PHILIPS
LIGHTOLIER

Downlighting

Comprehensive
product offering

LED

Exceeding expectations
in innovation, versatility,
and performance

2018 product offering

Our lighting story

Exceeding expectations

The Philips Lightolier downlight product offering provides over sixty years of continuous innovation and market leadership. Versatility is at the core of any lighting solution, with a selection of thousands of options, our downlights complement any stylistic theme and also integrate effectively into decorative, track, and indirect lighting schemes. Our complete downlight offering allows you to easily find the perfect lighting solution to complete any project and provides your customer with the best lighting.

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Choosing a solution

How it all works

Philips Lightolier downlights meet the need for efficient and well–controlled lighting in residential and light commercial applications and offer the broadest choice in fixture appearance and performance.

LED downlights consist of mounting frames, light engines and reflector trims.

Mounting frames provide mounting and electrical hardware. Each is designed for a specific lighting need and installation condition.
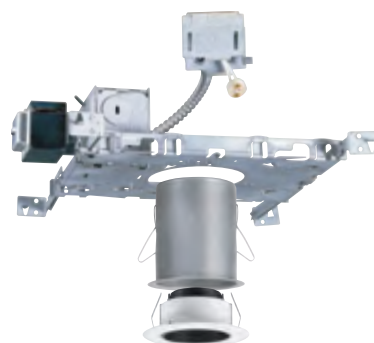
Light engines deliver lighting effects: general lighting, wall washing, and accent lighting. They allow for expressive lighting options by combining functional illumination and color temperatures.

Reflector trims attach to light engines and are interchangeable. We offer a wide selection of coordinated aperture finishes and styles for use in basic residential to commercial projects.

LED integrated luminaires consist of thin downlighting solutions without the traditional frame, trim and reflector.

Perfect for shallow ceilings and where installing a traditional downlight is a challenge. These versatile downlight solutions are also suitable to be used in wet locations, so adding light where you need it is quick, easy and possible.

All integrated downlights are dimmable and have a optics/frosted diffuser that helps control light glare for a more comfortable light output.

Compact Fluorescent (CFL) and Incandescent (INC) downlights consist of mounting frames and reflector trims.

Mounting frames provide mounting and electrical hardware. Each is designed for a specific lighting need and installation condition.

Reflector trims deliver lighting effects: general lighting, wall washing, and accent lighting. They allow for expressive lighting options and are interchangeable. We offer a wide selection of coordinated aperture finishes and styles for use in basic residential to commercial projects.

A versatile offering

Lighting sources for every application

Lighting sources can either correspond to warm or cool Correlated Color Temperatures (CCTs). Warm CCTs are ideal for most residential applications and cooler CCTs are ideal where generous amounts of daylight are present. A neutral tone is popular for retail locations and other consumer-oriented spaces. In all cases, "color rendering" is a key determining factor in lighting application.

Light Emitting Diodes (LED)

These sources provide the logest life and highest energy efficiency. LED solutions are suited to a multitude of applications. LED sources are the ideal choice when energy conservation and low maintenance costs are prime considerations. They offer comparable color rendering to conventional incandescent lighting sources and most allow dimming capability.

Compact Fluorescent (CFL)

These sources consume one-half to one-third the power of comparable incandescent downlights and last ten times longer. In our product offerings the effect is often indistinguishable from incandescent sources. In addition, ballast technology has improved and offers "rapid start" and "instant-on" technology, eliminating flickering when starting. Although "self-ballasted" lamps are available (and often are promoted for retrofit installations), for best output efficiency and glare control, use dedicated downlights with separate ballasts designed for CFL lamps.

Incandescent (INC)

These sources are used when familiar color rendering and easy dimming are priorities. Color ranges from the warm, friendly tones of conventional incandescent to the cool and crisp effect of tungsten halogen.

Reflectorized lamp types (such as PAR & BR lamps) allow for controlled light distribution, lending themselves well to, concentrated downlighting, wall washing and accent lighting.

Most reflectorized lamps also feature longer lives than "A" lamps, making them more suitable for difficult to access locations. "A" lamps produce smooth, soft-edged beams that are ideal for general lighting and their short profile assists in creating glare-free illumination.

Low-voltage sources offer similar choices in color tone and are readily dimmable, provided that special equipment is used. MR & PAR lamps provide control over beam distribution, making them particularly useful for dramatic, high-impact accent lighting.

Lighting performance

Reflector finishes

Philips Lightolier offers over 200 different downlighting trim configurations combining finish and flange options (below) and luminare types (next page). The following is just a quick visual guide of only some of the options to assist you in determining some of the best finish options for your lighting needs (for exact finish and flange options see specific product page).

Specular Clear

Crisp, clean appearance and excellent light output. Works well with "cool" colored interiors.

Specular Gold

Rich luster and excellent light output. Works well with "warm" colored interiors and woods.

Specular Black

Contemporary appearance. Ideal for accent lighting since it appears "off" even when it's "on." The ultimate low brightness downlight.

Clear Diffuse

Soft, clean appearance provides excellent output and low maintenance. Upgrade from standard white step baffle.

Comfort Clear Diffuse

Semi-specular finish that softens the light at the source of the reflector and creates a subtle, even luminance from the reflector cone.

Champagne Bronze

Semi-specular finish that softens the light at the source of the reflector while providing a warmer reflector appearance (light output is slightly warmer).

White Step Baffle

Provides excellent light output with low brightness. White finish blends into the ceiling when luminaires are "off" and softens shadows when "on".

Black Step Baffle

Offers good light output with maximum glare control. Assures a comfortable, glare-free aperture that keeps attention focused on the space.

Brushed Gold (or Satin Gold)

Provides a soft aperture brightness. Prominent appearance works well with traditional interiors and "warms" the light.

Brushed Clear

Contemporary "etched" appearance provides a soft aperture brightness. Matches popular hardware finish.

Matte White

Offers an architectural, built-in appearance that softly blends into the ceiling and smooths the light beam.

Natural Metal

Unique anodized flange enhances natural metal texture. Excellent addition to rooms with stainless appliances and accents.

Please note not all finish and flange options are available with all fixtures.

Lighting effects

Basic lighting techniques

Effective downlighting generally combines the following elements in an unobtrusive array of fixtures.
· Achieve high amounts of general illumination in a space with ambient lighting.
· Highlighting walls with smooth, tactile or reflective textures with "grazing" or wall wash lighting.
· Focus on specific objects, architectural features or areas where tasks are performed with accent lighting.
· Illuminate moisture rich environments (showers, spas, restrooms, etc.) using wet location rated lighting.

Ambient lighting (general)

Provides overall visibility while defining a space, allowing for safe and comfortable movement. A good application of ambient lighting is free from glare, spaced in a comfortable pattern and evenly distributed. Aperture size and finish are affected by the light source and the design and scale of the space.


Wall Wash lighting (grazing)

Provides a smooth, even field of illumination over a wall. Grazing enhances textures and is achieved with concentrated beams of light (works with reflective surfaces). To apply an even gradient of brightness place wall wash fixtures 24"–36" from walls and equal distances apart. This enhances the sense of spaciousness and minimizes wall texture. Specific optics distribute light evenly across and along the vertical surface and counteract "scallops" at the top of the wall.

Accent lighting (task)

Provides dramatic interest and draws the eye by directing concentrated light and thus extra attention to selected objects and surfaces. Accenting should be selective: if too many objects or areas are emphasized, little stands out. Typically this is accomplished with adjustable downlights whose beams can be aimed. "Reflectorized" lamps (PAR, BR, R, or MR) deliver the concentrated beams; arrange them so they blend in with the pattern of ambient and wall lighting.
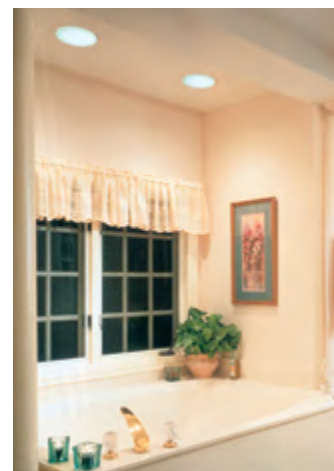
Wet location lighting (damp/wet)

Provides overall illumination in locations where the light source may come into direct contact with water or where a lens is required. These products are usually enclosed and provide proper illumination in showers, closets, food preparation areas, or to eliminate exposure of the light source.

Ambient lighting

Specular reflectors | Cross blades
Aperture cones | Pinholes
Sloped ceilings | Baffles

Wall Wash lighting

Open downlights
Step baffle eyelids
Basic white eyelids

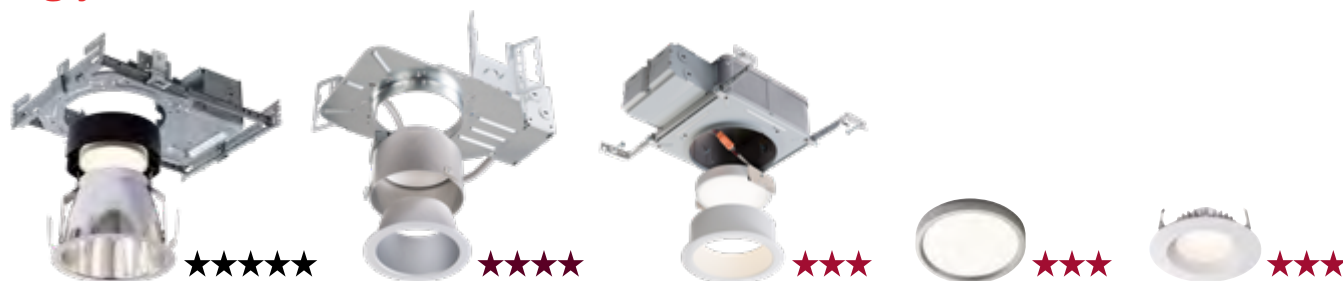**Accent lighting**

Adjustables | Eyeballs
Mini swivels | Elbows
Pinholes | Slots

Wet location lighting

Decorative domes
Lensed downlights
Plastic diffusers

Making your selection

| | ★★★★★ | ★★★★ | ★★★ | ★★★ | ★★★ |

	Specification **LED downlights**	**Performance** **LED downlights**	**Value** **LED downlights**		
	Calculite	**LyteProfile**	**LyteCaster**	**SlimSurface**	**CorePro**
Apertures	Round: 1.75", 3", 4", 6", 7" Square: 1.75", 4", 6"	Round: 4", 6"	Round: 3", 4", 5", 6" Squares: 4", 5", 6"	Round: 5", 7", 10" Square: 4", 6"	Round: 4", 5", 6"
Lumens or lamps	400, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4800, 6000	1000, 1500, 2000, 2500	650, 800, 1000, 1500, 2000	650, 1000, 2200	4": 750, 800, 850 5": 900, 950, 1000 6": 850, 1000, 1200, 1250
CCTs	2700, 3000, 3500, 4000	2700, 3000, 3500, 4000	2700, 3000, 3500, 4000	2700, 3000, 3500, 4000	3000, 4000
CRIs	80, 90	80	80, 90	80, 90	80, 90
Housings	New Constuction (IC/Non-IC) Remodeler (IC)	New Constuction (IC/Non-IC)	New Contruction (IC/Non-IC) Remodeler (IC)	—	—
Plenums	Depth varies (consult spec sheet)	4 1/2" depth	3 1/2", 5 3/8" depths	4 1/2" depth	—
Dimming	Z10V, Lutron, DALI, EldoLED ELV 120V, Tunable White, PoE	Z10V, Lutron, Tunable White	Z10V, ELV 120V	Z10V, ELV & TRIAC 120V	TRIAC 120V
Options	Emergency, 120/277V, Chicago Plenum, 347V	Emergency, 120/277V, Chicago Plenum, 347V	Warm glow effect: 5" (WG) CrispWhite: 3" Accents	—	—
Styles	Downlight (round & square decorative elements also available) Adjustable accent Wall wash (single, double, corner) Shower light** Vandal-proof Cylinder & Sloped ceiling	Downlight Wall wash Sloped ceiling**	3" only: / 4", 5", 6": Gimbal / Downlight Pinhole / Baffle Wall wash / Sloped ceiling** Shower light Downlight accent Adjustable accent	Downlight Shower light	Downlight
Finishes	Specular clear Comfort clear Comfort clear diffuse Champagne bronze White* & Black*	Clear Comfort clear Clear diffuse White*	Clear diffuse Chrome (3" only) Aluminum* (3" only) Black* (3" only) White*	White* Black* Alumninum* Metal (10" only)	White*
Applications	Architectural, Commercial High-end residential	Commercial VE (alternative to Calculite LED)	Light commercial Residential & Hospitality	Residential Hospitality	Residential Hospitality
Cut-off angle	Best 45°	Better 60°	Good 60-70°	—	—
cULus listing	Wet locations	Wet locations	Wet locations (downlights) Damp locations (accents)	Wet locations (ceiling-mount) Damp locations (wall-mount)	Wet locations
Certifications	ENERGY STAR® RoHS, CCEA, IP65, IBEW	ENERGY STAR®	ENERGY STAR® Airseal	ENERGY STAR®	ENERGY STAR®
Rated life	60,000 hrs (L90)	50,000 hrs (L70)	50,000 hrs (L70)	50,000 hrs (L70)	50,000 hrs (L70)
Warranty	Standard 5-year limited	Standard 5-year limited	Standard 5-year limited	Standard 5-year limited	Standard 5-year limited

For more information on the complete Philips Lightolier product offering visit **www.philips.com/lightolier** or contact your local Philips representative.

* White, Black and Aluminum are all painted matte finishes.
** Option requires accessory, see ordering guide for details.

	★★ Budget LED downlights			★ Budget INC downlights		★ Budget CFL downlights	
	Surface-mount	**Retrofit**	**Flat**	LytePoints	Lytecaster	Lytecaster Performance	C Plus
	Round: 5", 7"	Round: 4", 5/6"	Round: 4", 6" Square: 4", 6"	Round: $3^3/_4$" Squares: $3^3/_4$"	Round: $3^3/_4$", $5^1/_4$", $6^3/_4$"	Round: $5^1/_4$", $6^3/_4$"	Round: 4", 6"
	600, 1000	900, 1400	700, 900	–	–	Quad Tube Triple Tube 13, 18, 26, 32, 42W	–
	3000	3000	3000	–	–	–	–
	90	90	90	–	–	–	–
	New Const. (IC/Non-IC) Remodeler (IC)	New Const. (IC/Non-IC) Remodeler (IC)	New Const. (IC/Non-IC) Remodeler (IC)	New Contruction (IC/Non-IC) Remodeler (IC)		New Const. (IC/Non-IC) Remodeler (IC)	New Const. (IC/Non-IC) Remodeler (IC)
	1" depth	3" depth	1" depth	$4^1/_2$" depth	$4^1/_2$" depth	$4^1/_2$" depth	XXX
	ELV & TRIAC 120V	ELV & TRIAC 120V	ELV & TRIAC 120V	–	–	–	–
	–	–	–	–	–	–	–
	Downlight	Downlight	Downlight		Cone Adjustable Baffle Basic refl. Eyeball Mini-swivel Eyelid Shower light Slope Wall wash Splay Cross blade Pinhole Lensed	Downlight Wall wash (single) Wall wash (double) Cross blade Lensed	Cone Baffle Eyeball Splay Shower light Lensed
	White*	White*	White*	–	–	–	–
	Residential Hospitality	Residential Hospitality	Residential Hospitality	Residential Hospitality.	Light commercial Residential, Hosp	Light commercial Residential, Hosp.	Residential Hospitality
	–	–	–				
	Wet locations (ceiling-mount)	Wet locations	Wet locations	Wet locations	Wet locations	Wet locations	Wet locations
	ENERGY STAR®, T24, Airseal, RoHS, IC rated			ENERGY STAR®	ENERGY STAR® Airseal	ENERGY STAR® Airseal	ENERGY STAR®
	50,000 hrs (L70)	42,000 hrs (L70)	50,000 hrs (L70)				
	Std. 5-year limited	Std. 5-year limited	Std. 5-year limited	Standard 5-year limited		Std. 3-year limited	Std. 3-year limited

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LED luminaires

We offer a wide array of downlight luminaires to fit any of your project needs: from retail to residential to commercial.

As the LED technology continues to evolve, Philips Lightolier integrated LED downlight luminaires are more energy efficient and versatile than ever before. From general and accent lighting to wall wash and wet location lighting, there are a variety of product families to choose from that can provide the right lighting for the right application, all with the trusted Philips Lightolier quality.

All LED downlight luminaires feature a substantial rated lifetime at 70% lumen maintenance along with a 5-year limited warranty. All product families are UL Listed and most configurations comply with ENERGY STAR® and/or California's Title 24 certifications. Many luminaires offer multiple finish and flange options.

