

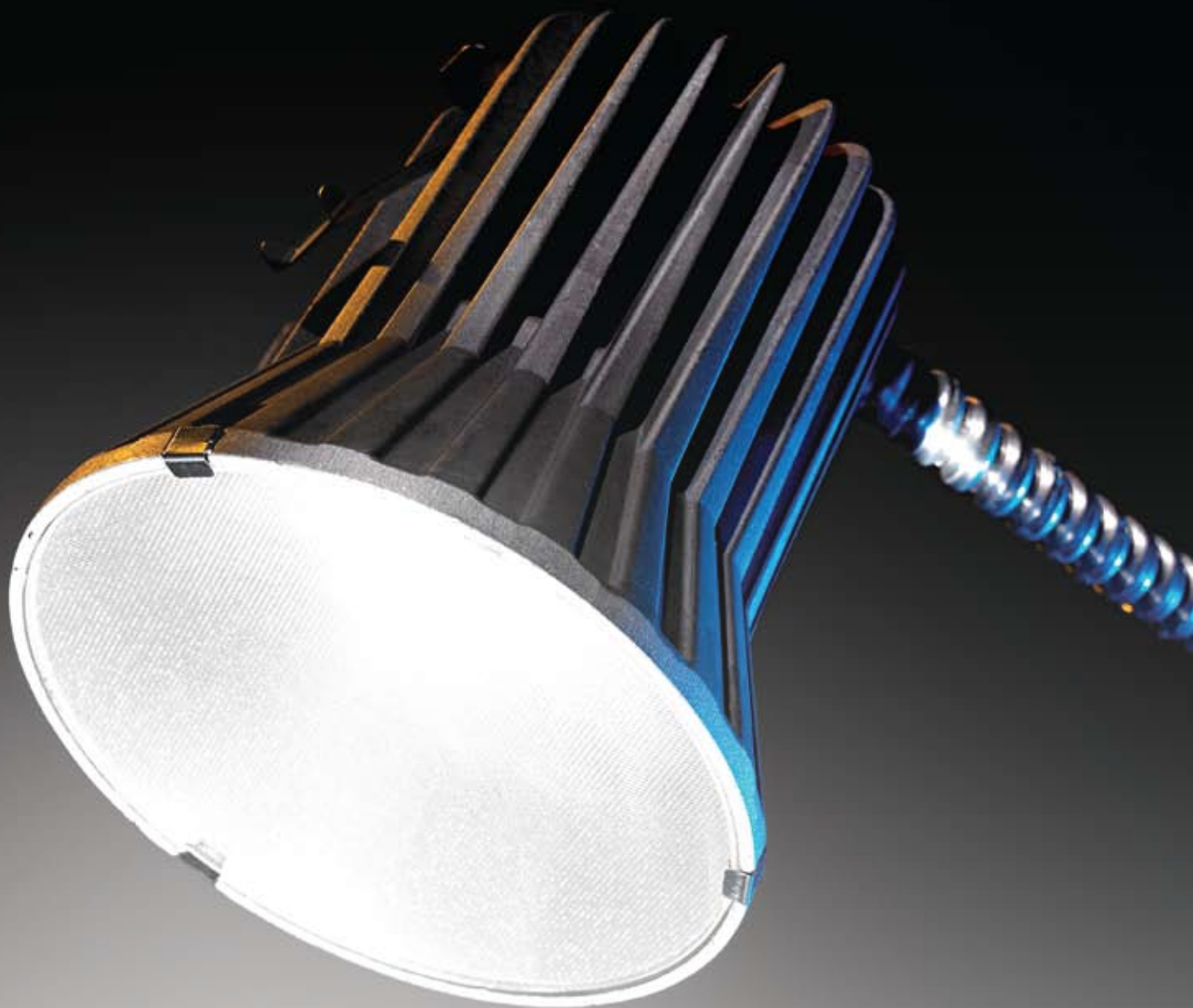


Lytecaster

LED

CANLYTE

PHILIPS  
LIGHTOLIER



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### **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

Sustainable Excellence



Technology should enhance your lighting, not detract from it. Lytecaster's line of LED products provides value added features, proven performance and the quality you've come to expect from Lytecaster for over 40 years.



Designed for commercial applications, our LED line of products are created to meet the demanding needs of these applications. As part of a total lighting system, our LED technology is designed and tested for performance, aesthetics and reliability.

