad	

Specular Alzak® Cone ★★

Specular clear Alzak® aperture cone and Quad Tube lamps provide best efficiency. High reflectivity white reflector for maximum reflectance.



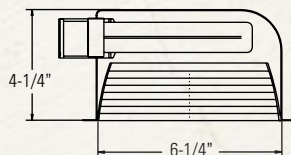
Reflector	
1105TCL	Specular clear Alzak®
1105TCCD	Comfort clear diffuse
1105TCCDMT	Comfort clear diffuse and Metal paint flange
1105TCLMT	Specular clear Alzak® and Metal paint flange
1105TPMT	Metal paint



Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101T13 SERIES	13W	(2) Quad
1101T18 SERIES	18W	(2) Quad
1101T26 SERIES	26W	(2) Quad
<i>Surface Drum</i>		
CS1102T26 SERIES	26W	(2) Quad

Premium Die-cast Step Baffle ★★

Versatile low brightness downlight with precision-fitted die-cast aluminum step baffle and high reflectivity white reflector. Recommended for use with 26W QT lamps.



Reflector	
1105T	Black step baffle
1105TMT	Metal paint

Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101T13 SERIES	13W	(2) Quad
1101T18 SERIES	18W	(2) Quad
1101T26 SERIES	26W	(2) Quad
<i>Surface Drum</i>		
CS1102T26 SERIES	26W	(2) Quad

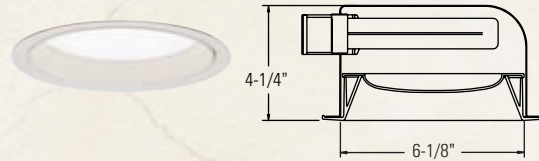
Note: For Frame-in Kits information please consult p.19 and for Surface Drum applications p.22

6-3/4" Low Profile 2 Lamps

White Diffuser ★★



Recessed in white polycarbonate splay. The white diffuser provides a crisp look and hides the lamp. Diffuser cleans easily. Suitable for showers, spas and wet locations. High reflectivity white reflector.



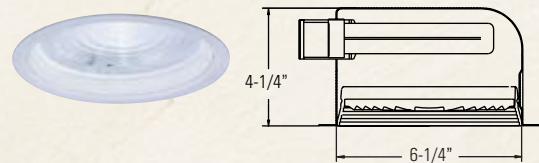
Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101T13 SERIES	13W	(2) Quad
1101T18 SERIES	18W	(2) Quad
1101T26 SERIES	26W	(2) Quad

Reflector
1128T White splay

Fresnel Lenslite ★★



Fresnel lens is recessed, comes in white or black bezel, spreads light evenly, gives high efficiency and low brightness; lens cleans easily. Anobrite® aluminum reflector maximizes output. Torsiontite springs allow lens assembly to be pulled down easily for relamping. Suitable for wet locations, showers and spas.



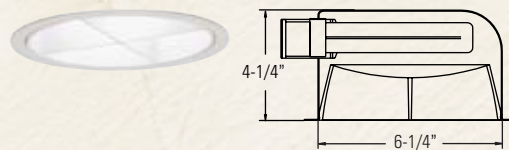
Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101T13 SERIES	13W	(2) Quad
1101T18 SERIES	18W	(2) Quad
1101T26 SERIES	26W	(2) Quad
<i>Surface Drum</i>		
CS1102T26 SERIES	26W	(2) Quad

Reflector
1126TWH White baffle
1126TMT Metal paint

Cross Blade ★★



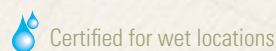
Exclusive cross blade louver provides a well-shielded soft lighting effect. High reflectivity white reflector. Ideal for corridor lighting, it offers a very wide lighting distribution with optimum glare control.



Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101T13 SERIES	13W	(2) Quad
1101T18 SERIES	18W	(2) Quad
1101T26 SERIES	26W	(2) Quad
<i>Surface Drum</i>		
CS1102T26 SERIES	26W	(2) Quad

Reflector
1132TA Satin Aluminum Louver
1132T White Louver
1132TMT Metallic Paint

Note: For Frame-in Kits information please consult p.19 and for Surface Drum applications p.22

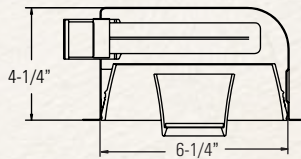


6-3/4" Low Profile 2 Lamps

Drop Turbo ★★



Innovative styling offering a decorative element. Standard 2" frosted glass hides lamp, provides a glare-free point source and is compatible with MR-16 colour filters and lenses. MR-16 accessory kit (KIT1136MR) available for double switching.



Frame-in Kit	Wattage	Lamping
<i>New construction Non-IC</i>		
1101T13 SERIES	13W	(2) Quad
1101T18 SERIES	18W	(2) Quad
1101T26 SERIES	26W	(2) Quad
<i>Surface Drum</i>		
CS1102T26 SERIES	26W	(2) Quad

Reflector

1136TA	Satin Aluminum Louver
1136TWH	White Louver
136TMT	Metallic Paint

Accessories



1101T26 Series c/w 1136TA and KIT1136MR

At 4-1/4" in depth, Lytecaster Low Profile recessed compact fluorescent downlights deliver high performance in residential and commercial applications with limited plenum access. Low Profile Drop Turbo shown here with MR-16 accessory kit.

Double Switching/Triple Lighting available with Low Profile Drop Turbo

With the MR-16 kit, Low Profile Drop Turbo provides three different lighting effects in a single luminaire: general (CFL), task (MR-16) and new general / task lighting (see Lighting Effects, page 5). The Drop Turbo MR-16 Kit is designed for easy integration of MR-16 lamping and wiring.

KIT1136MR



Drop Turbo MR-16 Kit

Adapter for easy MR-16 integration with Lytecaster Low profile CFL Frame-in Kits. Complete with wiring, junction box and transformer.

Note: For Frame-in Kits information please consult p.19 and for Surface Drum applications p.22

