

**PHILIPS**  
**LIGHTOLIER**

Downlighting

Calculite LED gen 3

Round and square aperture  
finish and flange options



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# High quality trims and flanges that **make a difference**

**Calculite LED** is the ideal specification-grade architectural recessed downlighting family.

Optical performance is a key part to the Calculite story. In today's demanding visual environments, downlights must not only be functional but aesthetically pleasing. A smoother ceiling transition is desired and Calculite offers high quality trims and flange options for the most discerning of tastes and desired lighting outcomes.

## Benefits

- Illumination levels on the cone can be varied by choice of reflector finish.
- Multiple metal styles and two color finish options.
- Polished flange, White flange and Flangeless options.

## Reflector



### CL Specular clear

Most specular and therefore most efficient finish, delivers maximum photometric performance but can produce a mirror image effect of the interior space.



### CC Comfort clear

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



### CD Comfort clear diffuse

Slightly diffuse clear finish, which eliminates iridescence and reduces the mirror image effect inherent with specular finishes.



### CZ 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).



### WH White (matte)

Brightest aperture when illuminated and provides the smoothest transition to most ceilings when off (white is only available with a white flange).



### BK Black (matte)

Specular finish that provides the lowest aperture brightness possible and significantly reduces source identification in a ceiling.

**Note:** Not all finishes are available for all trims. Refer to specification sheet for availability. When handling reflectors, use clean white or plastic film gloves to avoid fingerprints. Specular surfaces can be cleaned by the following methods: Wipe off with soft clean, dry lint-free cloth; or wipe off with a soft cloth dampened in mild detergent solution, rinse, then wipe dry with lint-free cloth or paper towel; or wipe off with clean cloth dampened with a solution of wetting agent and water (such as 2 oz. per gallon "Pluronic L62-LF" by Wynandotte Products or liquid such as Glass Wax®) then wipe dry with a lint-free cloth or paper towel. Avoid gritty cleaning agents.

## Flange



### White (matte)

Provides the smoothest transition to ceilings when off.



### P Polished (matches aperture)

Produces a continuous look throughout the reflector (aperture matching).



### F Flangeless (flush-mount)

Creates a flush, virtually seamless transition from aperture to ceiling.



### FT Flangeless Mud-in Ring

Low profile, machined aluminum mud-in ring provides a raised rib to plaster up to and a 3/16" flange thickness. The ring is attached to the ceiling material as opposed to the frame-in kit to avoid conduction of heat and vibration which can cause yellowing or cracking of the plaster.

After installing the frame, a mud-in ring is inserted into the ceiling opening, the flange is plastered over, feathered, sanded and finished. The end result is a clean inconspicuous appearance with a flush, virtually seamless transition from aperture to ceiling.



### VP Vandal Proof

Available for 4" and 6" round apertures. Provides an elegant solution for vandal resistant needs. One piece machined aluminum ring with impact resistant clear lens. Flangeless (F) flange and Flangeless mud-in ring (FT) accessory must be ordered. Provides the luminaire with an IP65 rating.