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## TECHNOLOGY

Lytecaster features the Lightolier Unitized Optics System that incorporates a snap-on socket and a push-up, self-flanged reflector. This system keeps the socket and the reflector in proper alignment with the ceiling at all times to achieve maximum light output and minimum glare. It also eliminates distracting light leaks as well as the need for socket height adjustment.

Heat sink is shaped to fit Lytecaster reflectors in such a way as to maximize thermal management; critical to light output, life and colour stability while keeping the integrity of the Unitized Optic System. The fully enclosed light engine eliminates field contamination.

Carbon pad is applied to eliminate insulating air gaps, maximizing heat transfer from the LED board to the heat sink.

White light LED board mixed in a chamber designed to maximize efficacy and excellent colour consistency.

Mixing chamber uses specular reflectors offering optimized shape and maximum reflectivity material to increase efficiency.

Solite glass lens has high transmission value with slight texturing to provide a smooth consistent beam distribution.

Lightolier's unique die-cast step baffle.



## SELLING STORY



**PHILIPS**  
**LIGHTOLIER**

**5** year  
warranty



### Quality White Light

Lytecaster LED is committed to quality lighting. Our tightly controlled custom binning process and controlled mixing chamber ensure a quality white light and excellent colour constancy. In fact, our colour constancy is held to a tolerance twice as controlled as the current Energy Star standards.

### Trusted Quality

Embrace new technology in your lighting designs with Lytecaster LED. With a 5 year warranty Lytecaster LED is the product you can trust for quality and performance. Tested to meet the demanding standard of Energy Star.

### Low Total Cost of Ownership

Lytecaster LED provides the light output of a 75w PAR lamp using less than 20 watts of energy. This can save hundreds of dollars per fixture over the life of the lamp while reducing your carbon footprint. This, incorporated with a lower maintenance cost, can result in a return on investment of less than 24 months while helping the environment.

### Lighting Design Flexibility



Energy efficiency is a single component of the lighting equation. Lytecaster provides superior performance and aesthetics through its unique design that also allows you to use our existing trims. Lytecaster LED program is compatible with a selection of our most popular trim styles and finishes to provide you with a quality look and the ability to easily match installed products. For compatibility list see p. 8-10.

### Visual Comfort



PAR and LED



BR and LED

Designed to have the look and feel of incandescent lamps, Lytecaster LED looks similar to existing PAR lamps and with our regressed mixing chamber, actually provides an excellent cut-off for exceptional glare control and visual comfort.

# CONVERSION KIT

## Key Features

- Tool free installation
- Improved cut-off and optic performance versus BR30 lamps
- Uses 75% less energy than PAR lamps
- Works with both 5" & 6" Lytecaster Non-IC frames I002/I102 and R60I/R70I
- Lytecaster LED Conversion Kit is compatible with a selection of trims (see p. 8-10). Please note that converting an existing installation may require the replacement of the actual trim installed
- Replace existing incandescent sources with comparable lighting and aesthetic
- Dimming models can use existing incandescent dimmer and wiring; saving money and labour. (see LED-DIM specification sheet on [www.canlyte.com](http://www.canlyte.com))
- Not all compatible trims to be used with the Conversion Kit are Energy Star. Go to Compatibility list on p. 11 for Energy Star trims



## Ordering Guide

Catalog No.	Ceiling	Colour Temp	Input Voltage	Wattage	Lumens	Trims
L56LED09S271	Non-IC Retrofit	2700k	120V	19W	900 lm Exact system lumens depends on trim used	Pages 8-10
L56LED09S27D1	Non-IC Retrofit (dimming)*			23W		
L56LED09S351	Non-IC Retrofit	3500k		19W		
L56LED09S35D1	Non-IC Retrofit (dimming)*			23W		

\*Refer to LED-DIM specification sheet on [www.canlyte.com](http://www.canlyte.com).

All testing conducted in accordance with IESNA LM79 and LM80 standards.

## TOOL FREE INSTALLATION



Lytecaster's tool free installation conversion kit design is so simple, it's almost as easy as replacing a lamp but using 75% less energy than a comparable incandescent lamp while offering the same visual comfort and performance unlike other retrofits available.

### Step 1

Remove the incandescent lamp and pull the existing trim down from the ceiling. Place the trim to the side.



### Step 2

Attach the male screw shell to the lamp socket and secure to the socket cup.



### Step 3

Install the LED driver onto the frame by sliding the driver clip under the frame.



### Step 4

Install the heat sink into the trim and clip the wiring to the top of the heat sink. Lytecaster LED is compatible with many existing trims. (see p. 8-10)



### Step 5

Push the trim back into the ceiling.