Flat
pg. 11

round & square aperture downlights

Retrofit
pg. 12

round aperture downlights

CorePro
pg. 13

round aperture downlights

Surface-mount
pg. 14

round aperture downlights

SlimSurface
pg. 15

round & square aperture downlights

LyteCaster
pg. 16

round & square aperture downlights

LyteCaster adjustable
pg. 18

round aperture downlights

LyteCaster accent
pg. 20

round & square aperture downlights

LyteProfile
pg. 21

round aperture downlights

Calculite
pg. 22

round & square aperture downlights

Budget LED downlighting

Flat
round & square aperture downlights

Bring new depth to your designs

Provides an easy and quick downlight solution without the traditional frame, reflector and trim. Perfect for installation in existing ceilings or new construction with the benefits of energy saving LED technology.

Features

- Sizes: 4" & 6" round and 4" & 6" square
- Efficacy: up to 60 lm/w
- Lumens: 700–900 lm
- Wattage: 12 W (4"), 15 W (6")
- Voltage: 120 V (50/60 Hz)
- CRI: 90 min.
- CCT: 3000 K
- Dimming: ELV/TRIAC (10%)
- Lifetime: 50,000 hour (L70)

Round luminaire

example: FD4R07930TE1W

Square luminaire

example: FD6S09930TE1W

Luminaire

Series	Size	Shape	Lumens	CRI	CCT	Dimming	Voltage	Finish
FD				**9**	**30**	**TE**	**1**	**W**
FD Flat Downlight	4 4-inch	R Round S Square	07 700 lm	9 90	30 3000 K	TE Triac & ELV	1 120 V	W White (matte)
	6 6-inch	R Round S Square	09 900 lm					

Accessories

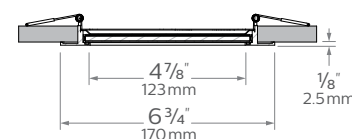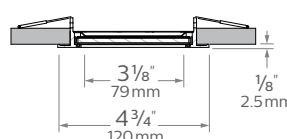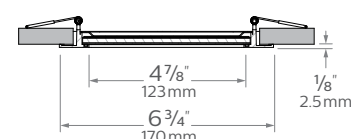| Series	Model
FD	
FD Flat Downlight	RN Round new construction plate SN Square new construction plate 06C 6' extension cable 20C 20' extension cable

Round 4" aperture
3 1/8"
79 mm
4 3/4"
120 mm
1/8"
2.5 mm
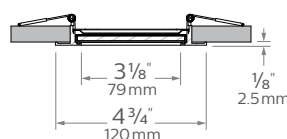
Round 6" aperture
4 7/8"
123 mm
6 3/4"
170 mm
1/8"
2.5 mm

Square 4" aperture
3 1/8"
79 mm
4 3/4"
120 mm
1/8"
2.5 mm

Square 6" aperture
4 7/8"
123 mm
6 3/4"
170 mm
1/8"
2.5 mm

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT

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RoHS COMPLIANT

ENERGY STAR

Budget LED downlighting

Retrofit
round aperture downlights

LED retrofit in a snap

Installation that is super easy and will save you lots of time and frustration on the job site. You will love how hassle-free this LED downlight is, with a quick connect plug and medium base socket adapter included, you may not even need to open your toolbox. This is an affordable solution for new construction or remodelling.

Features

- Sizes: 4" & 5/6" round
- Efficacy: up to 78 lm/w
- Lumens: 900-1400 lm
- Wattage: 12W (4"), 18W (5/6")
- Voltage: 120V (50/60 Hz)
- CRI: 90 min.
- CCT: 3000 K
- Dimming: ELV/TRIAC (10%)
- Lifetime: 42,000 hour (L70)

Round 4" luminaire
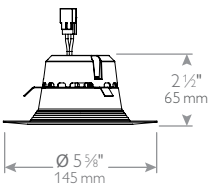
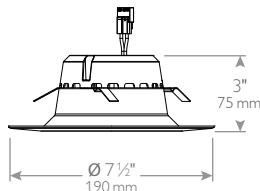example: RD4R089301W

Round 5/6" luminaire

example: RD5R129301W

Luminaire

Series	Size	Shape	Lumens	CRI	CCT	Voltage	Finish
RD		**R**		**9**	**30**	**1**	**W**
RD Retrofit downlight	**4** 4-inch	**R** Round	**08** 900 lm	**9** 90	**30** 3000 K	**1** 120 V	**W** White (matte)
	5 5/6-inch	**R** Round	**12** 1400 lm				

Round 4" aperture

2 ½"
65 mm

Ø 5 ⅝"
145 mm

Round 5/6" aperture

3"
75 mm

Ø 7 ½"
190 mm

Compatible 4" frames

3 ⅞" (100mm) min to 4 ⅛" (105mm) max diameter and 5 ⅝" (142mm) height

CP4RN / CP4RR
FDIC4V50
P4 / P4R / P4ASIC / P4GU / P4RGU
R4 / RR4 / R4ASICG

Compatible 5/6" frames

5 ½" (140mm) min to 6" (152mm) max diameter and 7 ⅜" (188mm) height

CP6RN / CP6RR / CR1NBQP
FD2IC6V90
P6GU / P6RGU / PR75ASIC / PRR75ICX
QL6NBQP & 1104IC

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT

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RoHS COMPLIANT

ENERGY STAR

Budget LED downlighting

CorePro
round aperture downlights

Less money, bigger impact

An affordable solution for customers accustomed to the economic price and light output of an incandescent and compact fluorescent system. New construction and Remodeler frame-in kits available.

Retrofit standard (E26) socket adapter included with each trim.

Features

- Sizes: 4", 5" & 6" round
- Efficacy: 63-89 lm/w
- Lumens: 750-1250
- Wattage: 11W-16W
- Voltage: 120V (50/60 Hz)
- CRI: 80 & 90 min.
- CCT: 3000 K & 4000 K
- Dimming: TRIAC (10%)
- Lifetime: 50,000 hour (L70)

Frame

Series CP	Size	Shape R	Installation
CP Core Pro downlight	**4** 4-inch **5** 5-inch **6** 6-inch	**R** Round	**N** New Construction (Airseal IC) **R** Remodeler (Airseal IC)

Other compatible frames

4" aperture
P4 / P4R / P4ASIC
P4GU / P4RGU
R4 / RR4 / R4ASICG
FDIC4V50

5" aperture
1004IC / 1004ICR
CR5QP / CRR5QP

6" aperture
1104IC
CR1NBQP / QL6NBQP
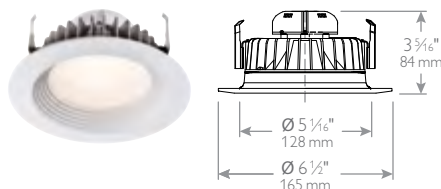P6GU / P6RGU
PR75ASIC / PRR75ICX
FD2IC6V90

Luminaire

Series CP	Size	Shape R	Shape B	Lumens, CRI, CCT		Efficacy, Wattage, Voltage	Finish W
CP Core Pro downlight	**4** 4-inch	**R** Round	**B** Baffle	**07830**	800 lm, 80 CRI, 3000 K	73 lm/W, 11 W (max), 120 V	**W** White (matte)
				07930	750 lm, 90 CRI, 3000 K	68 lm/W, 11 W (max), 120 V	
				07840	850 lm, 80 CRI, 4000 K	77 lm/W, 11 W (max), 120 V	
	5 5-inch	**R** Round	**B** Baffle	**08830**	950 lm, 80 CRI, 3000 K	73 lm/W, 11 W (max), 120 V	
				08930	900 lm, 90 CRI, 3000 K	69 lm/W, 11 W (max), 120 V	
				08840	1000 lm, 80 CRI, 4000 K	77 lm/W, 11 W (max), 120 V	
	6 6-inch	**R** Round	**B** Baffle	**07830**	835 lm, 80 CRI, 3000 K	75 lm/W, 11 W (max), 120 V	
				10830	1200 lm, 80 CRI, 3000 K	86 lm/W, 14 W (max), 120 V	
				10930	1000 lm, 90 CRI, 3000 K	63 lm/W, 16 W (max), 120 V	
				10840	1250 lm, 80 CRI, 4000 K	89 lm/W, 14 W (max), 120 V	

Round 4" aperture

3 5/16" 84 mm
Ø 3 11/16" 96 mm
Ø 5 1/16" 128 mm
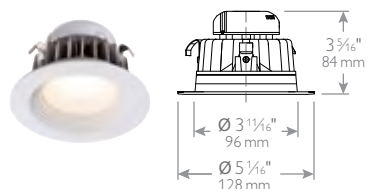
example: CP4RB07930W

Round 5" aperture

3 5/16" 84 mm
Ø 5 1/16" 128 mm
Ø 6 1/2" 165 mm

example: CP5RB08930W

Round 6" aperture

3 5/8" 92 mm
Ø 5 11/16" 145 mm
Ø 8" 203 mm
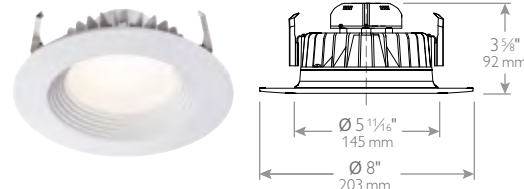
example: CP6RB10930W

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT

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RoHS COMPLIANT

ENERGY STAR

Surface-mount
round aperture downlights

Simple to specify and simpler to install

Perfect when faced with a challenging ceiling, but a refined-looking LED downlight is required, look no further. With a modern, clean, slim profile, Philips Lightolier new LED Surface-mount downlight has everything you need.

Features

- Sizes: 5", 7" round
- Efficacy: min 69 lm/w
- Lumens: 600-1000
- Wattage: 10W-15W
- Voltage: 120V (50/60 Hz)
- CRI: 90 min.
- CCT: 3000 K
- Dimming: TRIAC (10%)
- Lifetime: 50,000 hour (L70)

Round 5" luminaire

example: SD5R079301W

Round 7" luminaire

example: SD7R099301W

Luminaire

Series	Size	Shape	Lumens	CRI	CCT	Voltage	Finish
SD		**R**		**9**	**30**	**1**	**W**
SD Surface-mount downlight	**5** 5-inch	**R** Round	**07** 600 lm	**9** 90	**30** 3000 K	**1** 120V	**W** White (white)
	7 7-inch	**R** Round	**09** 1000 lm				

Round 5" aperture
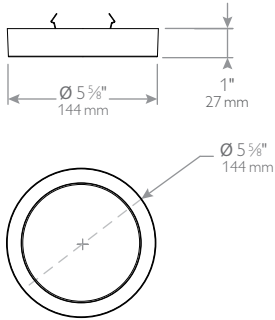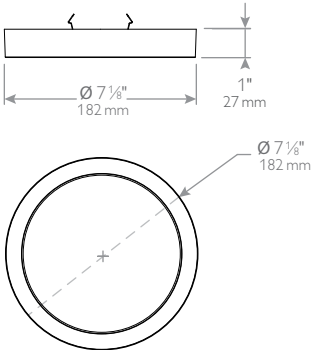
Ø 5 ⅝" 144 mm
1" 27 mm
Ø 5 ⅝" 144 mm

Round 7" aperture

Ø 7 ⅛" 182 mm
1" 27 mm
Ø 7 ⅛" 182 mm

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT · ETL · RoHS COMPLIANT · ENERGY STAR

SlimSurface
round & square aperture downlights

An easy to install architecturally pleasing low profile downlight

Leverages the latest LED technology, and featuring a similar performance to typical recessed downlights but in a surface mount design. Delivering high lumen output and great visual comfort, this 5/8" surface mount downlight is appealing to both specifiers and contractors.

Features

- Sizes: 4" & 6" square and 5", 7" & 10" round
- Efficacy: 58–94 lm/W
- Lumens: 650, 1000 & 2200
- Wattage: 9W, 12W & 28W
- Voltage: 120V & 120V–277V
- CCT: 2700 K–4000 K
- CRI: 80 & 90 min.
- Dimming: ELV/TRIAC (10%)
- Lifetime: 50,000 hour (L70)

Square 4" & 6" luminaire

example: S4S830K7   example: S6S830K10AL

Round 5", 7" & 10" luminaire

example: S5R830K7   example: S7R830K10AL   example: S10R830K22BK

Luminaire

Series	Size / Shape	CRI / CCT	Lumens	Finish	Dimming (Voltage)
S					
S SlimSurface	4S 4-inch / Square 5R 5-inch / Round 6S 6-inch / Square 7R 7-inch / Round 10R 10-inch / Round	827K 80 CRI / 2700 K CCT 830K 80 CRI / 3000 K CCT 835K 80 CRI / 3500 K CCT 840K 80 CRI / 4000 K CCT 927K 90 CRI / 2700 K CCT 930K 90 CRI / 3000 K CCT	7 650 lm (S5R & S4S only) 10 1000 lm (S7R & S6S only) 22 2200 lm (S10R only)	— White AL Aluminum BK Black MT Metal[2]	—— ELV / Triac (120V)
				W White AL Aluminum BK Black MT Metal[2]	Z10U 0–10V (Universal 120–277V)

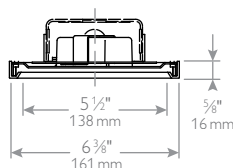1. The 10" Round (S10R) installs into 4-11/16" J-box.
2. The Metal (MT) finish is only available with 10" Round (S10R) configuraions.
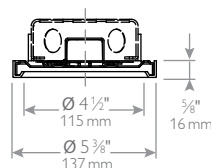Note: SlimSurface 10" round available Q2 2018.
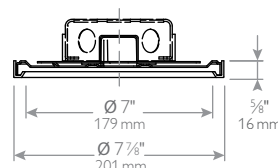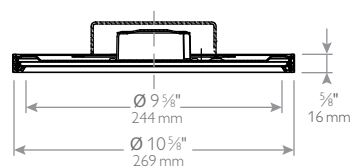
Square 4" aperture
3 1/2"
89 mm
4 3/8"
111 mm
5/8"
16 mm
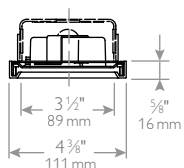
Square 6" aperture
5 1/2"
138 mm
6 3/8"
161 mm
5/8"
16 mm

Round 5" aperture
Ø 4 1/2"
115 mm
Ø 5 3/8"
137 mm
5/8"
16 mm

Round 7" aperture
Ø 7"
179 mm
Ø 7 7/8"
201 mm
5/8"
16 mm

Round 10" aperture
Ø 9 5/8"
244 mm
Ø 10 5/8"
269 mm
5/8"
16 mm

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC
INSULATION
CONTACT

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RoHS
COMPLIANT

ENERGY STAR

LyteCaster
round & square aperture downlights

Defining general purpose LED downlights

Ideal general purpose downlighting solution, providing comfortable, quality light. Available in new construction and remodeler frame with interchangeable light engine that is offered in two lumen packages. The downlight is wet location listed and comes in 3 standard option.
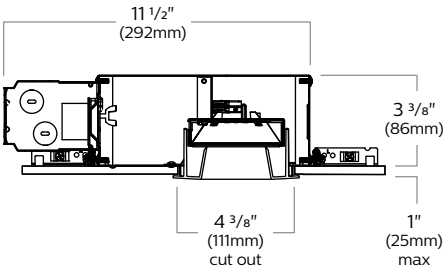
Features

- Sizes: 4", 5" & 6" round and 4", 5" & 6" square
- Efficacy: up to 90 lm/W
- Lumens: 650–2000
- Wattage: 7-20 W
- Voltage: 120V or 120V–277V
- CCT: 2700 K–4000 K
- CRI: 80 & 90 min.
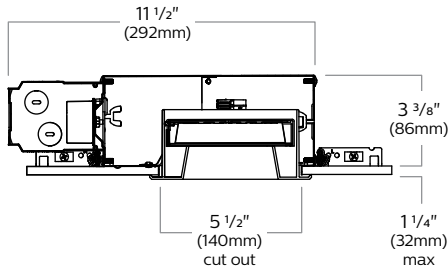- Dimming: ELV/TRIAC & 0-10V
- Lifetime: 50,000 hour (L70)

Housing

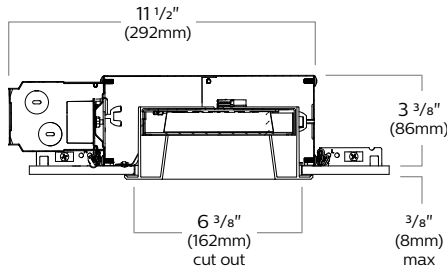| Series / Size / Shape	Lumens	Installations (Airseal IC)	Dimming (Voltage) Version
L4R 4-inch / Round	— 650lm 10 1000lm	**A** New construction with screws **AN** New construction with nails **R** Remodeler (06R, 10R or 15R)	**E1VA** ELV (120V) Version A **Z10UVA** 0–10V (Unv 120–277V) Version A
L5R 5-inch / Round	— 1000lm 15 1500lm		
L6R 6-inch / Round	— 1500lm 20 2000lm		
L5R 5-inch / Round	— 700lm	**A** New construction with screws **AN** New construction with nails	**EWG1** ELV / Triac (120V) warm glow effect (can not specify with adjustable)
L5R 5-inch / Round	07 700lm	**R** Remodeler	

4" apertures

4" housing

11 1/2"
(292mm)

3 3/8"
(86mm)

4 3/8"
(111mm)
cut out

1"
(25mm)
max

5" apertures

5" housing

11 1/2"
(292mm)

3 3/8"
(86mm)

5 1/2"
(140mm)
cut out

1 1/4"
(32mm)
max

6" apertures

6" housing

11 1/2"
(292mm)

3 3/8"
(86mm)

6 3/8"
(162mm)
cut out

3/8"
(8mm)
max

Value LED downlighting

Available in 3 aperture sizes: 4″, 5″, & 6″. The 4″ round delivers 650 and 1000 lumens, and 4″ square delivers 1000 lumens. The 5″ round delivers 1000 and 15000 lumens, and 5″ square delivers 1000 lumens. A 5″ round is also available with warm glow effect that delivers 700 lumens. The 6″ round delivers 1500 and 2000 lumens, and 6″ square delivers 1500 lumens.