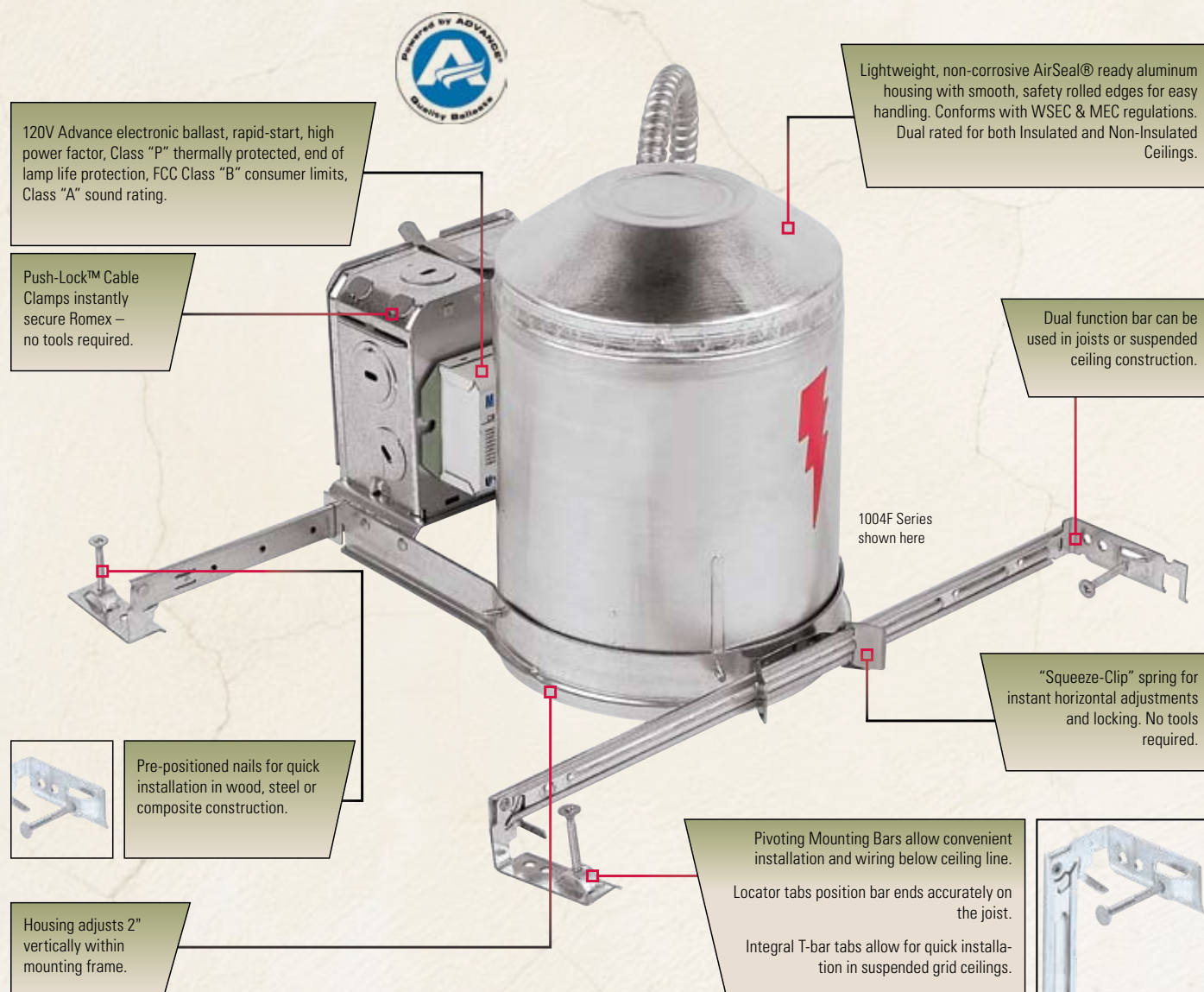
Lytening IC/NON-IC Convertible AirSeal



Lytening AirSeal frames are designed to meet the needs of our residential and commercial customers with our Commercially Focused design. Surpassing all the residential requirements, Lytening AirSeal is designed to provide superior performance by offering:

- Advance Ballast Technology
- Low THD (Total Harmonic Distortion)
- High Power Factor
- Superior Lamp Life (10,000 Hrs on Average)

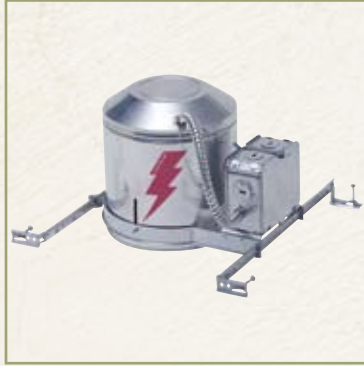
Combine the ease of installation that Lytening is famous for and the wide variety of compatible trims offered to create the perfect lighting package for any application.



To ensure Frame-in Kits compatibility please refer to spec sheets or Compact Fluorescent Matrix No. LCACFL08E-01

Lyteneing IC/NON-IC Convertible AirSeal

Lytening



5-1/4" Aperture IC / Non-IC AirSeal

Mounting Frame: Accommodates all ceilings up to 1-1/2" thick. 3/8" deep integral lip AirSeal housing minimizes air leakage

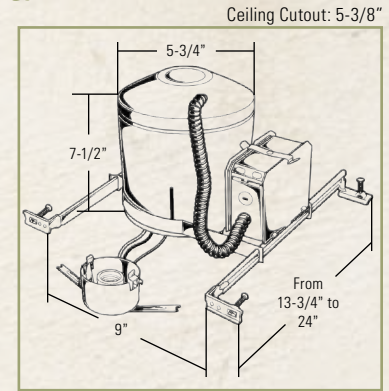
Junction Box: Through branch circuit conductors

Mounting Bars: Bars pivot for easy attachment and wire-in below ceiling line. Integral nail tab, alignment guides. Bars extend to accommodate 24" O.C joist spacing

Accessories: 1967B Extra Thick Ceiling Adapter (up to 2" thick)