# REMODELER

## Key Features

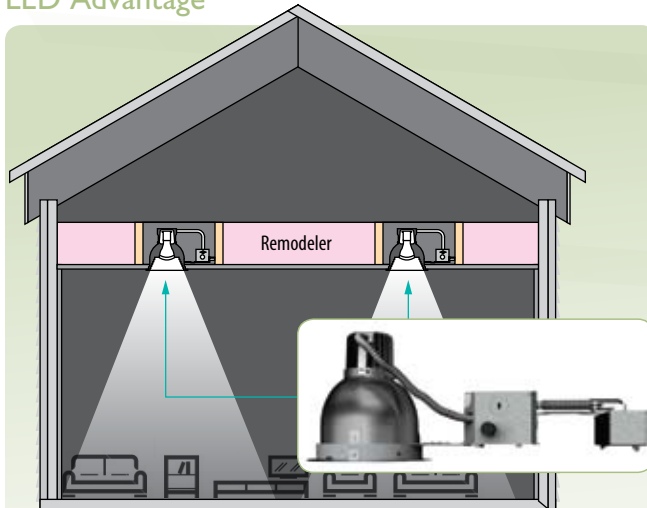
- Easily installs into existing non-insulated ceilings
- Equal to a 75W incandescent
- Uses 75% less energy than incandescent
- Improved cut-off and optic performance
- Comparable design to our 5-1/4" I003R / 6-3/4" I103R remodeler  
For compatible trim selection please see p. 8-10.
- Swivel driver housing to facilitate insertion
- Not all compatible trims to be used with the Remodeler are Energy Star  
Go to Compatibility list on p. 11 for Energy Star trims



Remodeler and trim shown.



## LED Advantage

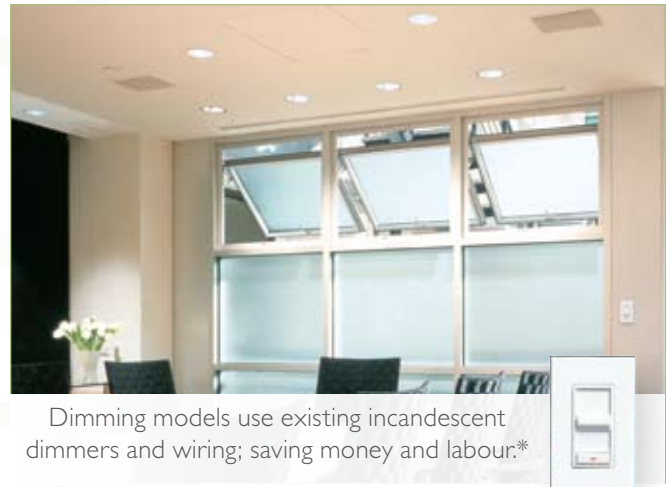


- ✓ Easily installs into existing non-insulated ceilings from below.
- ✓ Add energy efficient lighting to any room.
- ✓ Replace existing fixtures with comparable lighting using a fraction of the energy.

## Ordering Guide

Catalog No.	Ceiling	Colour Temp	Input Voltage	Wattage	Lumens	Trims	
1000LED09R271	5-1/4" Non-IC Remodeler	2700k	120V	19W	900 lm Exact system lumens depends on trim used	Page 8	
1000LED09R27D1	5-1/4" Non-IC Remodeler (dimming)*			23W			
1000LED09R351	5-1/4" Non-IC Remodeler	3500k		19W			
1000LED09R35D1	5-1/4" Non-IC Remodeler (dimming)*			23W			
1100LED09R271	6-3/4" Non-IC Remodeler	2700k		19W			Pages 9-10
1100LED09R27D1	6-3/4" Non-IC Remodeler (dimming)*			23W			
1100LED09R351	6-3/4" Non-IC Remodeler	3500k		19W			
1100LED09R35D1	6-3/4" Non-IC Remodeler (dimming)*			23W			

## Dimming



Dimming models use existing incandescent dimmers and wiring; saving money and labour.\*

## Easy Installation

Adhesive cutting template makes it easy to mark installation points while the unique mounting ring (shown) securely holds to the ceiling while securing the trim for a flawless installation.