Light engine

Series / Size / Shape	Lumens[1]	CRI / CCT	Version
L4R 4-inch / Round	**—** 650lm **10** 1000lm	**827** 80 CRI / 2700 K **830** 80 CRI / 3000 K **835** 80 CRI / 3500 K **840** 80 CRI / 4000 K **927** 90 CRI / 2700 K **930** 90 CRI / 3000 K	**VA** Version A
L5R 5-inch / Round	**—** 1000lm **15** 1500lm		
L6R 6-inch / Round	**—** 1500lm **20** 2000lm		
L5R 5-inch / Round	**—** 700lm	**8WG** 80 CRI / 2700 K–2200 K / warm glow effect	

1. Leave lumens field blank to specify 4″ 650lm, 5″ 1000lm or 6″ 1500lm configurations.

Trim

Series / Size	Shape / Type	Details / Finish
L4 LyteCaster 4-inch **L5** LyteCaster 5-inch **L6** LyteCaster 6-inch	**R** Round / Downlight **S** Square / Downlight	**DD** Open downlight / Clear diffuse with white flange **DW** Open downlight / White with white flange **BW** Baffle downlight / White with white flange

Warm glow effect
Create a warm, relaxing ambiance with warm glow effect. This cutting-edge technology reduces the color temperature to a warm glow when dimmed, taking LED dimming to new levels.

Round trims

RDD
Round open downlight with clear diffuse finish and white flange

RDW
Round open downlight with white finish and white flange

RBW
Round baffle downlight with white finish and white flange

Square trims

SDD
Square open downlight with clear diffuse finish and white flange

SDW
Square open downlight with white finish and white flange

SBW
Square baffle downlight with white finish and white flange

Note: Square trims are configured with round housings and light engines.

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT

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RoHS COMPLIANT

ENERGY STAR

LyteCaster adjustable
round aperture downlights

Defining general purpose LED downlights

Ideal general purpose downlighting solution, providing comfortable, quality light. Available in new construction and remodeler frame with interchangeable light engine that is offered in two lumen packages. The downlight is wet location listed and comes in 3 standard option.
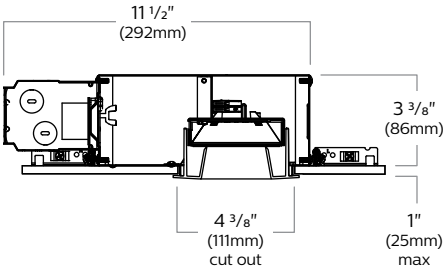
Features

- Sizes: 4", 5" & 6"
- Efficacy: up to 90 lm/W
- Lumens: 650–2000
- Wattage: 7–20 W
- Voltage: 120V or 120V–277V
- CCT: 2700 K–4000 K
- CRI: 80 & 90 min.
- Dimming: ELV/TRIAC & 0-10V
- 50,000 hour rated life (L70)

Housing

Series / Size / Shape	Lumens			Installations (Airseal IC)		Dimming (Voltage) Version	
L4R 4-inch / Round	— 650lm	10	1000lm	A	New construction with screws	E1VA	ELV (120V) Version A
L5R 5-inch / Round	— 1000lm	15	1500lm	AN	New construction with nails	Z10UVA	0–10V (Unv 120–277V) Version A
L6R 6-inch / Round	— 1500lm	20	2000lm	R	Remodeler (06R, 10R or 15R)		
L5R 5-inch / Round	— 700lm			A	New construction with screws	EWG1	ELV/ Triac (120V)
				AN	New construction with nails		Warm glow effect (can not specify with adjustable)
L5R 5-inch / Round		07	700lm	R	Remodeler		

4" apertures

4" housing

11 1/2"
(292mm)

3 3/8"
(86mm)

4 3/8"
(111mm)
cut out

1"
(25mm)
max

5" apertures

5" housing

11 1/2"
(292mm)

3 3/8"
(86mm)

5 1/2"
(140mm)
cut out

1 1/4"
(32mm)
max

6" apertures

6" housing

11 1/2"
(292mm)

3 3/8"
(86mm)

6 3/8"
(162mm)
cut out

3/8"
(8mm)
max

Value LED downlighting
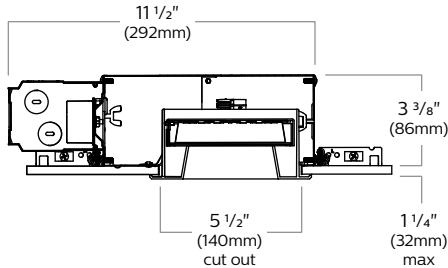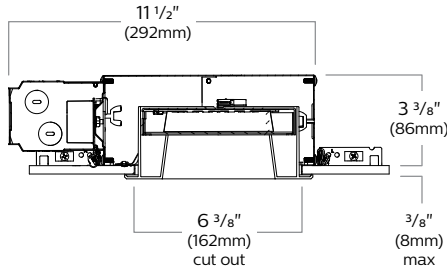
Available in 3 aperture sizes: 4″, 5″, & 6″. The 4″ round delivers 650 and 1000 lumens, and 4″ square delivers 1000 lumens. The 5″ round delivers 1000 and 15000 lumens, and 5″ square delivers 1000 lumens. A 5″ round is also available with warm glow effect that delivers 700 lumens. The 6″ round delivers 1500 and 2000 lumens, and 6″ square delivers 1500 lumens.

Light engine / Trim

Light engine is built into a round trim. No need to specify a trim.

Series / Size	Shape / Type	Details / Finish[1]	
L4 LyteCaster 4-inch	**RA** Round / Adjustable	**06___WVA** **10___WVA**	650lm (CRI/CCT) / White with white flange, Version A 1000lm (CRI/CCT) / White with white flange, Version A
L5 LyteCaster 5-inch	**RA** Round / Adjustable	**10___WVA** **15___WVA**	1000lm (CRI/CCT) / White with white flange, Version A 1500lm (CRI/CCT) / White with white flange, Version A
L6 LyteCaster 6-inch	**RA** Round / Adjustable	**15___WVA** **20___WVA**	1500lm (CRI/CCT) / White with white flange, Version A 2000lm (CRI/CCT) / White with white flange, Version A

1. Match CRI / CCT (827, 830, 835, 840, 927) from Light Engine configuration to the "___" placeholder.
Warm glow effect is not available with Adjustable trims.

Round trims

Warm glow effect
Create a warm, relaxing ambiance with warm glow effect. This cutting-edge technology reduces the color temperature to a warm glow when dimmed, taking LED dimming to new levels.

RA
Round adjustable with white finish and white flange

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT

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RoHS COMPLIANT

ENERGY STAR

LyteCaster accent
round aperture downlights

Design versatility to fit any space

Available in a variety of round and square accent styles and finishes with efficacies ranging up to 800 lm/W. A wide range of options that allow you to customize your lighting solution to best suit the application.

Features

- Sizes: 4", 5" & 6"
- Efficacy: up to 90 lm/W
- Lumens: 650–2000
- Wattage: 7–20 W
- Voltage: 120V or 120V–277V
- CCT: 2700 K–4000 K
- CRI: 80 & 90 min.
- Dimming: ELV/TRIAC (10%)
- 50,000 hour rated life (L70)

Housing

Light engine

Trims

Downlight   Adjustable   Gimbal

Lensed wall wash   Shower   Adjustable pinhole
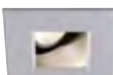
Downlight   Adjustable
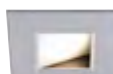
Lensed wall wash   Shower

Series / Size **L3**	Installations (Airseal IC)		Dimming	Voltage
L3 LyteCaster 3-inch accent	**A** New construction with screws (Non-IC) **AN** New construction with nails (Non-IC) **C** Remodeler (Non-IC)[1]		**E** ELV/TRIAC	**1** 120V
	N New construction (Non-IC)		**Z10** 0–10V	**U** Universal 120/277V

Series / Size **L3**	Lumens **08**	CRI / CCT	Beam	Option
L3 LyteCaster 3-inch accent	**08** 800 lm	**827** 80 CRI / 2700 K **830** 80 CRI / 3000 K **835** 80 CRI / 3500 K	**S** Spot (17°) **NF** Narrow Flood (22°) **F** Flood (33°)	**—** None
		927 90 CRI / 2700 K **930** 90 CRI / 3000 K[2]	**S** Spot (17°) **NF** Narrow Flood (22°) **F** Flood (33°)	**CW** CrispWhite[2]

Series **L3**	Shape / Type	Style
L3 LyteCaster 3-inch accent	**RD** Round / Downlight **RA** Round / Adjustable[1] **RLW** Round / Lensed Wall Wash[3]	**C** Chrome Cone with white flange **D** Diffuse Cone with white flange **W** White Cone with white flange
	RB Round / Baffle Downlight **RAB** Round / Baffle Adjustable	**W** White Baffle with white flange
	RAP Round / Adjustable Pinhole **RG** Round / Gimbal[4] **RS** Round / Shower Light **SLW** Square / Lensed Wall Wash[3] **SS** Square / Shower Light	**A** Aluminum **B** Black (gimbal only) **W** White
	SD Square / Downlight **SA** Square / Adjustable[1]	**D** Diffuse Cone with white flange **DA** Diffuse Cone with aluminum flange **W** White Cone with white flange (downlight only)

1. Remodeler frame is not compatible with adjustable trim.
2. The 3000K (30) and CrispWhite (CW) options must be ordered together.
3. Lensed wall wash (LW) is only available in Narrow flood (NF) and Flood (F) beam spreads
4. Gimbal (G) trims come with accessory holder (see spec sheets for complete listings of accessories).

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT   c(UL)us LISTED   RoHS COMPLIANT   ENERGY STAR

Value LED downlighting

LyteProfile
round aperture downlights

An easy to install architecturally pleasing low profile downlight

Provides a comfortable 60° cut-off to both the actual and reflected source. Utilizes a robust frame-in kit, light engine and reflector design that is designed for a wide variety of installation conditions with a plenum depth of 41/2″.

Features

- Sizes: 4″ & 6″
- Efficacy: up to 100 lm/W
- Lumens: 500–2500
- Wattage: 7–20 W
- Voltage: 120V or 120V–277V
- CCT: 2700 K–4000 K
- CRI: 80 & 90 min.
- Dimming: 0–10V & Lutron
- 50,000 hour rated life (L70)

Frame

Series	Shape / Type RD	Lumens	Installation N	Lumens	Voltage	Version
P4 4-inch	RD Round / Downlight	10 1000 lm 15 1500 lm	N New construction (Non–IC)[1]	Z10 0–10V L Lutron	U Universal 120/277V 3 347V[2]	VB Version B VBEM Version B w/Emergency
		20 2000 lm	N New construction (Non–IC)[1]	Z10 0–10V L Lutron	1 120V 2 277V 3 347V[2]	VB Version B VBEM Version B w/Emergency
P6 6-inch	RD Round / Downlight	10 1000 lm 15 1500 lm 20 2000 lm	N New construction (Non–IC)[1]	Z10 0–10V L Lutron	U Universal 120/277V 3 347V[2]	VB Version B VBEM Version B w/Emergency
		25 2500 lm	N New construction (Non–IC)[1]	Z10 0–10V L Lutron	1 120V 2 277V 3 347V[2]	VB Version B VBEM Version B w/Emergency

Light engine

Series	Shape / Type RD	CRI / CCT		Version VB
P4 4-inch P6 6-inch	RD Round / Downlight	827 80 CRI / 2700 K 830 80 CRI / 3000 K 835 80 CRI / 3500 K	840 80 CRI / 4000 K 927 90 CRI / 2700 K 930 90 CRI / 3000 K	VB Version B

Downlight trims ▲△

RDCLP Clear

RDCCP Comfort clear

RDDP Clear diffuse

RDW White

Lensed wall wash trims

RLWCLP Clear

RLWCCP Comfort clear

RLWDP Clear diffuse

RLWW White

Series	Shape / Type	Reflector	Flange
P4 4-inch P6 6-inch	RD Round / Downlight RLW Round / Lensed wall wash	CL Clear CC Comfort clear D Clear diffuse (apply)	— White (painted) P Painted (aperture match)
		W White (painted)	— White (painted)

1. T-Bar anchor clips: 1956 (set of 4, for use with mounting bars) need to be ordered separately. Mounting Bars: 1950–18″ (set of 2) 1951–27″ (set of 2).
2. Not available with Emergency.

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

IC INSULATION CONTACT

c(UL)us LISTED

RoHS COMPLIANT

ENERGY STAR

Calculite

round & square aperture downlights

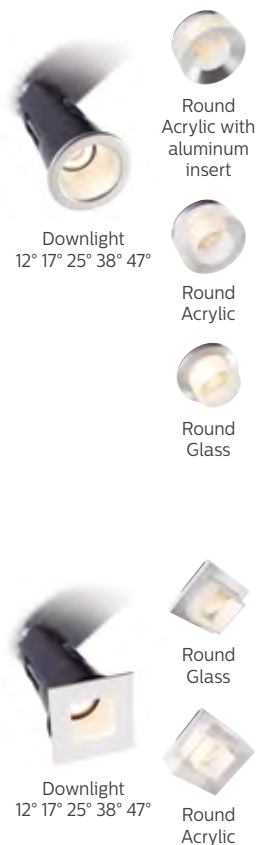**Setting a powerful standard for aesthetics, performance and reliability**

The new Calculite generation 3 line subtly blends into the environment and casts a soft, uniform illumination free of distractions – due to the patented component design. Also the simplified downlight installation uses a three part system of frame, light engine, and reflector to save time and hassle, even allowing future upgrades without entering the plenum.

Features

- Sizes: 1.75", 4", 6" & 7"
- Efficacy: up to 115 lm/W
- Lumens: 400 – 6000
- Wattage: 6-50 W
- Voltage: 120V/120V-277V/347V
- CCT: 2700 K–4000 K
- CRI: 80 & 90 min.
- Dimming: to 1% (standard)
- 60,000 hour rated life (L90)

Calculite 1.75"

Downlight
12° 17° 25° 38° 47°

Round Acrylic with aluminum insert

Round Acrylic

Round Glass

Downlight
12° 17° 25° 38° 47°

Round Glass

Round Acrylic

Calculite 3" Evolution

Adjustable Accent
12° 16° 19° 26° 40°

Adjustable Pinhole
12° 17° 20° 22° 39°

Downlight
30° 53° 74°

Pinhole
11° 16° 18° 20° 31°

Lensed
Wall Wash

Calculite 4"

Downlight
Narrow Medium Wide

Lensed
Wall Wash

Adjustable Accent
11° 17° 22° 29°

Wall Wash

Double Wall Wash

Corner Wall Wash

Downlight

Lensed Wall Wash

Downlight

Wall Wash

Double Wall Wash

Certifications: IC rated for direct contact with thermal insulation. Title 24, cULus listed (UL 1598) for wet locations (covered ceiling only), RoHS compliant, ENERGY STAR® and AirSeal for minimal air leakage.

reddot award 2017
winner

Calculite 6"

Downlight
Narrow Medium Wide

Lensed
Wall Wash

Wall Wash

Double Wall Wash

Corner Wall Wash
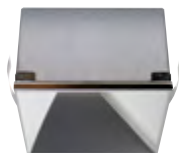
Downlight

Lensed Wall Wash

Downlight

Wall Wash

Wall Wash

Calculite 7"

Downlight
Narrow Medium Wide

Lensed
Wall Wash

Wall Wash

Double Wall Wash

Corner Wall Wash

Vetro decorative elements

Available in select styles for 4", 6" and 7" size downlight fixtures.

Round acrylic with
aluminum insert

Round angled double
opal glass

Round angled double opal
glass within clear glass

Round acrylic

Round opal glass

Round opal glass
within clear glass

Note: For more including the complete Calculite family brochure, literature, spec sheets, technical data and accessories visit **philips.com/CalculiteLED**.

23

CFL and INC sources

Conventional sources
for tight budgets

Philips Lightolier downlights using conventional
light sources can keep you within a tight budget
without the worry of lower quality or reliability in
commercial applications. Order the most commonly
requested products right off the distributor shelf
to save time getting products to the job site. But,
when customization is needed for more specialized
applications like retail or schools, you can configure
the lighting to best highlight merchandise, or aid in
tasks centered around learning. Create your ideal
luminaire by choosing the exact aperture size, trim,
beam spread, lumen output and even dimming and
emergency options.