Compatibility: With most existing Lytecaster trims

Not compatible: With Performance ★★★★★ trims



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1004ICF18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120V	19W	0,16A
1004ICF26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120V	27W	0,47A

Lytening



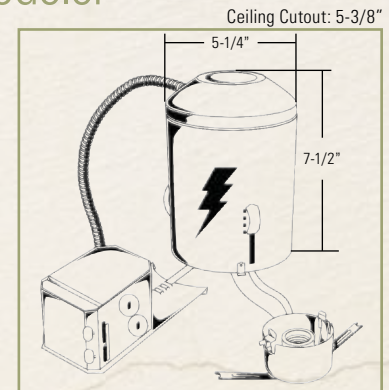
5-1/4" Aperture IC / Non-IC Remodeler

Housing: Accommodates all ceilings up to 2" thick AirSeal housing minimizes air leakage

Junction Box: Certified for branch circuit wiring

Compatibility: With most existing Lytecaster trims

Not compatible: With Performance ★★★★★ trims



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1004ICRF18N120	1x18W TTT	4 Pin(GX24q-2)	Electronic	120V	19W	0,16A
1004ICRF26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120V	27W	0,23A

Lytening IC/NON-IC Convertible AirSeal

Lytening



6-3/4" Aperture IC / Non-IC AirSeal

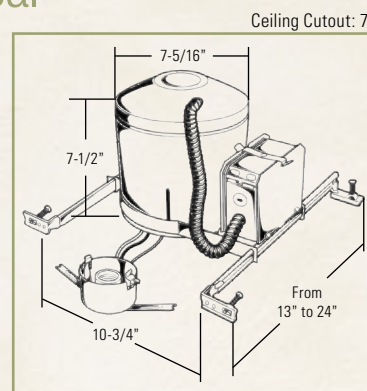
Mounting Frame: Accommodates all ceilings up to 2" thick. AirSeal housing minimizes air leakage

Junction Box: Certified for branch circuit wiring

Mounting Bars: Bars pivot for easy attachment and wire-in below ceiling line. Integral nail tab, alignment guides. Bars extend to accommodate 24" O.C joist spacing

Compatibility: With most existing Lytecaster trims

Not compatible: With Performance ★★★★★ trims



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1104ICF26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120V	27W	0,47A

Lytening



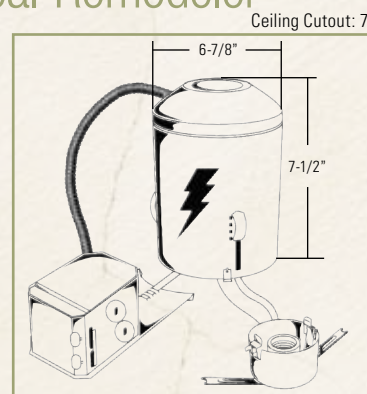
6-3/4" Aperture IC / Non-IC AirSeal Remodeler

Housing: Accommodates all ceilings up to 2" thick. AirSeal housing minimizes air leakage

Junction Box: Certified for branch circuit wiring

Compatibility: With most existing Lytecaster trims

Not compatible: With Performance ★★★★★ trims



Cat No.	Lamps	Base	Ballast	Volts	Total Input Watts	Input Current
1104ICRF26N120	1x26W TTT	4 Pin(GX24q-3)	Electronic	120V	27W	0,23A



Lytecaster Compact Fluorescent Lighting Program

Putting Lytecaster to Work

The following guidelines provide valuable information on the effective use of Lytecaster.

General Lighting

A simple layout of downlights follows five basic steps:

1. Determine the level of illumination, in footcandles, depending on the usage of the space. (Section A)
2. Select the light source based on efficiency, lamp life, colour and dimming ability.
Be sure to consider Energy Smart®, long-life compact fluorescent.
3. Select the downlight, based on light source, size and finish.
4. Use Light Loss Factors (Section B) to assure adequate maintained footcandles. (Maintained Footcandles = Initial Footcandles x LLF)
5. Determine downlight spacing from the chart (Section C).
When the layout is pre-determined by the space, use footcandle charts to find the lighting level.
When maximum spacing is desired (in a hallway, for example) use the Spacing Ratio (Section D) to assure even lighting.