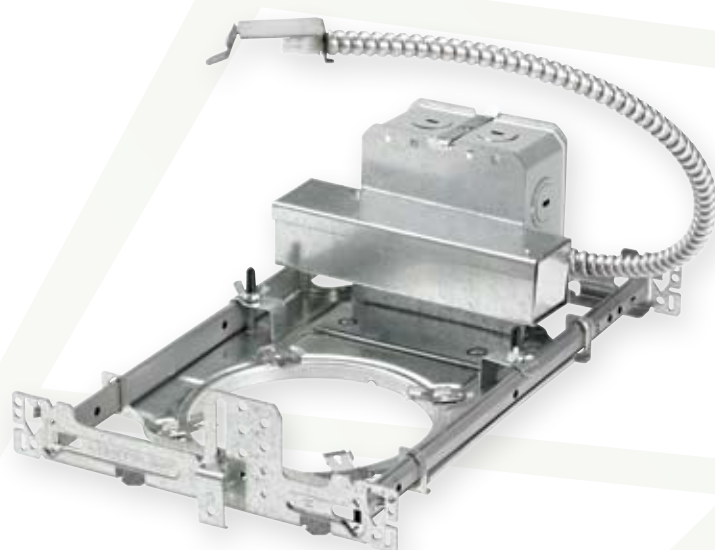


\*Refer to LED-DIM specification sheet on [www.canlyte.com](http://www.canlyte.com).

All testing conducted in accordance with IESNA LM79 and LM80 standards.

For complete specification information visit. [www.canlyte.com](http://www.canlyte.com).



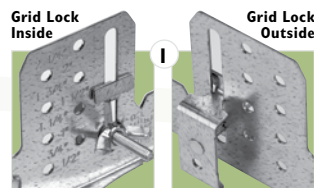


## Key Features

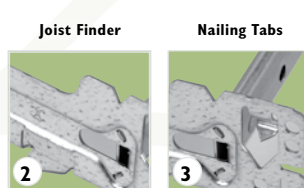
- Proven to be the best-in-class for T-Bar ceiling installation
- Tool free installation in commercial non-insulated ceilings
- Cuts installation time by up to 50%
- Ideal for light commercial, hospitality and multi-family installations
- Improved cut-off and optic performance  
For compatible trim selection please see p. 8-10.
- Uses 75% less energy than incandescent
- Not all compatible trims to be used with Uniframe LED are Energy Star. Go to Compatibility list on p. 11 for Energy Star trims



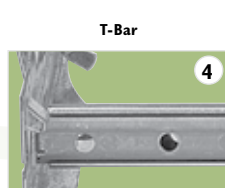
Uniframe LED provides all the great tool-free installation features of the original Uniframe product while using 75% less energy than comparable incandescent lamps



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 floating upward during trim installation.



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



Locking mechanism eliminates frame movement.

## Ordering Guide

Catalog No.	Ceiling	Colour Temp	Input Voltage	Wattage	Lumens	Trims
<b>1001LED09N271</b>	5-1/4" Non-IC New Construction	2700k	120V	19W	900 lm Exact system lumens depends on trim used	Page 8
<b>1001LED09N27D1</b>	5-1/4" Non-IC New Construction (dimming)*		120V	23W		
<b>1001LED09N271-347</b>	5-1/4" Non-IC New Construction		347V	24W		
<b>1001LED09N351</b>	5-1/4" Non-IC New Construction	3500k	120V	19W		
<b>1001LED09N35D1</b>	5-1/4" Non-IC New Construction (dimming)*		120V	23W		
<b>1001LED09N351-347</b>	5-1/4" Non-IC New Construction		347V	24W		
<b>1101LED09N271</b>	6-3/4" Non-IC New Construction	2700k	120V	19W		Pages 9-10
<b>1101LED09N27D1</b>	6-3/4" Non-IC New Construction (dimming)*		120V	23W		
<b>1101LED09N271-347</b>	6-3/4" Non-IC New Construction		347V	24W		
<b>1101LED09N351</b>	6-3/4" Non-IC New Construction	3500k	120V	19W		
<b>1101LED09N35D1</b>	6-3/4" Non-IC New Construction (dimming)*		120V	23W		
<b>1101LED09N351-347</b>	6-3/4" Non-IC New Construction		347V	24W		

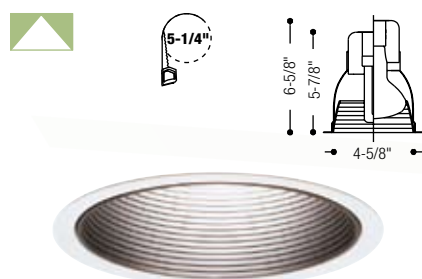
For 277V version please consult the Specs sheet available on [www.canlyte.com](http://www.canlyte.com). All testing conducted in accordance with IESNA LM79 and LM80 standards.