LytePoints

round & square 3¾" aperture downlights

LyteCaster

round 3¾", 5¼" & 6¾" aperture downlights
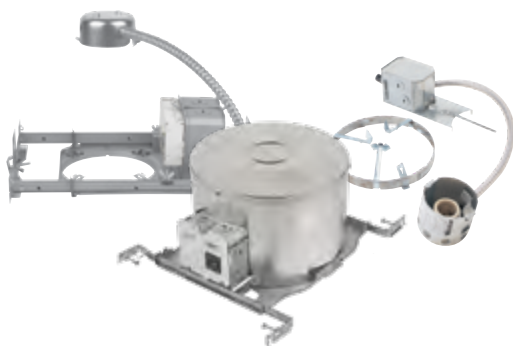
LyteCaster performance

round 5¼" & 6¾" aperture downlights

C Plus

round 4" & 6" aperture downlights

* Above **CBCP** refers to center beam candlepower and **cd** refers to candelas.

LytePoints

round & square aperture downlights

Featuring "clamp-down action" mounting clips for easy installation

Renovations with insulated ceilings accessible from above: Installers have no need for mounting bars and spend less time in attic, as mounting clips secure housing in position from below ceiling.

New constructions (IC / Non-IC): Installers can work faster featuring frame-in kit stability that is not as critical as with competing brands, with mounting clips that sandwich housing and frame-in kit to ceiling material.

FLEX system offers the freedom to choose housing positions 0° or 90°

With two key slots on top of the housing, there are two ways to attach the housing to the Power Pack. When in a tight spot, remodelers can be installed with mounting clips parallel to joists, conduits or other obstacles, providing more room to maneuver.

Clamping power

Residence mounting clips feature two screw guides allowing to clamp down on ceilings from 1/8" to 1" thick.

Housing made of steel for strength, included with luminaire trim.

Housing requires no need for vertical adjustment, this ensures uniform trim positioning and consistent look of housing.

Reduce installation time with exclusive hands–free residence mounting clips.

Trim remains free of paint and plaster because housing is firmly secured to ceiling after finishing.

Wide integrated flange allowing more forgiving installations.

Finish options

Look for the star rating on every LytePoints luminaire to determine quality and facilitate selection. Whether rated Good, Better, or Best, LytePoints downlights are designed to achieve the highest output possible from the available source while providing superior visual comfort and quality lighting. There's no better way to create high–impact accent and ambiance lighting for homes, retail stores and other spaces than with low voltage lighting. Lytecaster provides a wide range of attractive reflector trims to meet the needs of the most discerning eye.

Specular high-performance

CL Clear Specular

BA Black Specular

CCD Clear Diffuser

Shades, dual-tone designs and others

WH White

BK Black

CM Chrome

SB Satin Brass

ST Stainless Steel

AL Aluminum

Glass

FG White Frosted

Budget INC downlighting

LytePoints
Non-IC 3 ¾" remodelers

Remodelers

Frames are designed for mounting prior to ceiling installation.

· Available for insulated and non-insulated ceilings.
· Low-voltage MR16 or line-voltage ES16.
· Factory-installed trim enclosure simplifies installation.
· Vertically mounted magnetic transformer dramatically reduces noise.
· Vertical adjustment from below to accommodate from ⅛" to 1" thick ceilings.

300ESX (Non-IC)

ES/ESD16 (120V)
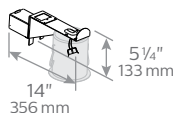
· Remodeler measurement is 5 ⅞" deep and accepts most 3 ¾" trims.
· Power pack for 50W ES/ESD16 halogen lamps (no transformer) with built-in thermal protection.
· Designed to permit wiring from below the ceiling line.
· Damp or wet location rated depending on trim used.
· UL/CSA certified for through branch circuit wiring.

14"
356 mm
5 ¼"
133 mm

303MRE (Non-IC)

MR16 (12V)
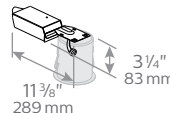
· Ultra-Shallow Electronic Remodeler measurement is 3 ¼" deep
· Integral electronic transformer (37W max) with built-in thermal protection.
· Accepts 313, 315, 316, 317, 373, 378 trims.
· Swivel J-box for low plenum spaces.
· Certified for wall mounting with 378 trim using a 37W MR16 lamp.
· Designed to permit wiring from below the ceiling line.
· Certified for chain wiring.

11 ⅜"
289 mm
3 ¼"
83 mm

300MRX (Non-IC)

MR16 (12V)
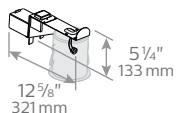
· Remodeler measurement is 5 ⅞" deep and accepts most 3 ¾" trims.
· Integral cable clamps and 50W magnetic transformer with built-in thermal protection.
· Designed to permit wiring from below the ceiling line.
· Damp or wet location rated depending on trim used.
· UL/CSA certified for through branch circuit wiring.

12 ⅝"
321 mm
5 ¼"
133 mm

302MRIC7X (IC)

MR16 (12V)
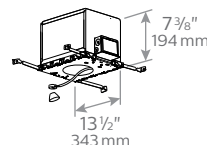
· Rugged mounting system with 13" heavy gauge mounting bars (extends to 27").
· Integral cable clamps and (50W MR16 max) magnetic transformer.
· Accepts 304, 305, 313, 372, 378 trims.
· UL/CSA certified for through branch circuit wiring.

7 ⅜"
194 mm
13 ½"
343 mm

3401MREX (Non-IC)

MR16 (12V)
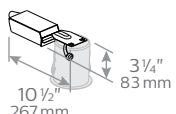
· Low-Profile Electronic Remodeler measurement is 4 ⅝" deep.
· Suitable for 300X & 400X Series.
· Integral electronic transformer (50W max) with built-in thermal protection.
· Swivel J-box for low plenum spaces.
· Designed to permit wiring from below the ceiling line.
· Damp or wet location rated depending on trim used
· Certified for chain wiring.

10 ½"
267 mm
3 ¼"
83 mm

302MRIC9X (IC)

MR16 (12V)
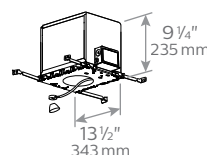
· Rugged mounting system with 13" heavy gauge mounting bars (extends to 27").
· Integral cable clamps and (50W MR16 max) magnetic transformer.
· Accepts all 300 trims.
· Internal thermal cut-out insures against overheating due to incorrect lamping.
· Vapor barrier extender accessory available for AirSeal installation.
· UL/CSA certified for through branch circuit wiring.

9 ¼"
235 mm
13 ½"
343 mm

Budget INC downlighting

LytePoints

Non–IC & IC 3 ¾" frames & housings

New construction

Frames are designed for mounting prior to ceiling installation.
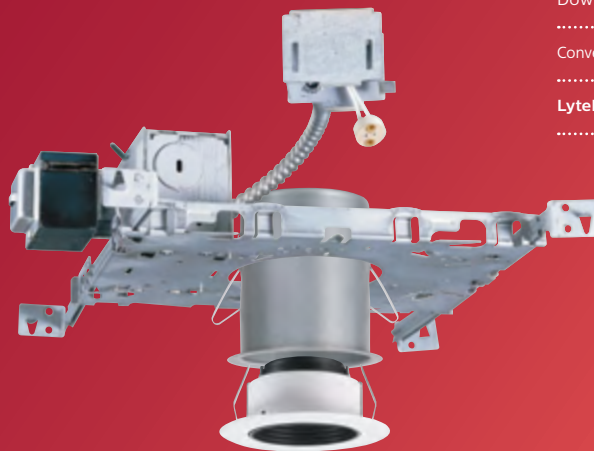
· Available for insulated and non–insulated ceilings.
· Low–voltage MR16 or line–voltage ES16.
· Factory–installed trim enclosure simplifies installation.
· Vertically mounted magnetic transformer dramatically reduces noise.
· Vertical adjustment from below to accommodate from ⅛" to 1" thick ceilings.

302ESICX (IC)

ES/ESD16 (120V)
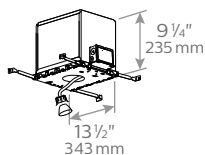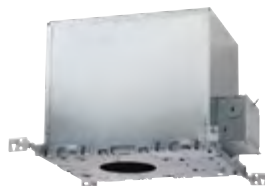
· Rugged mounting system with 13" heavy gauge mounting bars (extends to 27").
· Integral cable clamps and internal thermal cut–out insures against overheating due to incorrect lamping.
· Vapor barrier extender accessory available for AirSeal installation.
· UL/CSA certified for through branch circuit wiring.

9 ¼"
235 mm

13 ½"
343 mm

302MRX (Non–IC)

MR16 (12V)
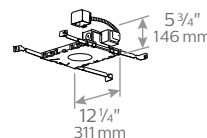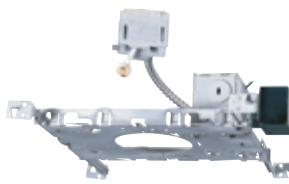
· Rugged mounting system with 13" heavy gauge mounting bars (extends to 27").
· Integral cable clamps and 50W magnetic transformer with built–in thermal protection.
· Mounting bar locking clips included.
· UL/CSA certified for through branch circuit wiring.

5 ¾"
146 mm

12 ¼"
311 mm

302ESAICX (AirSeal IC)

ES/ESD16 (120V)
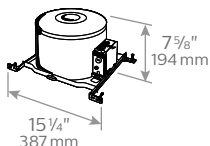
· Internal thermal cut–out insures against overheating due to incorrect lamping.
· Integral nails and cable clamps.
· Mounting bars locking screw on one side of frame and pivots for easy attachment and wiring in below ceiling line (extend up to 24").

7 ⅝"
194 mm

15 ¼"
387 mm

302MREX (Non–IC)

MR16 (12V)
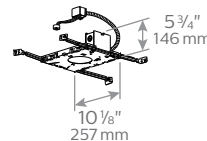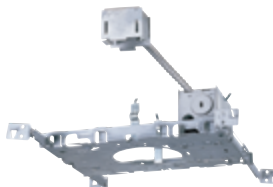
· Rugged mounting system with 13" heavy gauge mounting bars (extends to 27").
· Integral cable clamps and 50W magnetic transformer with built–in thermal protection.
· Mounting bar locking clips included.
· 277v version (302MREX277) available. Consult factory.
· Damp or wet location rated depending on trim used.
· UL/CSA certified for through branch circuit wiring.

5 ¾"
146 mm

10 ⅛"
257 mm

302MRAICX (AirSeal IC)

MR16 (12V)
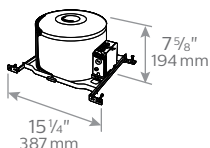
· Internal thermal cut–out insures against overheating due to incorrect lamping.
· Integral cable clamps, nails and (50W MR16 max) magnetic transformer.
· Accepts all 300 trims.
· Mounting bars locking screw on one side of frame and pivots for easy attachment and wiring in below ceiling line (extend up to 24").

7 ⅝"
194 mm

15 ¼"
387 mm

302ESX (Non–IC)

ES/ESD16 (120V)
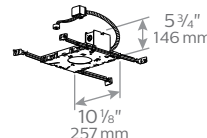
· Rugged mounting system with 13" heavy gauge mounting bars (extends to 27").
· Integral cable clamps and thermal cut–out insures against overheating due to incorrect lamping.
· Mounting bar locking clips included.
· Vapor barrier extender accessory available for AirSeal installation for 24" o.c. joist.
· UL/CSA certified for through branch circuit wiring.

5 ¾"
146 mm

10 ⅛"
257 mm

LytePoints
round 3 ¾" trims

Cones / Baffles

Open Downlights provide superior performance for general lighting applications requiring greater lumen output. Specular reflectors feature a specular, mirror-like finish that provides greater light output.

Pinholes / Slots

Small aperture accent lights conceal the light source and provide a small aperture. The Pinhole and Slot provides consistent ceiling appearance and adjustment in a small aperture fixture.

Specular Cone ★★★

Offers non-glare optics for added visual comfort. Recessed lamp rotates 360° horizontally and 35° vertically (can be aimed without removing trim).

example: 304CLX

3 ¾" 95 mm

4 ½" 114 mm
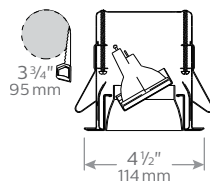
CL Clear specular   **BA** Black specular   **CCD** Clear diffuse

Pinhole ★★★

Tiny aperture accent light. Easy relamping and aiming permits up to 30° vertical and 360° horizontal adjustments.

example: 308ALX

3 ¾" 95 mm

4 ½" 114 mm
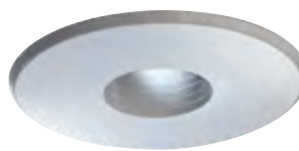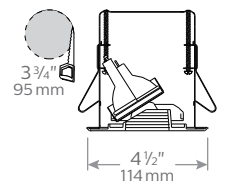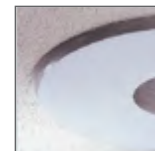
AL Aluminum   **WW** White   **BK** Black

Die-Cast Step Baffle ★★★

One-piece die-cast flange and step baffle (except BK). Recessed lamp rotates 360° horizontally and 35° vertically (can be aimed without removing trim).

example: 305ALPX

3 ¾" 95 mm

4 ½" 114 mm
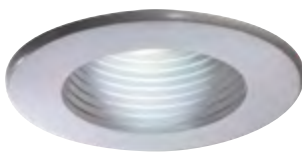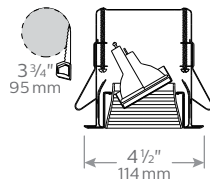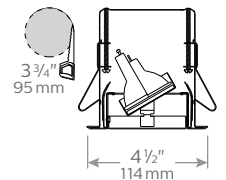
ALP Aluminum   **BK** Black   **WHW** White

Pinhole Slot ★★★

Lampholder rotates 360° horizontally and 40° vertically. Inner black shield reduces glares. Thin faceplate reduces flash from lamp on edges.

example: 309WHX

3 ¾" 95 mm

4 ½" 114 mm

WH White   **ST** Stainless steel

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16 37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
50W MR16 37W MR16IR	

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
50W MR16 37W MR16IR	

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16 37W MR16IR	42W MR16	N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	50W MR16 37W MR16IR

New Construction (AirSeal IC)

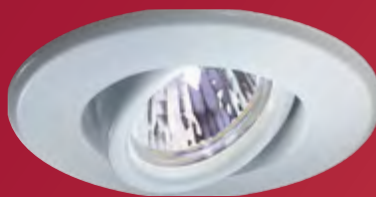| 302MRAICSPX	302MRAICEX
37W MR16IR	

Note: Trims accommodate all ceiling types (1/8" to 1" thick).

LytePoints
round 3¾" trims

Gimbal / Elbow

These miniature low voltage accent lights feature the versatile MR16 and ES16 light sources to dramatically highlight paintings, artwork and other objects while carefully blending into the ceiling.
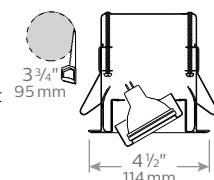

Residential Gimbal ★★

Lamp sits flush with the ceiling. Adjustable up to 30° vertical and 360° horizontal. Easiest and fastest install with rear lamping and patented spring clips.
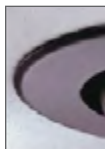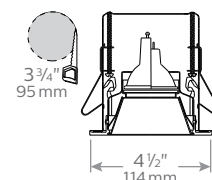
example: 313WHX

3¾" 95 mm
4½" 114 mm

WH White

AL Alum.   **BK** Black   **ST** Stainless

Basic Cone ★★

Mini-aperture accent lights with chrome or brass cone. Recessed lamp provides excellent shielding.

example: 374CHX

3¾" 95 mm
4½" 114 mm

CH Chrome

BS Brass

Elbow Flat ★★

Retracts into fully recessed downlight. Elbow adjusts up to 70° vertical and 360° horizontal. Certified for wall mounting with 303MRE.

example: 378WHX

3¾" 95 mm
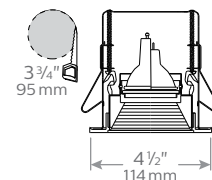7⅜" 187 mm
4½" 114 mm
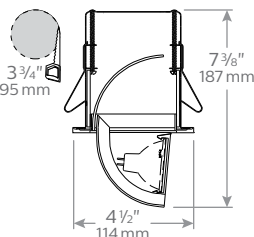
WH White

BK Black   **ST** Stainless steel

Basic Baffle ★★

Mini-aperture downlight basic step baffle. Style-matched with other line voltage step baffles.

example: 375WHX

3¾" 95 mm
4½" 114 mm

WH White

BK Black

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16 37W MR16IR		37W MR16IR

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
50W MR16* 37W MR16IR	

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
50W MR16 37W MR16IR	

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16 37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	50W MR16 37W MR16IR

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
50W MR16 37W MR16IR	

* Elbow (378) is not available with 50W MR16 for 302MRIC9SPX configurations.
Note: Trims accommodate all ceiling types (1/8" to 1" thick).