Example: (1001CL) 1 x 26W Triple Tube

Given 1001CL Reflector Trims with one 26W Triple Tube lamp mounted in a small room with an 8.5' high white ceiling and light walls.

Find The spacing of fixtures for 20 to 30 footcandles at a 2-1/2' work plane.

Solution See Multiple Units chart. These fixtures, mounted on 6' centres, will provide 24 footcandles at a work plane height of 30". The Spacing Ratio of 1.3 allows these fixtures to be mounted up to 6' apart {1.3 x (8.5 - 2.5)} and still provide even lighting.

A Recommended General Lighting Levels

(Minimum, Maintained)		
	Commercial	Residential
High (Over 50 footcandles)	Price-Oriented Retail Quick Service Restaurants Fine Assembly Work Laboratories	Work Bench
Medium (30-50 footcandles)	General Retail General Office Classrooms Libraries Reception Leisure Restaurant	Hobby Areas Kitchens Laundry Study Home Office
Low (Less than 30 footcandles)	Public Spaces Corridors Stairs Social Areas Intimate Restaurant	Dining Room Hallways Closets

B Light Loss Factors

Light loss factors compensate for dirt accumulation and lamp depreciation.

Maintained Footcandles = Initial Footcandles x Light Loss Factor (LLF)

Fixture	Lamp Type	Maintenance Conditions		
		Good	Medium	Poor
Enclosed Downlights	Triple, Quad & Twin Tube	.75	.70	.60
Open Downlights	PAR, BR, MR	.80	.75	.70
	Triple, Quad & Twin Tube	.75	.70	.65

Good = Clean area, regular maintenance and group relamping.

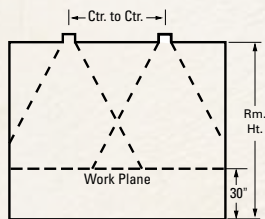
Medium = Medium dirty area, regular maintenance and spot relamping.

Poor = Dirty area, poor maintenance and spot relamping.

Putting Lytecaster to Work

C General Lighting from Multiple Units

Footcandle values are initial and average and are at a work plane height of 30" above the floor. They are shown for various fixture spacings in a large room (30' x 50') and a small room (8' x 12'), both with ceiling heights of 8' to 12'. Room finishes are typical: white ceiling (80% refl.), light walls (50% refl.), and dark floor (20% refl.).

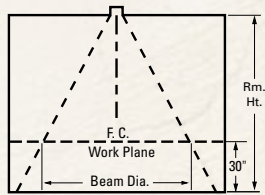


Example: (1001CL) 1 x 26W Triple Tube

Ctr. to Ctr.	Footcandles
Spacing	Large Room
4'	54
5'	38
6'	24

D Spacing Ratio

To find the maximum spacing of fixtures for even lighting, multiply the fixture's Spacing Ratio (S.R.) by the fixture height above the work plane.



Example: (1001CL) 1 x 26W Triple Tube

Height to Lighted Plane	Single Unit Data 26W	
	Initial Centre Beam Footcandles	Beam Diameter
6'	14	8'
7'	10	9'
8'	8	10'

Beam diameter is where footcandles drop to 50% of maximum.

E Footcandle Conversion for Downlights

Lamp wattages given for each Compact Fluorescent reflector trim are the maximum for the lamp type specified. To convert the lighting data to a lower wattage lamp of the same type, multiply the footcandle values by the ratio of the lumens of the two lamps. Note: beam diameter and spacing ratio (S.R.) do not change.

Given Lighting Data for 1001CL reflector trim with a 26W TTT lamp.

Find The footcandle level for 18W TTT lamp.

Solution Divide the lumens of the 18W TTT (1200) by the lumens of the 26W TTT (1800) {1200 divided by 1800 = 0.67}. Then, multiply the footcandle values of the fixture data by 0.7.