\*Refer to LED-DIM specification sheet on [www.canlyte.com](http://www.canlyte.com) for detailed dimming information.

## LED COMPATIBLE TRIMS - 1000 Series 5-1/4" Aperture

Not all trims are compatible with the Lytecaster LED system due to the geometry of the light engine. Please refer to the trim listing below for compatibility. When converting an existing project using the Conversion Kit, the trim already installed may have to be replaced by any of the trims listed below.

LED photometries are calculated using 2700K version.



**1005** Black Baffle  
**1005WH** White Baffle

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	27	8
9'	19	9
10'	15	10
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	43	31
5'	30	21
6'	20	12

Catalogue No: 1005WH

COMPACT FLUORESCENT		
26W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	6	19
9'	5	12
10'	4	15
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	42	24
5'	29	16
6'	20	8

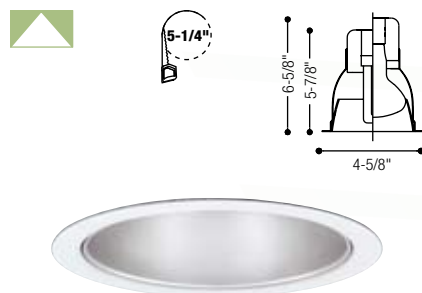
Catalogue No: 1005WH

INCANDESCENT			
75W PAR30 Single Unit			
Ht. to Floor	F.C.	Beam Dia.	
	At 30" Above Floor		
8'	61	6	
9'	43	7	
10'	33	8	
Multiple Units			
Ctr. to Ctr.	Footcandles		
	Lrg. Room	Sml. Room	
4'	63	55	
5'	45	37	
6'	34	18	

Catalogue No: 1005

INCANDESCENT		
65W BR30 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	13	10
9'	9	11
10'	7	12
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	28	19
5'	20	13
6'	13	7

Catalogue No: 1005



**1005CL** Specular Clear Alzak®  
**1005BA** Specular Black Alzak®  
**1005CCD** Comfort Clear™ Diffuse

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	35	8
9'	25	9
10'	19	10
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	49	38
5'	34	25
6'	23	15

Catalogue No: 1005CL

COMPACT FLUORESCENT		
13W QT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	6	11
9'	4.5	12
10'	3	13
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	26	16
5'	18	11
6'	12	6

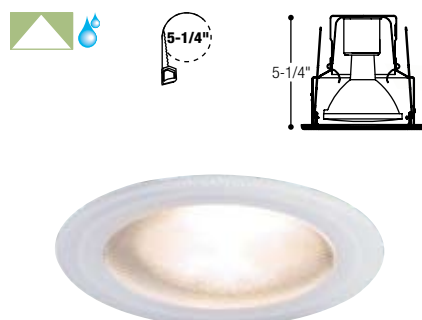
Catalogue No: 1005CL

INCANDESCENT		
75W PAR30 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	59	6
9'	42	7
10'	32	8
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	72	62
5'	51	41
6'	34	21

Catalogue No: 1005CL

INCANDESCENT		
65W BR30 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	14	16
9'	10	18
10'	8	20
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	44	28
5'	31	19
6'	20	10

Catalogue No: 1005CL

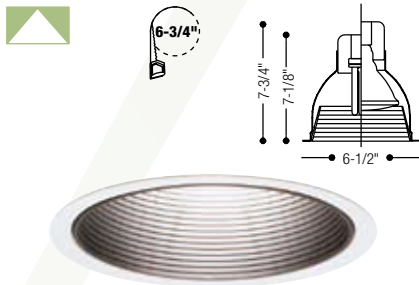


**1090** Frosted Lens

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	20	9
9'	15	10
10'	11	11
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	44	29
5'	30	19
6'	20	11

Catalogue No: 1090

# COMPATIBILITY - I100 Series 6-3/4" Aperture



**1105** Black Baffle  
**1105WH** White Baffle

LED			
L56LED09S271 Single Unit			
Ht. to Floor	FC	Beam Dia.	
	At 30" Above Floor		
	8'	27	9
	9'	19	10
	10'	14	11
Multiple Units			
Ctr. to Ctr.	Footcandles		
	Lrg. Room	Sml. Room	
	4'	48	34
	5'	33	23
	6'	22	13

Catalogue No: 1105WH

COMPACT FLUORESCENT		
32W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	19	12
9'	13	14
10'	10	16
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	53	40
5'	38	27
6'	25	13