LytePoints
round 3¾" trims

Glass

Choose from a variety of round drop glass, residential disks, rounded glass, and contour flange options for extra impact and beautiful aesthetics to your lighting layout.
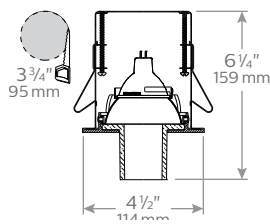
Drop Glass ★★
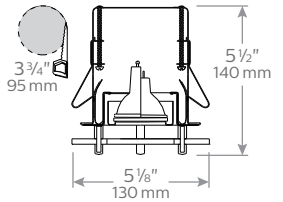
Adjustable Drop Glass Brushed Steel.

example: 371FGX

3¾"
95 mm

6¼"
159 mm

4½"
114 mm

FG Clear specular

Residence Disk ★★

Beautiful ring with open centre. It has a nice impact on light by softening the outer light beam of the MR16 or ES/ESD16.

example: 317FGALX

3¾"
95 mm

5½"
140 mm

5⅛"
130 mm

FGAL Poly-carbonate ring with aluminum faceplate

Rounded Glass ★★

Miniature decorative trim. Soft diffusion for a smooth beam pattern. Choice of three decorative glass colors.

example: 322FGX

3¾"
95 mm

5¼"
133 mm
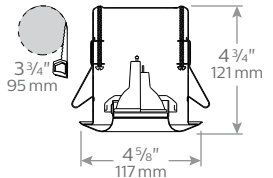
5"
127 mm

FG White frosted glass
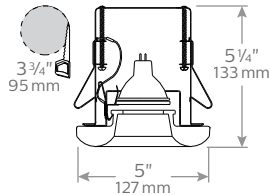
Contour ★★

Simple contoured architectural flange specially designed for task areas and wet locations such as showers (gasket included but can be removed).

example: 316WHX

3¾"
95 mm

4¾"
121 mm

4⅝"
117 mm

WH White

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16 37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	50W MR16 37W MR16IR

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
50W MR16 37W MR16IR	

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16 37W MR16IR		37W MR16IR

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
50W MR16* 37W MR16IR	

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
50W MR16 37W MR16IR	

* Residence Disk (317) is not available with 50W MR16 for 302MRIC7SPX configurations.
Note: Trims accommodate all ceiling types (1/8" to 1" thick).

LytePoints
round 3 ¾" trims

Countour / Shower lights

These shower light lens options add functionality without sacrificing good looks in areas that require a wet location listing such as showers, or kitchens or other commercial and residential spaces.
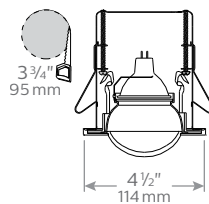
Shower Light (dome lens) ★★★

Simple architectural flange with glass diffuser for a new appearance. Specially designed for wet locations such as showers (gasket included).
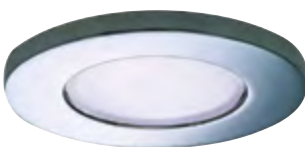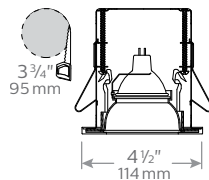
example: 376WHX

3 ¾"
95 mm

4 ½"
114 mm

WH White

Shower Light (flat lens) ★★★

Exceptional performance with a simple and elegant styling suitable for any application and UL listed for wet location applications.

example: 377CHX

3 ¾"
95 mm

4 ½"
114 mm

CH Chrome   **WH** White

New Construction (Non–IC)

302MREX	302MRSPX
50W MR16 **37W** MR16IR	

Remodeler (Non–IC)

300MRSPX	3401MREX	303MRE
50W MR16 **37W** MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	**50W** MR16 **37W** MR16IR

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
50W MR16 **37W** MR16IR	

Note: Trims accommodate all ceiling types (1/8" to 1" thick).

LytePoints
square 3¾" trims

Cones / Baffles

When selecting your square adjustable downlighting for new construction or remodeling, you need options that are designed for the task. The housing is made of corrosion-resistant galvanized metal. Choose from up to three flange treatments and the perfect flange, baffle, or cone for general ambient lighting, accenting, or task lighting.
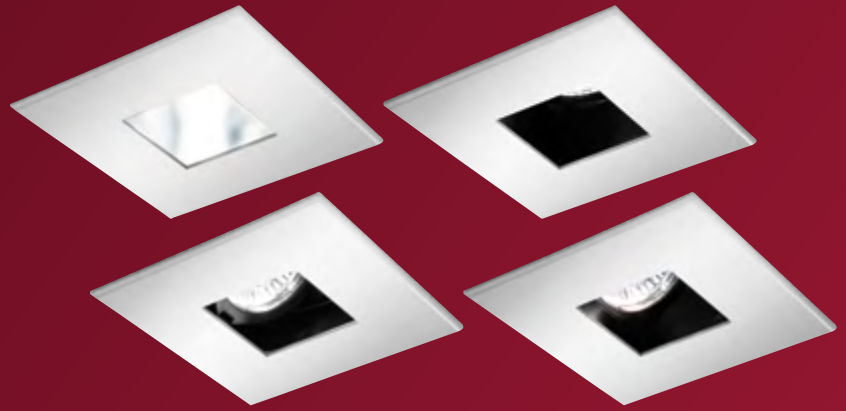
Adjustable cone ★★★

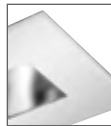Die-cast aluminum faceplate with choice of four flange treatments.

example: 343**CCDSTX**

3¾" 95 mm 4-³/₈" 4-¹/₂"
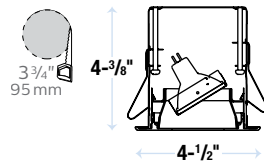
CCDSTX
Comfort clear diffuse cone & brushed steel flange

CCDCMX
Comfort clear diffuse cone & chrome flange

CCDWHX
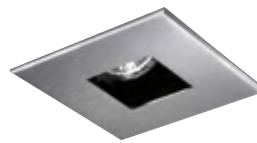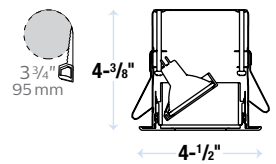Comfort clear diffuse cone & white flange

WHWHX
White cone & white flange

Adjustable downlight ★★★

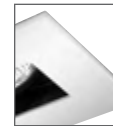Die-cast aluminum faceplate with choice of three flange treatments.

example: 348**STX**

3¾" 95 mm 4-³/₈" 4-¹/₂"

STX
Brushed steel flange & black cone
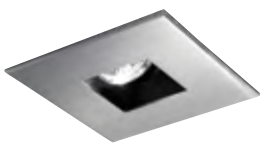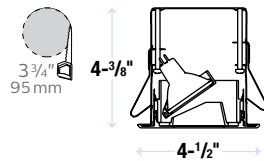
CMX
Chrome flange & black cone

WHX
White flange & black cone

Adjustable baffle ★★★

Die-cast aluminum faceplate with choice of four flange treatments.
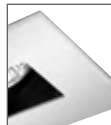
example: 344**ASTX**

3¾" 95 mm 4-³/₈" 4-¹/₂"

ASTX
Brushed steel flange & black baffle
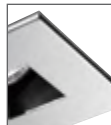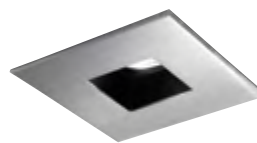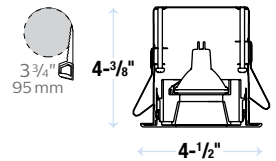
ACMX
Chrome flange & black baffle

AWHX
White flange & black baffle

Downlight baffle ★★★

Die-cast aluminum faceplate with choice of three flange treatments.

example: 344**DSTX**

3¾" 95 mm 4-³/₈" 4-¹/₂"

DSTX
Brushed steel flange & black baffle

DCMX
Chrome flange & black baffle

DWHX
White flange & black baffle

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
50W MR16* 37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	50W MR16 37W MR16IR

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
37W MR16IR	

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	50W MR16 37W MR16IR

New Construction (AirSeal IC)

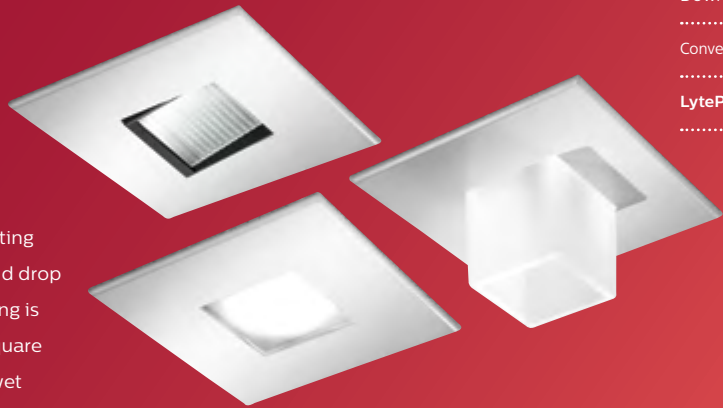| 302MRAICSPX	302MRAICEX
37W MR16IR	

* Adjustable baffle (343) is not available with 50W MR16 for 3401MREX configurations.
Note: Trims accommodate all ceiling types (1/8" to 1" thick).

Budget INC downlighting

LytePoints

square 3¾" trims

Wall Wash / Shower lights / Glass

These square downlighting options add more variety to your lighting design palette in the form of a lensed wall wash for accenting, and drop glass for a bit of style and general or ambient lighting. The housing is made of corrosion-resistant galvanized metal. The adjustable square lensed shower light fulfills the need for applications requiring a wet location listing such as showers or kitchens.
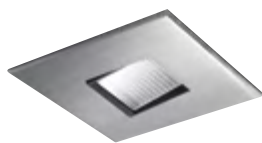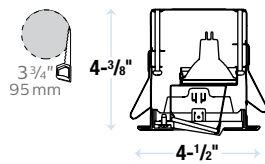
Lensed wall wash ★★★

Die-cast aluminum faceplate with choice of four flange treatments.
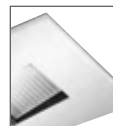
example: 346**WSTX**

3¾"
95 mm
4-³/₈"
4-¹/₂"

WSTX
Brushed
steel flange
& frosted lens
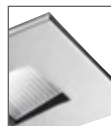
WCMX
Chrome flange
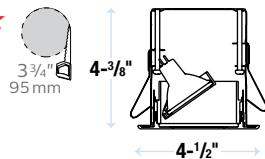& frosted lens

WWHX
White flange
& frosted lens

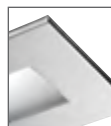### Adjustable lensed shower light ★★★

Die-cast aluminum faceplate with choice of four flange treatments.

example: 347**ASTX**

3¾"
95 mm
4-³/₈"
4-¹/₂"

ASTX
Brushed
steel flange
& frosted lens

ACMX
Chrome flange
& frosted lens
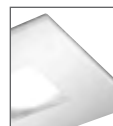
AWHX
White flange
& frosted lens

Drop Glass ★★★

Die-cast aluminum faceplate with choice of three flange treatments.

example: 341**DSTX**

3¾"
95 mm
6-¹/₄"
4-¹/₂"
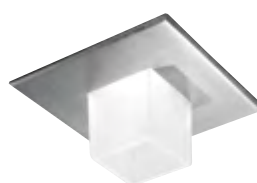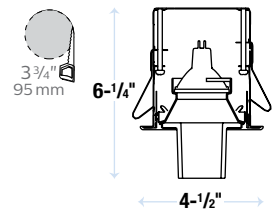
DSTX
Brushed
steel flange
& frosted glass

DCMX
Chrome flange
& frosted glass

DWHX
White flange
& frosted glass

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR*	37W MR16IR

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
35W MR16	

New Construction (Non-IC)

302MREX	302MRSPX
50W MR16 37W MR16IR	

Remodeler (Non-IC)

300MRSPX	3401MREX	303MRE
37W MR16IR		N/A

New Construction (IC)

302MRIC7SPX	302MRIC9SPX
37W MR16IR	50W MR16 37W MR16IR

New Construction (AirSeal IC)

302MRAICSPX	302MRAICEX
35W MR16	

* Adjustable baffle (346) is not available with 37 MR16IR for 302MRIC7SPX configurations.
Note: Trims accommodate all ceiling types (1/8" to 1" thick).

LyteCaster

round 3¾" aperture downlights

Incandescent

Standard voltage and hydroform downlights were designed for both new construction and remodel, IC and Non-IC applications. The housing is made of corrosion-resistant galvanized metal. Interchangeable trims allow for a variety of lighting effects, and are compatible with a wide variety of incandescent lamps, with some being models wet location listed.

Standard voltage
New Construction (IC)

2000AIC   2000IC

Series	
2000AIC	New construction AirSeal IC housing
2000IC	New construction IC housing

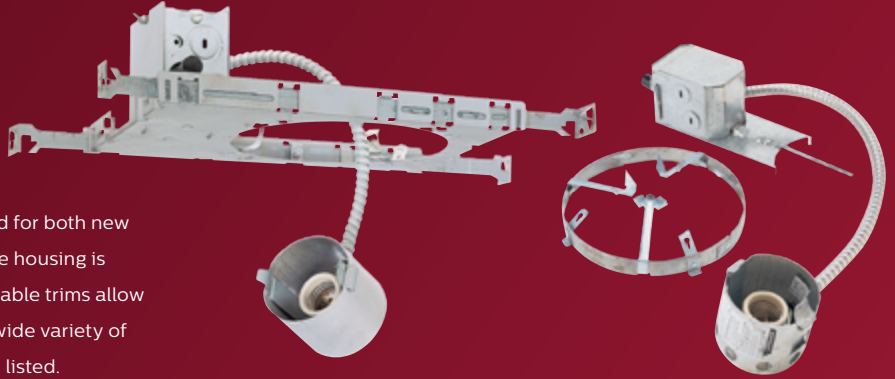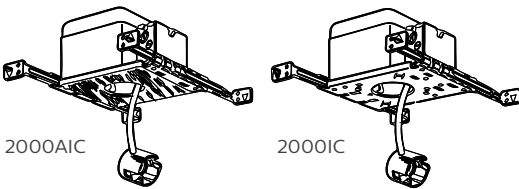### Compatible lamping and trims

Style		
45W PAR16, 50W R20 / PAR20	**45W PAR16, 50W R20**	**50W PAR20 (wet location)**
2005 Metal step baffle	**2022** Eyeball baffle	**2084** Open
2008 Brushed gold cone	**2027** Adj. baffle	**2090** Lensed
2013 Specular cone	**2029** Adj. cone	
2016 Splay cone		
2017 Groove baffle		
2022 Eyeball baffle		
2076 Plastic baffle		

Standard voltage
New Construction & Remodeler (Non-IC)

2000P1   2002P1   2003R

Series	
2000P1	New construction Non-IC housing
2002P1	New construction Non-IC frame
2003R	New construction Non-IC remodeler

Compatible lamping and trims

Style		
40W A19, 50W PAR20, 75W R20 / PAR16	**50W R20, 60W PAR16**	**50W PAR20 (wet location)**
2005 Metal step baffle	**2016** Splay cone[1]	**2084** Open[2]
2008 Brushed gold cone	**2017** Groove baffle[1]	**2090** Lensed
2013 Specular cone		
2076 Plastic baffle		
50W PAR20, 75W R20 / PAR16	**60W BT15**	**40W A19, 45W PAR16, 50W R20 / PAR20**
2022 Eyeball baffle[2,3]	**2046** Specular deep cone	**2011** Pinhole[2,4]
2027 Adj. baffle[2,3]	**2096** Wall wash	
2029 Adj. cone[2,3]		

2005   2008   2011   2013   2016   2017   2022

2027   2029   2046   2076   2084   2090   2096
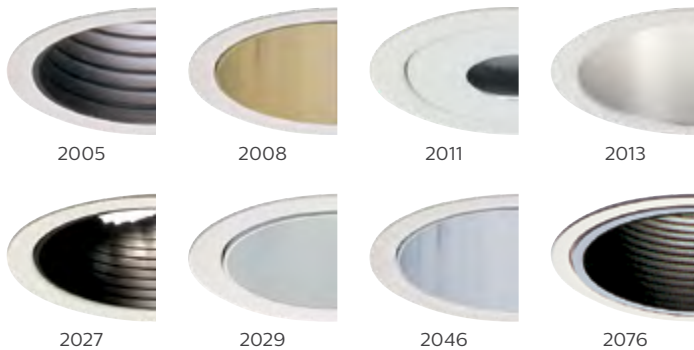
1. Replace 60W PAR16 with 75W PAR16 for 2003R configurations.
2. Not compatible with 2000P1 configurations.
3. Not compatible with 20003R configurations.
4. Replace 45W PAR16 with 60W PAR16 for 2003R configurations.

Downlighting
....
Conventional sources
....
LyteCaster
....

LyteCaster
round 3¾" aperture downlights

Incandescent

Luminaries that fill that need for new construction and remodeling in IC and Non-IC rated ceilings. Customize your downlighting for each application with the most commonly requested flanges, baffles, and cones.