Conversion Factor for Finishes:


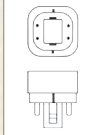
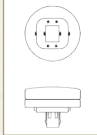
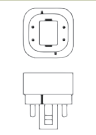
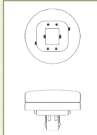
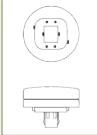
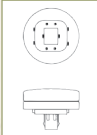
CL = Footcandle x 1

CD = Footcandle x .90

WH = Footcandle x .70

Lamp data

Compact Fluorescent Lamp Data (Plug-In Bulb T4)

QUAD (QT)	Triple Tube (TTT)
 <p>Wattage 13 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 900 Mean Lumens 755 Nominal Initial Lumens per Watt 69 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base G24q-1</p>	 <p>Wattage 13 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 900 Mean Lumens 755 Nominal Initial Lumens per Watt 69 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base GX24q-1</p>
 <p>Wattage 18 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 1200 Mean Lumens 970 Nominal Initial Lumens per Watt 66 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base G24q-2</p>	 <p>Wattage 18 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 1200 Mean Lumens 1010 Nominal Initial Lumens per Watt 66 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base GX24q-2</p>
 <p>Wattage 26 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 1800 Mean Lumens 1548 Nominal Initial Lumens per Watt 69 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base G24q-3</p>	 <p>Wattage 26 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 1800 Mean Lumens 1548 Nominal Initial Lumens per Watt 69 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base GX24q-3</p>
	 <p>Wattage 32 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 2400 Mean Lumens 2064 Nominal Initial Lumens per Watt 75 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base GX24q-3</p>
	 <p>Wattage 42 Rated Life 12000 hrs Starting Temperature (MIN) -18 °C (-0 °F) Initial Lumens 3200 Mean Lumens 2690 Nominal Initial Lumens per Watt 76 Colour Temperature* Colour Rendering Index (CRI) 82</p> <p>Base GX24q-4</p>

*Colour Temperature: 2700K, 3000K, 3500K, 4100K

Rated average life under specified test conditions with lamps turned off and restarted no more frequently than once every three operating hours.

Compact Fluorescent Products vs. Self-Ballasted CFL lamps

The recent popularity of screw-base compact fluorescent lamps with the ballast built in has done a lot to promote energy efficiency, but there are several differences between these products and a complete compact fluorescent fixture.

Most importantly, you must verify that the lamp you are looking at is designed for recessed lighting. Many self-ballasted screw-in lamps are not designed to operate in recessed fixtures. As a result, the lamp will operate at higher temperatures in this application, causing significant reductions in light output and lamp life. A complete fluorescent fixture designed for pin-based fluorescent lamps is optimized to achieve maximum light output, extended lamp life, brightness control and aesthetic appeal. It is usually more cost effective to replace a pin-based lamp compared to a self-based lamp.

Some CFL lamps contain mercury and, much like paint, thermostats and other hazardous household items, they should be disposed of in accordance with local requirements and in an environmentally friendly way.



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Empowering Success

Lightolier... Inspiring Intelligent Expression

Lightolier helps bring lighting ideas to life in residential, commercial and institutional markets with a complete line of stylish, innovative and energy-efficient luminaires, including Uniframe, Performance, Lytening AirSeal and other models in the Lytecaster family of recessed downlights, which are engineered and assembled in North America.

Lightolier Compact Fluorescent Program solutions are backed by a nationwide sales force of trained Canlyte representatives offering a wide range of support services. These include computer assisted Genesys III lighting design workstations, which simulate the lighting options and calculations for a given space, and the Lighting Concept Centre, a 7,500 square foot demonstration facility giving lighting professionals the opportunity to see lighting solutions in action.

For more information, contact:

Canlyte

A Philips group brand


3015 Louis-Amos
Lachine, QC H8T 1C4
Phone: 514-636-0670
Fax: 514-636-0460
Website: www.canlyte.com
Email: info@canlyte.com

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We reserve the right to change details of design, materials and finish that will not alter installed appearance or reduce function and performance.

 Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org.