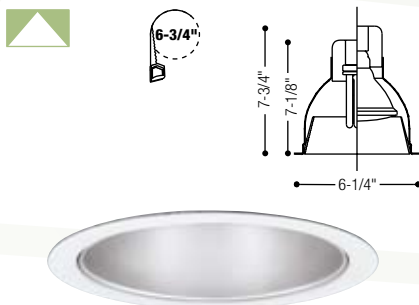
Catalogue No: 1105

INCANDESCENT		
75W PAR38 Single Unit		
Ht. to Floor	F.C.	Beam Dia
	At 30" Above Floor	
8'	116	4
9'	82	4.5
10'	62	5
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	63	53
5'	53	35
6'	27	20

Catalogue No: 1105WH

INCANDESCENT		
120W BR40 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	29	10
9'	21	11
10'	16	12
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	63	43
5'	45	28
6'	30	16

Catalogue No: 1105WH



**1105CL** Specular Clear Alzak®  
**1105BA** Specular Black Alzak®  
**1105CCD** Comfort Clear™ Diffuse

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	27	10
9'	19	11
10'	14	12
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	51	38
5'	35	26
6'	24	15

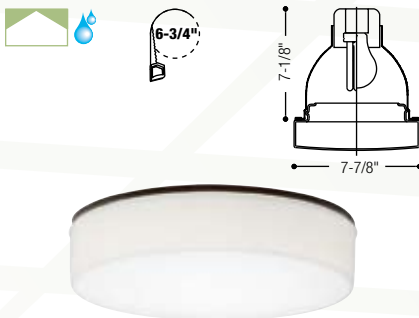
Catalogue No: 1105CL

COMPACT FLUORESCENT		
32W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	26	12
9'	19	14
10'	14	16
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	80	60
5'	57	40
6'	38	20

Catalogue No: 1105CL

INCANDESCENT		
90W PAR38 Single Unit		
Ht. to Floor	F.C.	Beam Dia
	At 30" Above Floor	
8'	136	4
9'	97	4.5
10'	73	5
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	81	73
5'	58	49
6'	28	24

Catalogue No: 1105CL



**1121** Opal Glass

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
	8'	30
	9'	34
	10'	38
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
	4'	23
	5'	16
	6'	11

Catalogue No: 1121

COMPACT FLUORESCENT		
32W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	7	40
9'	5	45
10'	4	50
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	40	11
5'	29	7
6'	19	4

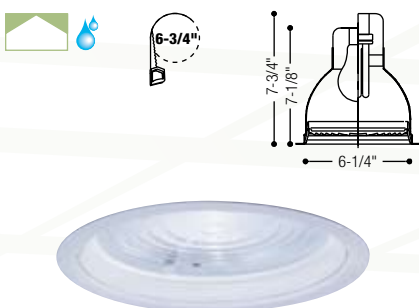
Catalogue No: 1121

COMPACT FLUORESCENT			
13W QT Single Unit			
Ht. to Floor	F.C.	Beam Dia.	
	At 30" Above Floor		
8'	3	33	
9'	2	37	
10'	1.5	41	
Multiple Units			
Ctr. to Ctr.	Footcandles		
	Lrg. Room	Sml. Room	
4'	15	9	
5'	10	6	
6'	7	3	

Catalogue No: 1121

INCANDESCENT		
100W A19 Single Unit		
Ht. to Floor	FC	Beam Dia.
	At 30" Above Floor	
8'	8	22
9'	6	25
10'	4	28
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	38	25
5'	27	17
6'	18	9

Catalogue No: 1121



**1126WH** White Baffle  
**1126BK** Black Baffle

LED		
L56LED09S271		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	29	8
9'	21	9
10'	15	10
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	44	33
5'	31	22
6'	21	13

Catalogue No: 1126WH

COMPACT FLUORESCENT		
13W QT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	9	12
9'	6	13.5
10'	5	15
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	24	18
5'	17	12
6'	11	6

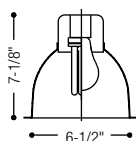
Catalogue No: 1126WH

HID		
70W ED17 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30" Above Floor	
8'	34	13
9'	24	14.5
10'	18	16
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	130	98
5'	93	65
6'	62	33

Catalogue No: 1126WH



## COMPATIBILITY - I100 Series 6-3/4" Aperture



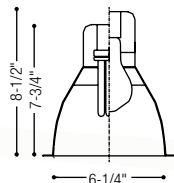
**1144CL** Specular Clear Alzak®

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30° Above Floor	
8'	27	11
9'	19	12
10'	14	13
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	51	37
5'	35	25
6'	24	14