Low voltage
New Construction & Remodeler (Non-IC / IC)
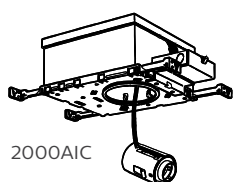
2000AIC
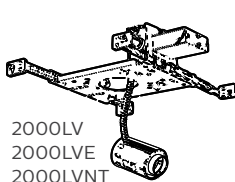
2000LV
2000LVE
2000LVNT
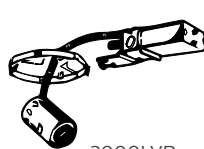
2000LVR
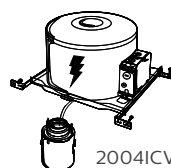
2004ICV

Series	
2000AICV	New construction, AirSeal IC housing
2000LV	New construction, Magnetic Non-IC frame
2000LVE	New construction, Electronic Non-IC frame ("1" suffix for 120V 0.67A max or "2" suffix for 277V 0.27A max)
2000LVNT	New construction, Remote transformer Non-IC frame
2000LVR	New construction, Non-IC remodeler
2004ICV	Lytening, New construction, AirSeal IC frame with screws ("N" suffix for nails)

Compatible lamping and trims

Style					Styles (low voltage only)				
Styles		Most frames	2000AICV	2000LVNT	Styles (low voltage only)		Most frames	2000AICV	2000LVNT	2004ICV
2005	Metal step baffle	50W MR16	35W MR16	42W MR16	**2006**	LV Pinhole	50W MR16	35W MR16	42W MR16	37W MR16
2008	Brushed cone	50W MR16	35W MR16	42W MR16	**2022LV**	LV Eyeball baffle	50W MR16	35W MR16	42W MR16	50W MR16
2011	Pinhole	50W MR16	35W MR16	42W MR16	**2090LV**	LV Wet location	50W MR16	37W MR16	50W MR16	37W MR16
2013	Specular cone	50W MR16	35W MR16	42W MR16	Styles (low voltage only)		Most frames	2000AICV	2000LVNT	2000LVR
2016	Splay cone	50W MR16	—	—	**2025**	LV Mini-swivel[2]	50W MR16	—	42W MR16	37W MR16
2017	Groove baffle	50W MR16	—	—	**2026**	LV Shower light	50W MR16	—	42W MR16	37W MR16
2076	Plastic baffle[1]	50W MR16	35W MR16	42W MR16						

2005   2008   2011   2013   2016   2017   2076   2090LV

2006   2022LV   2025   2026

1. Also compatible with 37W MR16 IR for 200LV and 2004ICV configurations
2. Also compatible with 37W MR16 with 2000LV configurations.

Budget INC downlighting

37

LyteCaster
round 5¼" aperture downlights

Incandescent

Standard voltage and hydroform downlights were designed for both new construction and remodel, IC and Non-IC applications. The housing is made of corrosion-resistant galvanized metal. Interchangeable trims allow for a variety of lighting effects, and are compatible with a wide variety of incandescent lamps, with some being models wet location listed.
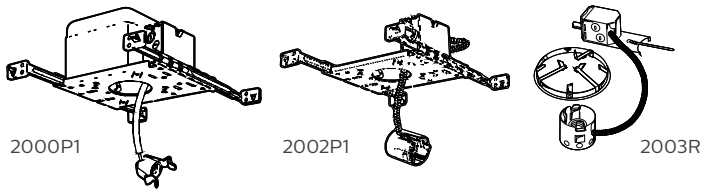
Standard voltage
New Construction (IC)

1000AICM   1000IC

Series	
1000AICM	New construction AirSeal IC housing
1000IC	New construction IC housing

Compatible lamping and trims

Style		
40W A19, 75W PAR30, 65W BR30	**40W A19**	**60W A19**
1005 Metal step baffle	**1021** Opal glass	**1046** Specular deep cone
1008 Brushed cone	**1035** Eyelid baffle wall wash	**1096** Wall wash[1]
1013 Specular cone	**1078** Opalex drop lens[2]	**60W PAR30**
1071 White reflector	**1085** Eyelid wall wash	**1084** Open[2]
1076 Plastic baffle		
75W PAR16 / PAR30S, 50W PAR20	**75W R20, 50W PAR20**	**60W PAR30S**
1027 Adj. accent	**1022** Eyeball baffle	**1090** Etched lens[2]
	1082 Eyeball	
75W PAR16, 50W PAR20 / PAR30		
1029 Adj. baffle & cone		

Standard voltage
New Construction & Remodeler (Non-IC)

1000P1   1002P1   1003R

Series	
1000P1	New construction Non-IC housing
1002P1	New construction Non-IC frame
1003R	New construction Non-IC remodeler

Compatible lamping and trims

Style		
75W A19 / PAR30L / BR30	**60W A19, 75W BR30**	**75W A19**
1005 Metal step baffle[3]	**1035** Eyelid baffle wall wash[3]	**1021** Opal glass
1008 Brushed cone[3]	**1078** Opalex drop lens[2,7]	**1096** Walll wash[9]
1013 Specular cone[3]	**1085** Eyelid wall wash[7]	**100W A19**
1071 White reflector[3,4]		**1046** Specular deep cone
1076 Plastic baffle[3,5]	**50W PAR20, 75W R20**	
	1022 Eyeball baffle[8]	**75W PAR30L**
50W PAR20, 75W PAR16 / PAR30	**1082** Eyeball	**1084** Open[2]
1027 Adj. accent[6]		**1090** Etched lens[2]
50W PAR20, 75W PAR16 / PAR30S	**50W PAR30 / R20, 75W A19**	
1029 Adj. baffle & cone	**1011** Pinhole	

1005   1008   1011   1013   1021   1022   1027   1029   1035

1046   1071   1076   1078   1082   1084   1085   1090   1096

1. Not compatible with 1000AICM configurations.
2. Product is wet location listed.
3. Replace 75W BR30 with 85W BR30 for 1003R configurations.
4. Replace 75W BR30 with 65W BR30 for 1000P1 or 1002P1 configurations.
5. Replace 75W A19 with 60W A19 for 1000P1, 1002P1 or 1003R configurations.
6. Not compatible with 1002P1 or 1003R configurations.
7. Not compatible with 75W BR30.
8. Not compatible with 1000P1 configurations.
9. Not compatible with 1000P1 or 1003R configurations.

Budget INC downlighting

LyteCaster
round 5¼" aperture downlights

Incandescent

Luminaries that fill that need for new construction and remodeling in IC and Non-IC rated ceilings. Customize your downlighting for each application with the most commonly requested flanges, baffles, and cones.

**1088
Eyeball regressed**

Low voltage
New Construction & Remodeler (Non-IC/IC)
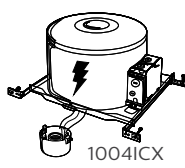
1004IC   1004ICR   1004ICX   1004SIC   1004SICR
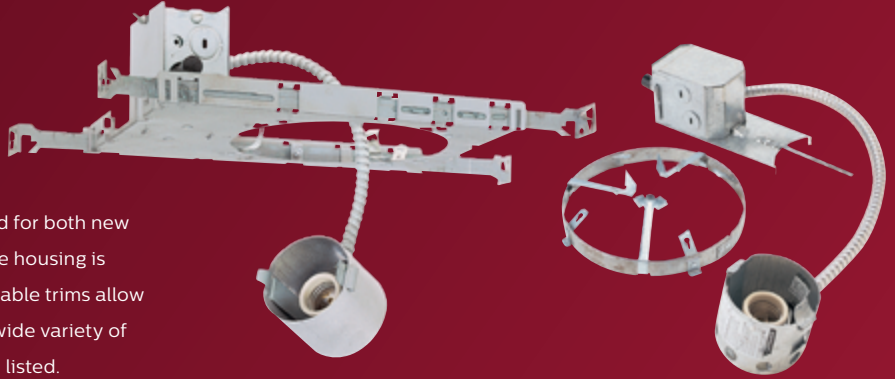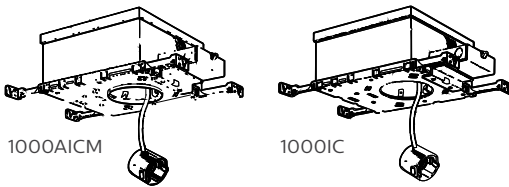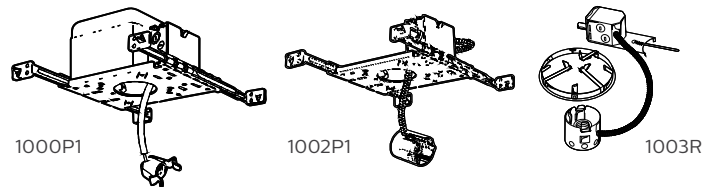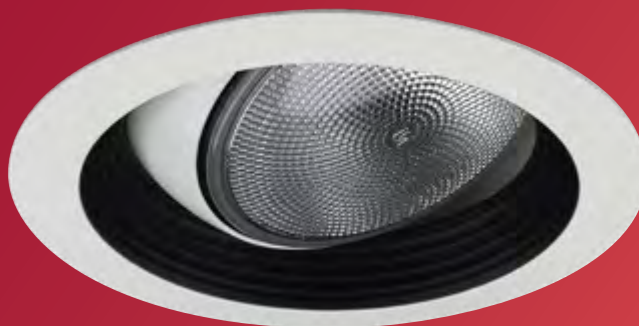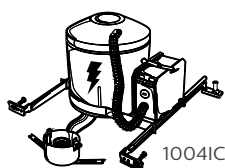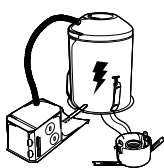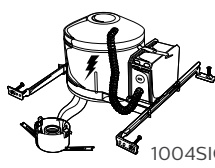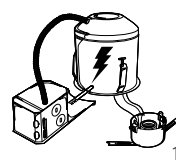
Series	
1004IC	Lytening, convertable Non-IC/IC frame with screws ("N" suffix for nails, "Q" suffix for quick connect, "NQ" suffix for both)*
1004ICR	Lytening, convertable Non-IC/IC remodeler*
1004ICX	Lytening, high wattage AirSeal IC frame with screws ("N" suffix for nails, "Q" suffix for quick connect, "NQ" suffix for both)
1004SIC	Lytening, shallow convertable Non-IC/IC frame with screws ("N" suffix for nails)*
1004SICR	Lytening, shallow convertable Non-IC/IC remodeler*

Compatible lamping and trims   (Non-IC applications)

Style

1004IC/ICR only

40W A19, 75W PAR30L, 75W BR30	50W PAR20, 75W R20	60W A19
1005 Metal step baffle	**1022** Eyeball baffle **1082** Eyeball	**1046** Specular deep cone
60W A19, 75W PAR30, 85W BR30	50W PAR30, 65W BR30, 40W A19	75W PAR30
1008 Brushed cone **1013** Specular cone	**1076** Plastic baffle	**1081** Open
85W BR30, 75W PAR30, 52W A19	75W PAR30 (short neck)	75W PAR30S
1071 White reflector	**1088** Eyeball regressed	**1090** Etched lens[3]

1004SIC/SICR only		**1004IC/SIC only**
50W PAR30L, 60W BR30	50W PAR30, 65W BR30	65W BR30, 75W PAR30
1005 Metal step baffle	**1008** Brushed cone **1013** Specular cone	**C71** Spec. cone[1] **C76** Spun baffle[1]

1004ICX only   (Non-IC/IC applications)

40W A19, 75W PAR30, 65W BR30	75W PAR30S/PAR16, 50W PAR20	60W PAR30S
1005 Metal step baffle	**1027** Adj. accent	**1090** Etched lens[3]
60W A19, 75W PAR30, 85W BR30	75W R20, 50W PAR20	60W A19
1008 Brushed cone **1013** Specular cone	**1022** Eyeball baffle **1082** Eyeball	**1046** Spec. deep cone **1096** Wall wash

Compatible lamping and trims   (IC applications)

Style

1004IC/ICR only

50W PAR30L, 60W BR30	50W PAR20, 75W R20	40W A19
1005 Metal step baffle	**1022** Eyeball baffle **1082** Eyeball	**1046** Specular deep cone
40W A19, 50W PAR30, 65W BR30	50W PAR30, 65W BR30	75W PAR30
1008 Brushed cone **1013** Specular cone	**1076** Plastic baffle	**1081** Open
65W BR30, 50W PAR30	50W PAR30	
1071 White reflector	**1088** Eyeball regressed	

1004SIC/1004SICR only		**1004IC/SIC only**
50W PAR30L, 60W BR30	50W PAR30, 65W BR30	65W BR30, 50W PAR30
1005 Metal step baffle	**1008** Brushed cone **1013** Specular cone	**C71** Spec. cone[2] **C76** Spun baffle[2]

75W PAR30, 65W BR30, 52W A19	60W PAR30
1071 White reflector	**1084** Open[2]
75W PAR30L, 65W BR30, 40W A19	40W A19
1076 Plastic baffle	**1021** Opal glass **1035** Eyelid baffle wall wash **1085** Eyelid wall wash

Note: See page to left for images of compatible trims.

1. Replace 75W PAR30 with 50W PAR30 for 1004SIC configurations.
2. Replace 50W PAR30 with 75W PAR30 for 1004SIC configurations.
3. Product is wet location listed.

* Optional **LAS56** AirSeal kit available for new construction or **LAS56R** for remodeler.

LyteCaster
## round 6 ¾" aperture downlights

Incandescent

Standard voltage and hydroform downlights were designed for both new construction and remodel, IC and Non-IC applications. The housing is made of corrosion-resistant galvanized metal. Interchangeable trims allow for a variety of lighting effects, and are compatible with a wide variety of incandescent lamps, with some being models wet location listed.
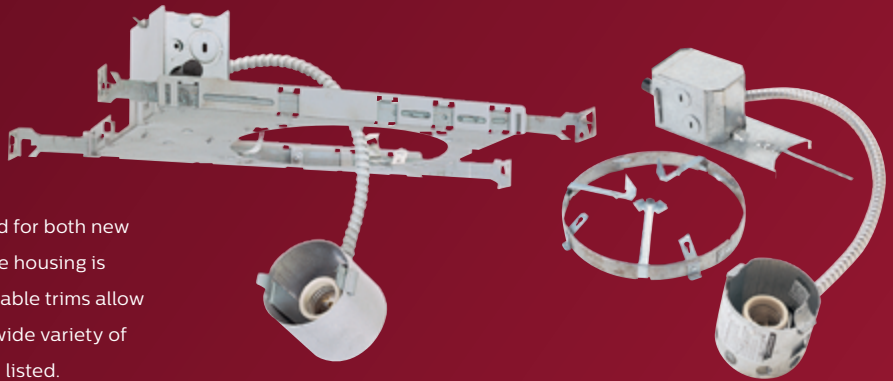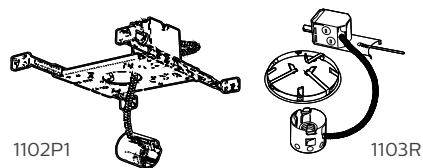
Standard voltage
New Construction (IC)
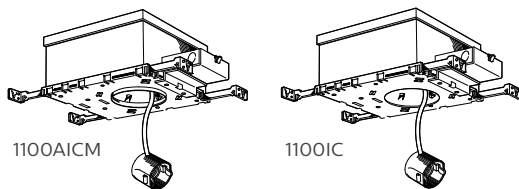
1100AICM   1100IC

Series	
1100AICM	New construction AirSeal IC housing
1100DAICM	New construction deep AirSeal IC housing
1100IC	New construction IC housing
1100DICM	New construction deep IC housing

Standard voltage
New Construction & Remodeler (Non-IC)

1102P1   1103R

Series	
1102P1	New construction Non-IC frame
1103R	New construction Non-IC remodeler

Compatible lamping and trims

Style		
40W A19	**75W A19, 90W PAR38, 100W BR40**	**60W A19, 100W PAR38 / BR40**
1177SH Opalex drop lens	1108 Brushed cone	1105 Metal step baffle
1178SH Opalex flush lens	1113 Specular cone	
60W A19, 90W PAR38, 100W BR40	**100W A19**	**60W A19**
1171 White reflector	1144 Shallow spec. cone	1121 Opal glass
75W PAR30, 85W BR30	**85W BR30, 75W PAR30L**	1126 Fresnel lens
1122 Eyeball baffle	1129 Shallow adjustable	1128 White diffuser
	1182 Eyeball	
1100IC / AICM only		
75W PAR30, 85W BR30, 90W PAR38	**60W A19, 75W PAR30**	**90W PAR38, 120W PAR38**
1170 White reflector	1132 Cross baffle	1154 Complete slope
90W PAR38	**75W PAR30S, 65W BR30**	**52W A19 (1100IC only)**
1190 Lensed	1131 Shallow slope	1185 Eyelid wall wash
75W PAR38 (outdoor rated)	**75W PAR30S**	
1184 Open	1133 Steep slope	
1100DIC / DAICM only (deep only)		
75W PAR30, 85W BR30	**60W A19, 90W PAR38**	**75W A19**
1170 White reflector	1132 Cross baffle	1196 Open wall wash
75W PAR38	**100W A19 / PAR38, 85W BR30**	**60W A19, 60W BR30**
1190 Lensed	1146 Specular deep cone	1135 Eyelid baffle wall wash

Compatible lamping and trims

Style		
100W A19	**100W A19**	**75W A19**
1144 Shallow spec. cone	1121 Opal glass	1178SH Opalex flush lens
100W A19, 150W A21, 90W BR40	1126 Fresnel lens	
1135 Eyelid baffle wall wash	1128 White diffuser	**60W A19**
100W A19, 150W A21, 85W BR30	1185 Eyelid wall wash	1177SH Opalex drop lens
1146 Specular deep cone	**100W A19, 150W PAR38 / BR40 / A21**	**75W PAR30, 85W BR30**
75W PAR38 (outdoor rated)	1105 Metal step baffle	1122 Eyeball baffle
1184 Open	1108 Brushed cone	**75W PAR30L, 85W BR30**
75W PAR30, 85W BR30, 75W A19	1113 Specular cone	1182 Eyeball
1170 White reflector	1176 Plastic baffle	**120W PAR38**
100W A19, 250W R40 IR, 150W PAR38/BR40	**150W PAR38 / BR40, 250W PAR38**	1190 Etched lens
1171 White reflector	1151 Deep shallow specular cone	
	100W A19, 150W PAR38	
	1132 Cross baffle	
1102P1 only		
90W PAR38, 85W BR30	**150W A21, 100W A19**	
1129 Shallow adjustable	1196 Open wall wash	

Downlighting
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Conventional sources
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LyteCaster
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LyteCaster
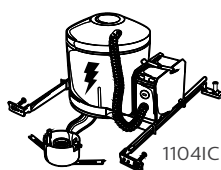## round 6¾" aperture downlights

Incandescent

Luminaries that fill that need for new construction and remodeling in IC and Non-IC rated ceilings. Customize your downlighting for each application with the most commonly requested flanges, baffles, and cones.
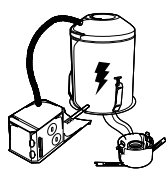
Low voltage
New Construction & Remodeler (Non-IC / IC)
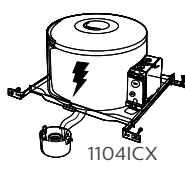
1104IC   1104ICR   1104ICX   1104SIC   1104SICR
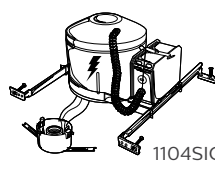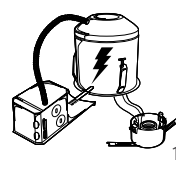
Series	
1104IC	Lytening, convertable Non-IC/IC frame with screws ("N" suffix for nails, "Q" suffix for quick connect, "NQ" suffix for both)*
1104ICR	Lytening, convertable Non-IC/IC remodeler*
1104ICX	Lytening, high wattage AirSeal IC frame with screws ("N" suffix for nails, "Q" suffix for quick connect, "NQ" suffix for both)
1104SIC	Lytening, shallow convertable Non-IC/IC frame with screws ("N" suffix for nails)*
1104SICR	Lytening, shallow convertable Non-IC/IC remodeler*

Compatible lamping and trims   (Non-IC applications)

Style

1104IC/ICR only

100W A19, 75W PAR30, 85W BR30	85W BR30, 75W PAR30L	45W PAR38
1144 Shallow spec. cone	**1182** Eyeball	**1190** Etched lens
100W A19 / PAR38, 150W BR40	120W PAR38 / BR40	75W A19
1108 Brushed cone **1113** Specular cone	**1116** Splay **1117** Baffle	**1121** Opal glass **1177LX** Flush glass
75W A19, 150W PAR38, 120W BR40	60W A19, 75W PAR30, 100W PAR38	52W A19 (wet location)
1171 White reflector	**1132** Cross baffle	**1178LX** Lexan dish
75W A19, 90W PAR38, 120W BR40	75W PAR30, 85W BR30	75W PAR38 (wet location)
1105 Metal step baffle	**1170** White reflector	**1181** Open (outdoor rated)
100W PAR38	75W PAR30 (long neck), 85W BR30	60W A19
1190 Metal step baffle	**B16** Shallow splay **B17** Shallow baffle	**1126** Fresnel lens **1128** White diffuser **1185** Eyelid wall wash
60W A19, 90W PAR38, 85W BR30, 120W BR40	40W A19 (wet location)	
1176 Plastic baffle	**1177SH** Flush lens **1178SH** Drop lens	

1104ICX only   (Non-IC/IC applications)

60W A19, 100W PAR38 / BR40	60W PAR38	52W A19, 75W PAR30
1105 Metal step baffle	**1190** Etched lens	**1132** Cross baffle
60W A19, 100W PAR38, 120W BR40	75W PAR30, 85W BR30	75W PAR30S, 65W BR30
1108 Brushed cone **1113** Specular cone	**1170** White reflector (also 90W PAR38) **1122** Eyeball baffle **1182** Eyeball (75W PAR30L)	**1131** Shallow slope **1133** Steep slope

Compatible lamping and trims   (IC applications)

Style

1104IC/ICR only

75W A19 / PAR30, 85W BR30	75W PAR30L, 85W BR30	45W PAR38
1144 Shallow spec. cone	**1182** Eyeball	**1190** Etched lens
60W A19, 75W PAR38, 65W BR30	60W PAR38, 75W PAR30 / BR40	40W A19
1108 Brushed cone **1113** Specular cone	**1116** Splay **1117** Baffle	**1121** Opal glass **1177LX** Flush glass **1178LX** Lexan dish
52W A19, 75W PAR38, 85W BR40	40W A19, 50W PAR30	75W PAR38 (wet location)
1171 White reflector	**1132** Cross baffle	**1181** Open (outdoor rated)
40W A19, 75W PAR38 / BR30, 65W BR40	75W PAR30, 90W PAR38, 85W BR30	60W A19
1105 Metal step baffle	**1170** White reflector	**1185** Eyelid wall wash
45W PAR38	60W PAR38, 75W PAR30 (long neck)	
1190 Metal step baffle	**B16** Shallow splay **B17** Shallow baffle	
40W A19, 75W PAR38, 65W BR30 / BR40		
1176 Plastic baffle		

(1104ICX only – IC applications)

90W PAR38 / BR40, 65W BR30	75W PAR38 (wet location)	100W A19
1129 Shallow Adjust.	**1184** Open (outdoor rated)	**1144** Shallow spec. cone
50W PAR30, 100W PAR38 / BR40	52W A19	40W A19
1116 Splay **1117** Baffle	**1121** Opal glass **1126** Fresnel lens **1128** White diffuser **1185** Eyelid wall wash	**1177LX** Flush glass (SIC) **1177SH** Flush lens (SIC) **1178SH** Lexan dish
52W A19, 90W PAR38 / BR40		
1176 Plastic baffle		

Note: See page to left for images of compatible trims.

* Optional **LAS56** AirSeal kit available for new construction or **LAS56R** for remodeler.

Lytecaster Performance
## round 5¼" aperture downlights

Compact fluorescent

Only part of the performance of this product comes from its use of energy efficient, and high performing LED lamps. Pair that with the Philips Lightolier reflectors, trims, lenses and domes, and you have a downlight highly designed for more demanding commercial new construction or remodels. Just like all of the LyteCaster family, the housing is constructed of galvanized steel for the longevity you need in commercial spaces.

Performance
New Construction & Remodeler (Non-IC/IC)
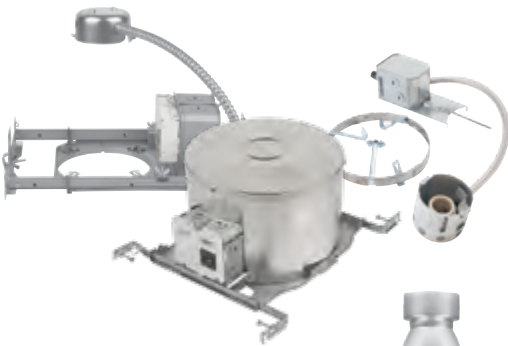
Compatible lamping

13W Quad/Triple
GX24q-1 base
120 V – 0.13 amp (max)
277 V – 0.06 amp (max)

18W Triple
GX24q-2 base
120 V – 0.17 amp (max)
277 V – 0.08 amp (max)

26W Triple
GX24q-3 base
120 V – 0.24 amp (max)
277 V – 0.11 amp (max)

Frame

Series		Model		Lamping		Option	
1001							
1001	Compact fluorescent	F	New Construction	13	13W Quad/Triple	U	Universal (Non-IC)[1]
				18	18W Triple	ICU	Universal (Airseal IC) for horizontal only[1]
				26	26W Triple		
		FR	Remodeler[2]	18	18W Triple	U	Universal (Non-IC)
				26	26W Triple		

Reflector

Series		Orientation		Finish		Style	
1001							
1001	Compact fluorescent	—	Vertical[3]	CL	Specular clear	—	Open
				CD	Clear diffuse	SW	Single Wall Wash
				WH	White (matte)	DW	Double Wall Wash
		H	Horizontal	CL	Specular clear	—	Open
				CD	Clear diffuse	SW	Single Wall Wash
				WH	White (matte)	C	Clear lens (wet location)
						F	Fresnel lens (wet location)
						O	Opal lens (wet location)
				A	Aluminum	CB	Crossblade
				WH	White (matte)		

Trim

Performance specular cone	Specular cone	Brushed satin cone	Baffle	Open wall wash	Eyelid baffle wall wash	Eyelid wall wash
1013CFL[3] 1013CDCFL[3]	1012[4] 1013[4] 1013BK[4] 1013WH 1013CD[4] 1045 1046/1046CD 1071 C71	1008[4] 1010[4]	1005[4] 1005BNM 1005WH 1076 1076WH C76	1095 1096 1096CD	1035 1035WH	1085

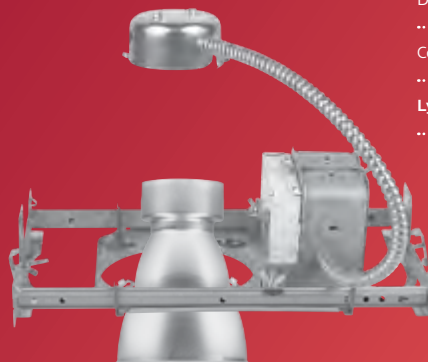| Pinhole	Opal glass	Glass dome	Opalex drop lens
1011	1021[5]	1024	1078

1. Add N suffix for preset nails.
2. Not compatible with 13W Quad/Triple lamping.
3. Not compatible with IC frames (ICU/ICUN).
4. Add NM suffix for Natural Metal flange and finish.
5. Trim is only compatible with 13W and 18W Quad lamps.

Downlighting
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Conventional sources
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Lytecaster
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Lytecaster Performance
round 6 ¾" aperture downlights

Compact fluorescent

Only part of the performance of this product comes from its use of energy efficient, and high performing LED lamps. Pair that with the Philips Lightolier reflectors, trims, lenses and domes, and you have a downlight highly designed for more demanding commercial new construction or remodels. Just like all of the LyteCaster family, the housing is constructed of galvanized steel for the longevity you need in commercial spaces.

Performance
New Construction & Remodeler (Non-IC/IC)
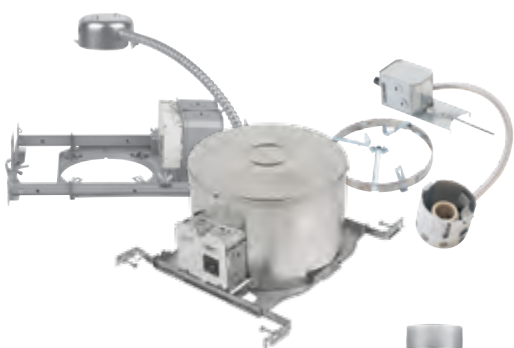
Compatible lamping

18W Quad/Triple
GX24q-2 base
120V - 0.17 amp (max)
277V - 0.08 amp (max)

26W Quad/Triple
GX24q-3 base
120V - 0.24 amp (max)
277V - 0.11 amp (max)

32W Triple
GX24q-3 base
120V - 0.31 amp (max)
277V - 0.13 amp (max)

42W Triple
GX24q-4 base
120V - 0.38 amp (max)
277V - 0.17 amp (max)

Frame

Series	Model		Lamping		Option	
1101						
1101 Compact fluorescent	**F**	New Construction	**18**	18W Quad/Triple	**U**	Universal (Non-IC)[1]
			2642	26W Quad/Triple 32W & 42W Triple	**ICU**	Universal (Airseal IC) for horizontal only [1]
	FR	Remodeler	**18**	18W Quad/Triple	**U**	Universal (Non-IC)
			2642	26W Quad/Triple 32W & 42W Triple		

Reflector

Series	Orientation		Finish		Style	
1101						
1101 Compact fluorescent	**–**	Vertical [2]	**CL** **CD** **WH**	Specular clear Clear diffuse White (matte)	**—** **SW** **DW**	Open Single Wall Wash Double Wall Wash
	H	Horizontal	**CL** **CD** **WH**	Specular clear Clear diffuse White (matte)	**—** **SW** **C** **F** **O**	Open Single Wall Wash Clear lens (wet location) Fresnel lens (wet location) Opal lens (wet location)
			A **WH**	Aluminum White (matte)	**CB**	Crossblade

Trim

Performance specular cone	Specular cone	Brushed satin cone	Baffle	Open wall wash	Eyelid baffle wall wash	Eyelid wall wash
1113CFL [2] 1113CDCFL [2]	1112 [3] 1113 [3] 1113BK [3] 1113WH 1113CD [3] 1143 1145 1146/1146CD 1144/1144CD	1108 [3] 1110 [3]	1105 [3] 1105B [3] 1105WH 1176 1176WH	1195 1196 1196CD	1135 [2] 1135WH [2]	1185

Cross blade	Opal Glass	Glass Dome	Opalex flush lens	Opalex drop lens	Etched lens	Basic splay	Basic baffle
1132 [4]	1121	1124	1177SH	1178SH	1190	1116	1117

1. Add N suffix for preset nails.
2. Not compatible with IC frames (ICU/ICUN).
3. Add NM suffix for Natural Metal flange and finish.
4. Not compatible with Retrofit frames.

Downlighting
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Conventional sources
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CPlus
....

C Plus
round 4″ aperture downlights

New Construction housings / frames and remodelers

These 4″ downlights are affordably priced for residential or soft commercial applications. Unlike some other models, this frame adjust vertically in the plaster frame to allow for variations in ceiling thickness and the self leveling frame ensures accurate positioning. Customize your downlighting for each application with the most commonly requested flanges, baffles, and cones.

P4ASIC
New Construction (Airseal Non-IC / IC)

	Baffle	Adj. Gimbal	Fresnel Lens	Clear Cone
	P4BW Matte White	**P4GW** Matte White	**P4F** Matte White	**P4RC** Matte White
R20	35W	35W	35W	50W
PAR20	35W	35W	35W	50W

P4
New Construction (Non-IC)

	Baffle	Adj. Gimbal	Fresnel Lens	Clear Cone
	P4BW Matte White	**P4GW** Matte White	**P4F** Matte White	**P4RC** Matte White
R20	50W	50W	35W	50W
PAR20	50W	50W	35W	50W

P4R
Remodeler (Non-IC)

	Baffle	Adj. Gimbal	Fresnel Lens	Clear Cone
	P4BW Matte White	**P4GW** Matte White	**P4F** Matte White	**P4RC** Matte White
R20	50W	50W	35W	50W
PAR20	50W	50W	35W	50W

C Plus

round 6″ aperture downlights

New Construction housings / frames and remodelers

These 6″ downlights are affordably priced for residential or soft commercial applications whether it is an IC or Non-IC installation. Unlike some other models, this frame adjusts vertically in the plaster frame to allow for variations in ceiling thickness and the self leveling frame ensures accurate positioning. Customize your downlighting for each application with the most commonly requested flanges, baffles, and cones.