Catalogue No: 1144CL

COMPACT FLUORESCENT		
26W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30° Above Floor	
8'	12	12
9'	9	14
10'	6	16
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	80	51
5'	57	32
6'	43	17

Catalogue No: 1144CL



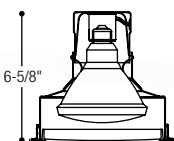
**1146CL** Specular Clear Alzak®  
**1146CCD** Comfort Clear Diffuse™

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30° Above Floor	
8'	26	10
9'	19	11.5
10'	14	13
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	52	38
5'	37	26
6'	24	15

Catalogue No: 1146CL

COMPACT FLUORESCENT		
32W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30° Above Floor	
8'	30	12
9'	22	14
10'	16	16
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	77	60
5'	55	40
6'	37	20

Catalogue No: 1146CL



**1190** Frosted Lens

LED		
L56LED09S271 Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30° Above Floor	
8'	21	9
9'	15	10
10'	11	11
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	45	30
5'	31	20
6'	21	11

COMPACT FLUORESCENT		
26W TTT Single Unit		
Ht. to Floor	F.C.	Beam Dia.
	At 30° Above Floor	
8'	9	17
9'	7	19
10'	5	21
Multiple Units		
Ctr. to Ctr.	Footcandles	
	Lrg. Room	Sml. Room
4'	36	20
5'	25	14
6'	17	7



	1005	1005WH	1005BA	1005CCD	1005CL	1090
<b>Conversion Kit</b>						
L56LED09S271	✗	✓	✗	✓	✓	✓
L56LED09S27D1	✗	✗	✗	✓	✓	✓
L56LED09S351	✗	✓	✓	✓	✓	✓
L56LED09S35D1	✗	✓	✗	✓	✓	✓
<b>Remodeler</b>						
1000LED09R271	✗	✓	✗	✓	✓	✓
1000LED09R27D1	✗	✗	✗	✓	✓	✓
1000LED09R351	✗	✓	✓	✓	✓	✓
1000LED09R35D1	✗	✓	✗	✓	✓	✓
<b>Uniframe</b>						
1001LED09N271	✗	✓	✗	✓	✓	✓
1001LED09N27D1	✗	✓	✗	✓	✓	✓
1001LED09N351	✗	✓	✓	✓	✓	✓
1001LED09N35D1	✗	✓	✓	✓	✓	✓

Items with a check meet Energy Star norms for the commercial market. For updated information see trim specification sheet on [www.canlyte.com](http://www.canlyte.com).

	1105	1105WH	1105CL	1105BA	1105CCD	1121	1126WH	1126BK	1144CL	1146CL	1146CCD	1190
<b>Conversion Kit</b>												
L56LED09S271	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
L56LED09S27D1	✗	✓	✓	✗	✓	✗	✗	✗	✓	✓	✓	✓
L56LED09S351	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
L56LED09S35D1	✗	✓	✓	✗	✓	✗	✗	✗	✓	✓	✓	✓
<b>Remodeler</b>												
1100LED09R271	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
1100LED09R27D1	✗	✓	✓	✗	✓	✗	✗	✗	✓	✓	✓	✓
1100LED09R351	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
1100LED09R35D1	✗	✓	✓	✗	✓	✗	✗	✗	✓	✓	✓	✓
<b>Uniframe</b>												
1101LED09N271	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
1101LED09N27D1	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
1101LED09N351	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
1101LED09N35D1	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓

## OPERATING COST

Single Unit Application	LED 2700K	TTT	PAR	BR
Frame	L56LED09S271	1004ICF26N120	1002	1002
Trim	1005WH	1005WH	1005WH	1005WH
Lamp Life (Hours) <sup>(1)</sup>	50,000	12,000	2,500	2,000
Lamp Cost <sup>(2)</sup>	-	\$7.00	\$5.00	\$3.00
Luminaire Quantity	1	1	1	1
Luminaire Watts <sup>(3)</sup>	19	27	50	65
Average Hour per Day	24	24	24	24
Average Day per Year	365	365	365	365
Yearly Hour	8760	8760	8760	8760
Lamp Life Cycle (Year)	5.7	1.4	0.3	0.2
Energy kWh (Year)	166.44	236.52	438	569.4
kWh Cost <sup>(4)</sup>	\$0.08	\$0.08	\$0.08	\$0.08
Energy Cost (kWh)	\$13.32	\$18.92	\$35.04	\$45.55
<b>Average Operating Cost per year for the first 5 years <sup>(5)</sup></b>	<b>\$13.32</b>	<b>\$34.98</b>	<b>\$105.12</b>	<b>\$124.39</b>

(1) Lamp life for traditional source is as published by major lamp manufacturers. LED source is based on LM-80-08 (L70).