PR75ASICNB
New Construction
(Airseal Non-IC / IC)

	Cone	Cone	Large Flange	Splay	Eyeball
	RBA100CLR Clear Cone Clear Flange	**RC30C** Clear Cone White Flange	**RF30W** White Flange Cone/Flange	**RS30W** Matte White Cone/Flange	**R18P** Matte White Flange
PAR30L	75W	75W	——	——	——
PAR30	50W	50W	50W	75W	75W
R/BR30	75W	75W	——	75W	75W
PAR38	90W	90W	——	——	——
R/BR40	90W	——	——	——	——
A19	75W	——	——	——	——

CRR1NBQP
Remodeler
(Airseal Non-IC / IC)

PAR30L	75W	75W	75W	75W	75W
PAR30	75W / 50W	75W / 50W	75W / 50W	75W	——
R/BR30	——	75W	75W / 65W	75W	100W / 75W
PAR38	90W	150W / 90W	——	——	——
R/BR40	——	——	——	——	——
A19	——	——	——	——	——

QL6NBQP
New Construction
(Airseal Non-IC / IC)
QuikLights

PAR30L	75W	75W	——	——	75W
PAR30	75W / 50W	75W / 50W	75W / 50W	75W	——
R/BR30	75W	75W	——	75W	75W
PAR38	150W / 90W	100W / 90W	——	——	——
R/BR40	150W / 90W	——	——	——	——
A19	75W	——	——	——	——
A21	150W / ——	——	——	——	——

PR26ASICNBNE1
New Construction
(Vertical Airseal IC)
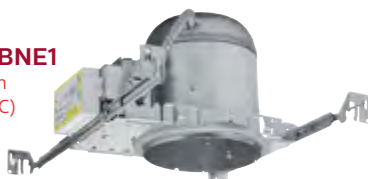
	Cone	Cone	BR30, PAR38/30 Grooved Baffle	BR30, PAR38/30 Grooved Baffle Cone	Vertical Regressed Shower
	RBA100CLR Clear Cone Clear Flange	**RC30C** Clear Cone White Flange	**RB30W** Matte White	**RBC30WM** Matte White	**SHR6ICW** Matte White
TTT	26W	26W	26W	26W	26W

Budget CFL downlighting

C Plus
round 6″ aperture downlights

**New Construction housings / frames and remodelers**

Below are more 6″ downlights for residential or soft commercial applications whether it is an IC or Non-IC installation. Unlike some other models, this frame adjusts vertically in the plaster frame to allow for variations in ceiling thickness and the self leveling frame ensures accurate positioning. Customize your downlighting for each application with the most commonly requested flanges, baffles, and cones.
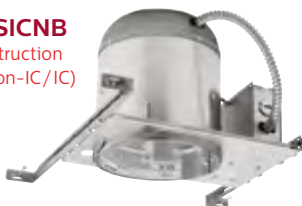
| | | BR40, PAR38 Grooved Baffle | BR30, PAR38/30 Grooved Baffle | BR30, PAR38/30 Grooved Baffle | BR30, PAR38/30 Grooved Baffle Cone | BR30, PAR38/30 Grooved Baffle Cone | Regressed Lens | Drop Opal Shower |
		RB40W Matte White	**RB30W** Matte White	**RB30** Matte Black	**RBC30M** Matte Black	**RBC30WM** Matte White	**SHR12IC** Matte White	**SHR16IC** Matte White
PR75ASICNB New Construction (Airseal Non-IC/IC)	PAR30L	75W	75W	75W	75W	75W	——	——
	PAR30	50W	50W	50W	50W	50W	——	——
	R/BR30	75W	75W	75W	75W	75W	——	——
	PAR38	90W	90W	90W	90W	90W	——	——
	R/BR40	90W	——	——	——	——	——	——
	A19	——	——	——	——	——	25W	25W
CRR1NBQP Remodeler (Airseal Non-IC/IC)	PAR30L	75W	75W	75W	50W	50W	——	——
	PAR30	75W/50W	50W/75W	50W/75W	50W	50W	——	——
	R/BR30	75W	75W	75W	75W	75W	——	——
	PAR38	150W/90W	150W/90W	150W/90W	90W	90W	——	——
	R/BR40	150W/90W	——	——	——	——	——	——
	A19	——	——	——	——	——	60W/25W	25W
QL6NBQP New Construction (Airseal Non-IC/IC) QuikLights	PAR30L	75W	75W	75W	75W	75W	——	——
	PAR30	75W/50W	75W	75W	75W/50W	75W/50W	——	——
	R/BR30	75W	100W/75W	100W/75W	75W	75W	——	——
	PAR38	150W/90W	150W/60W	150W/60W	150W/——	150W/——	——	——
	R/BR40	150W/75W	——	——	——	——	——	——
	A19	——	——	——	——	——	75W/25W	75W/40W

| | | Grooved Baffle | Spay | Eyeball | Drop Opal Shower |
		RBS30W Matte White (shallow)	**RS30W** Matte White Cone/Flange	**R18P** Matte White Flange	**SHR16IC** Matte White
R9ASIC New Construction (Shallow Airseal IC)	PAR30L	75W	75W	75W	——
	R/BR30	65W	65W	65W	——
	A19	——	——	——	25W
RR9ASIC Remodeler (Shallow Airseal IC)	PAR30L	75W	——	75W	——
	PAR30	——	50W	——	——
	R/BR30	45W	45W	45W	——
	A19	——	——	——	25W

Accessories

Thermal protector replacement

Frame-in kit	Part#	Order/Pulse#
1004ICV	LH-1209K	921250
1004ICX	LH-3334B	932301
1104ICX	LH-3332A	932244
1004IC, 1004ICR, 1004SIC, 1004SICR, 1104IC	LH-3334	929895
2004ICV	MI-5481C	931759
1102P1, 1002P1, 1003R, 2003R, 2000LV, 2000LVR, 2002P1	SK-3075	916970
1000LVNT, 2000LVNT	LH-1209K	921250
1000P1, 1100P1	SK-3101	923096
1000IC, 1000ICV, 1000AICM, 1100AICM, 1100DAICM	MI-7400	898640
1000LV, 1000LVR	SK-3104	917117
2000P1, 2000IC, 2000AIC, 2000AICV	SK-3113	925696
1700P1	SK-3114	926417

Note: Please refer to part# and pulse# when ordering.

MR16 socket replacement

HC356BLADE: Replacement hole saw blade.

HC356: Dedicated hole saw reduces installation time. Completely adjustable cutter comes with Lytecaster template. Place cutting elements in the holes labeled for the frame you are using and tighten. Durable dust shield eliminates clean-up even when remodeling. Comes with additional drill bits, extra cutting elements and contractor pencil all housed in a convenient, durable plastic case.

Daylight harvesting kit
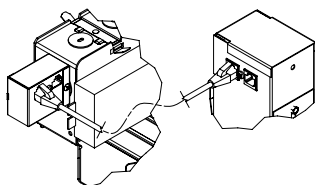
DHMI: CAT5 J-Box adapter
UL2F-EZR: Daylight Sensor
39-30256-000 CSP: CAT5 cable

Expand your energy saving options with the inclusion of daylight harvesting. This 3-part system can daisy chain any 0-10v dimming product in 10 foot increments.

Medium base socket extender

1968: For 50W and 75W short neck PAR30 lamps only. Limited compatibility (see individual reflector trim data). Adds $1^1/_4$" to length.

MR16 socket replacement

1975A

1975TAL

1975B

1975A: For series 1000LV frame-in kits and 1152 & 1161 trims.

1975B: For series 2000LV frame-in kits and 1052LV trim.

1975TAL: For GE turn and lock lamps.

Lytening AirSeal gasket kits

LAS56: Converts housings* 1104IC, 1004IC, 1004SIC, 1104FI to comply with Model Energy Code and Washington State Energy Code air leakage requirements.

LAS56R: Converts remodelers* 1104ICR, 1004ICR, 1004SICR, 1104FIR to comply with Model Energy Code and Washington State Energy Code air leakage requirements.

*Use with Lytening new construction housings (1104IC, 1004IC, 1104SIC, 1004SIC, 1104FI) only if factory installed tape or knockouts have been removed.

Retaining clips

1955: For installation in existing ceilings. Box of 100. For Series 2000, 1000, 1100 (except Basic reflectors, Deep and shallow specular reflectors). 1 1/4" maximum ceiling thickness.

MR16 filters & louvers

Diffusion filters	Catalog No.
Symmetric 55°	AF2SY
Asymmetric 5 x 55°	AF2AS
Perimeter frost	AF2PF
Soft focus	AF2SF

Specialty louvers	Catalog No.
Ultraviolet reduction	AF2UV
Infrared reduction	AF2IR

Accessories

277V Operation remote step-down transformer
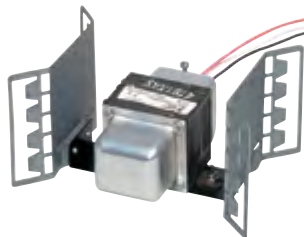
7997: Supplies 120v fixture from a 277v branch circuit (20 amp. minimum). Can be used for multiple fixtures (not to exceed 300W maximum load).

Spread lens & beam elongator

0088SY: Symmetric prismatic spread lens. Compatible with 378X and 478X Elbow series.

Mounting bars

1964*: 20" mounting bar extenders (set of 2). For 2000, 1000 series.

1966*: Standard length (13") mounting bars (set of 4). For 2000, 1000 series (except IC).

1976*: 13" replacement bars (set of 4). For 1100 series and IC frame-in kits.

1977: Lytening mounting bars.

*Not for use with Lytening frame-in kits.

Thick ceiling adapter

300XTC: Allows installation of LytePoints 300 Series trims in ceilings up to 2 3/4" thick.

Compatibiliy

You can still get the cost savings benefits of LEDs by using Philips LED lamps

MR16 conventional to LED sources

				ExpertColor	ExpertColor	ExpertColor	
50W halogen	**6.5W F25 80CRI LED**	**7W S15 80CRI LED**	**7W F25 80CRI LED**	**7W S10 90CRI LED**	**7W F25 90CRI LED**	**7W F35 90CRI LED**	**8.5W F25 80CRI LED**
	454538 (22K-2700K)	461525 (2700K)	461558 (2700K)	470138 (2700K)	470161 (2700K)	470195 (2700K)	457507 (2700K)
	470336 (3000K)	461533 (3000K)	461566 (3000K)	470146 (3000K)	470179 (3000K)	470203 (3000K)	457515 (3000K)
	6.5W F35 80CRI LED	461541 (4000K)	461574 (4000K)	470153 (4000K)	470187 (4000K)	470211 (4000K)	457523 (4000K)
	454546 (22K-2700K)		**7W F35 80CRI LED**	**7W S10 90CRI Retail LED**	**7W F25 90CRI Retail LED**	**7W F35 90CRI Retail LED**	**8.5W F35 80CRI LED**
	470344 (3000K)		461582 (2700K)	470229 (3000K)	470237 (3000K)	470245 (3000K)	457531 (2700K)
			461590 (3000K)				457549 (3000K)
			461608 (4000K)				457556 (4000K)

BR30 conventional to LED sources

Warm glow effect

65W Incandescent	**8W 80CRI LED**	**9W 80CRI LED**
	458067 (5000K)	457044 (22-2700K)
	9.5W 90CRI LED	458109 (2700K)
	465203 (2700K)	

BR40 conventional to LED sources

Warm glow effect

75W Incandescent	**10W 80CRI LED**
	457010 (22-2700K)
	459834 (5000K)

R20 conventional to LED source

45W halogen	**6W 80CRI LED**
	456979 (22-2700K)

A19 conventional to LED source

Warm glow effect

60W halogen/ incandescent	**9W 80CRI LED**	**9.5W 80CRI LED**	**14W 80CRI LED**
	459057 (3000K)	461269 (2700K)	455683 (2700K)
	455881 (5000K)	463018 (5000K)	455717 (5000K)
	464973 (5000K)	455824 (22-2700K)	
	464965 (22,27,5000K)	464957 (22,27,5000K)	

PAR20 conventional to LED source

50W halogen	**7W F25 80CRI LED**	**7W F40 80CRI LED**
	471110 (3000K)	471144 (3000K)
	471128 (4000K)	471151 (4000K)
	471102 (22-2700K)	471136 (22-2700K)

PAR30S short neck conventional to LED source

	ExpertColor	ExpertColor	
50W halogen	**12W S10 90CRI LED**	**12W F25 90CRI LED**	**12W F25 80CRI LED**
	470898 (2700K)	470906 (2700K)	467878 (2700K)
	471060 (3000K)	471094 (3000K)	467886 (3000K)
	471789 (4000K)	470930 (4000K)	467894 (4000K)
		12W F40 90CRI LED	**12W F40 80CRI LED**
		467902 (2700K)	470914 (2700K)
		467910 (3000K)	471086 (3000K)
		467928 (4000K)	470948 (4000K)

PAR30L long neck conventional to LED source

	ExpertColor	
75W halogen	**12W F25 90CRI LED**	**12W F40 80CRI LED**
	470954 (2700K)	467845 (2700K)
	471045 (3000K)	467852 (3000K)
	470970 (4000K)	467860 (4000K)
	12W F40 90CRI LED	**12W F25 80CRI LED**
	470962 (2700K)	467811 (2700K)
	471052 (3000K)	467829 (3000K)
	470988 (4000K)	467837 (4000K)

Resources

## Supporting your shelf stocking requirements

The goal of our service program is to ensure that we fully support your shelf stocking requirements and provide you with reliable lead times to address the demanding time-lines of construction and retrofit lighting projects. This program allows you to select the product and corresponding lead time to meet the needs of your customer's specific project. Stocked products will be shipped within 48hrs from our warehouses.*

For the most up-to-date guide with stock and quick ship products please contact your local Philips Sales Manager.

Distributor Stock products: are a subset of the Service Smart items that should be maintained on distributor shelves at all times to manage everyday contractor demand.

Quick Ship 10 products: will be assembled to order and ship within 2 weeks from our factories*.

Digital tools at your fingertips
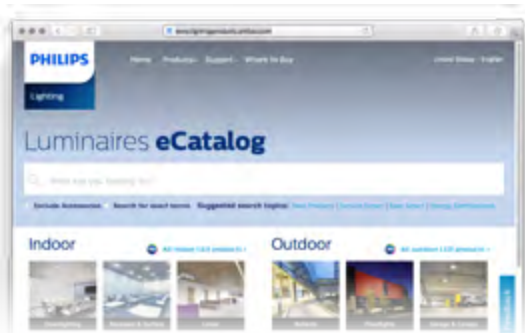
The Philips Luminaire eCatalog is avalable at philips.com/luminaires and provides you and your customers with fast ways to identify the right product for their specific project.

1. **Search:** product family, product code, or product type.
2. **Find:** Up-to-date product information so you can always find current specs and product specific literature.
3. **Use:** Drop down menus to help you further refine your search to find the exact product to fit you needs.

ProLuminaire Mobile App

ProLuminaire

Providing mobile access to professional lighting solutions wherever you are on your iOS or Android device. An inspiring, convenient and fast way to view our entire luminaire and controls catalog of products. The ProLuminaire Mobile App provides users with…

· Mobile access to the entire professional lighting solutions for iOS and Android platforms (phones and tablets).

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· Quick downloads and information sharing, including product literature such as spec sheets and installation documents.

Find out more at **philips.com/ProLuminaireApp** for more information.

Sustainability

A responsibility to excel

Philips Lightolier has an unmatched commitment to the downlighting industry with 65 years of continuous innovations and market leadership. It remains the trusted leader in LED downlighting with a reputation of technology leadership, reliability, and practical lighting solutions that beautifully illuminate your most important projects.

ENERGY STAR®

In 2006, Philips Lightolier introduced a full line of ENERGY STAR® certified CFL downlights. These products met the strict requirements of both ENERGY STAR® and California's Title 24 legislation. Available in both residential and commercial versions with over 40 trim options. Products continue to be designed to provide the best possible energy efficiency for every application. Since then we have expanded our ENERGY STAR® certified portfolio to include nearly all CFL and LED luminaires.

Title 24

The California Energy Code, part 6 of the California Building Standards Code which is Title 24 of the California Code of Regulations, was created by the California Building Standards Commission in 1978 in response to a legislative mandate to reduce energy consumption in the state. The standards are updated periodically by the California Energy Commission to allow consideration and possible incorporation of new energy efficiency technologies and methods.

Warranties

A standard 5-year limited warranty is included on all LED products and a standard 3-year limited warranty is included on all CFL & INC products. Philips Lightolier offers a wide range of high performance downlights with thousands of configurable solutions for use in multiple applications. All products are designed to be easily installed with a host of features that allow for fast and consistent installations and servicing. Visit www.philips.com/warranties for details and restrictions.

Underwriters Laboratories

The UL (Underwriters Laboratories) and CSA (Canadian Standards Association) are two separate independent safety science testing and certification agencies. If a product is cULus Listed, UL tested the product to meet all the requirements under the Canadian and US standards. Anything that has cULus mark is listed for use in both the Untied States and Canada. Visit www.ul.com for more information.

Nearly entire LED and CFL portfolio contains ENERY STAR® certified luminaires.

Multiple LED and CFL products within portfolio offer California Title 24 compliant options.

A standard 5-year limited warranty is provided for all Philips Lightolier LED luminaires.

All LED, CFL and INC luminaires are cULus listed (many approved in damp or wet locations).

Solutions

Energy efficiency

Philips Lightolier is committed to developing products that help meet the evolving energy conservation concerns by providing unsurpassed quality, exceptional performance and the latest technology in energy efficiency.

Distributor focus

With over 100 years of experience you can rest assured when trusting Philips Lightolier with all your lighting needs. The choice of off-the-shelf solutions or configure-to-order options allow for the flexibility to conform to any project's requirements — no matter the scale.

Contractor focus

With a wide range of product families, lighting source types and installation options means that seamlessly blending Philips Lightolier downlights into any commercial or residential area is a breeze. Mounting frames and reflector trims work seamlessly together for efficient and reliable results, while common aperture sizes provide the freedom of choice when unexpected project changes occur.

LED luminaires index

Support is always available

For technical support

1 (800) 573-1659
LOL.webmaster@philips.com
www.philips.com/luminaires

For customer support

1 (800) 555-0050
www.usa.lighting.philips.com/
support/connect/contact-us

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