(2) Lamp cost may vary per area and over time. In the example below the LED product has no lamp cost considering it is included in the luminaire cost.

(3) Luminaire watts includes the lamp and the ballast or driver.

(4) Energy cost may vary depending on region and over time.

(5) Replacement labour cost used is \$15.00 per lamp. Labour cost may vary.

## OPERATING COST

### Open Space Application

Reflectances:

Workplane Height:

Target Illuminance:

X: 15ft Y: 20ft Z: 9ft = 300ft<sup>2</sup>

C: 0.8 W: 0.5 F: 0.2

2.5ft

30fc

	LED 2700K	TTT	PAR	BR
Frame	L56LED09S271	1004ICF26N120	1002	1002
Trim	1005WH	1005WH	1005WH	1005WH
Lamp Lumen	-	1,800	1,130	620
System Lumen	722	772	1,082	541
Lamp Life (Hours) <sup>(1)</sup>	50,000	12,000	2,500	2,000
Lamp Cost <sup>(2)</sup>	-	\$7.00	\$5.00	\$3.00
Average Illuminance	35fc	31fc	34fc	36fc
Luminaire Quantity	16	20	9	24
Luminaire Watts <sup>(3)</sup>	19	27	75	65
Power Density (W/sq. ft.)	1.01	1.80	2.25	5.20
Average Hour per Day	12	12	12	12
Average Day per Year	300	300	300	300
Yearly Hour of operation	3600	3600	3600	3600
Lamp Life Cycle (Year)	13.9	3.3	0.7	0.6
Energy kWh (Year)	1094.4	1944	2430	5616
kWh Cost <sup>(4)</sup>	0.08	0.08	0.08	0.08
Energy Cost (kWh)	\$87.55	\$155.52	\$194.40	\$449.28
Average Operating Cost (Year) <sup>(5)</sup>	\$94.75	\$162.12	\$223.20	\$481.68
<b>Operating Cost (5 Years)</b>	<b>\$473.76</b>	<b>\$810.60</b>	<b>\$1,116.00</b>	<b>\$2,408.40</b>
<b>Operating Cost (10 Years)</b>	<b>\$947.52</b>	<b>\$1,621.20</b>	<b>\$2,232.00</b>	<b>\$4,816.80</b>

### Corridor Application

Reflectances:

Target Illuminance:

X: 6ft Y: 20ft Z: 9ft = 120ft<sup>2</sup>

C: 0.8 W: 0.5 F: 0.2

10fc

	LED 2700K	TTT	PAR	BR
Frame	L56LED09S271	1004ICF26N120	1002	1002
Trim	1005WH	1005WH	1005WH	1005WH
Lamp Lumen	-	1,800	660	620
System Lumen	722	772	632	541
Lamp Life (Hours) <sup>(1)</sup>	50,000	12,000	2,500	2,000
Lamp Cost <sup>(2)</sup>	-	\$7.00	\$5.00	\$3.00
Average Illuminance	13fc	10fc	12fc	11fc
Luminaire Quantity	3	3	3	4
Luminaire Watts <sup>(3)</sup>	19	27	50	65
Power Density (W/sq. ft.)	0.48	0.68	1.25	2.17
Average Hour per Day	24	24	24	24
Average Day per Year	365	365	365	365
Yearly Hour of operation	8760	8760	8760	8760
Lamp Life Cycle (Year)	5.7	1.4	0.3	0.2
Energy kWh (Year)	499.32	709.56	1314	2277.6
kWh Cost <sup>(4)</sup>	0.08	0.08	0.08	0.08
Energy Cost (kWh)	\$39.95	\$56.76	\$105.12	\$182.21
Average Operating Cost (Year) <sup>(5)</sup>	\$39.95	\$72.82	\$175.20	\$261.05
<b>Operating Cost (5 years)</b>	<b>\$199.73</b>	<b>\$364.12</b>	<b>\$876.00</b>	<b>\$1,305.24</b>



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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 the LED frames and trims and other models in the Lytecaster family of recessed downlights, which are engineered in North America.

Lightolier Lytecaster 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:

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Brochure CG314E

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