LED

Light engine

Frame-in kit

Reflector trim

Experience the change, see the difference

Lightolier Calculite LED generation 3 continues the legacy of forward innovation with our new reduced brightness optics. While your requirements may change, our frame doesn't have to change.

Benefits

Our three-part luminaire enables easy upgrade of technology, beam angles and color temperatures to create the impact desired in any space over the life of the building. While the requirements may change, our frame doesn't have to. This design also enables convenient servicing and upgrading of technology, beam angles and color temperatures to create the impact desired in the space over the life of the installation.

- Maximize visual appeal with three beam spread options to offer the right distribution and light output.
- 50° direct (physical) and 45° reflected (optical) cut offs ensure proper positioning of optics and light source.
- Installation efficiency accomplished by a tool-free installation using quick connect technology.
- Adjustable springs accommodate ceiling thicknesses up to 2" (4" aperture) and 2.75" (6" & 7" apertures).
- Standard dimming to 1% for 0-10V. ELV, Lutron, Dali, POE & TW.
- Uniform light and color consistency at an SDCM of 2.
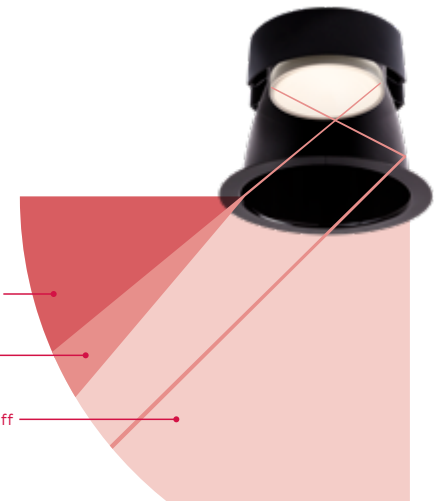- Lowest plenum height in tool-free 50° cutoff downlight.

IC INSULATION CONTACT | c UL us LISTED | WET LOCATION | RoHS COMPLIANT | energy ENERGY STAR

Gen 3 Calculite LED
downlighting product offering

Features

Apertures: 4", 6" & 7" Rounds, 4" & 6" Squares, 4" & 6" Cylinders.
Flanges: Polished, White, Black & Flangeless available in all sizes.
Frames: Future proof, no electronics (most versatile frame available).
Light Engines: Modular design (easy to upgrade and replace components).
Reflectors: Available in six different finish options in all sizes.
Beam Spreads: Narrow, Medium and Wide available in all lumen ranges.
Lifetimes/Efficacies: Up to L90 at 60,000 hrs. with efficacies up to 115 lm/W.

Note: Refer to specification sheets for downlight beam spread angles, wet locations and ENERGY STAR® configurations.
The 7in downlight offers up to five beam spread options (please refer to 7in downlight specification sheet for details).

Quiet Zone
No Visible elements:
Lens, Clips, Rivets,
Rings or other hardware

Transition Zone
50° Direct View Cut Off

Bright Zone
45° Reflected View Cut Off

Downlights

Lumens	1¾" 12° 17° 25° 38° 47°	3" N M W	4" N M W	6" N M W	7" N M W	1x1" 12° 17° 25° 38° 47°	4x4" N M W	6x6" N M W
400	● ● ● ● ●					■ ■ ■ ■ ■		
500			● ● ●				■ ■ ■	
1000		● ● ●	● ● ●	● ● ●	● ● ●		■ ■ ■	■ ■ ■
1500			● ● ●	● ● ●	● ● ●		■ ■ ■	■ ■ ■
2000			● ● ●	● ● ●	● ● ●		■ ■ ■	■ ■ ■
2500			● ● ●	● ● ●	● ● ●		■ ■ ■	■ ■ ■
3000			● ●				■ ■ ■	■ ■ ■
3500				● ● ●	● ● ●			■ ■ ■
4800				● ● ●	● ● ●			■ ■ ■
6000				● ● ●	● ● ●			■ ■ ■

Adjustable Accents

Lumens	3" 12° 16° 19° 26° 40°	4" 11° 17° 22° 29°
400		
500		
1000	● ● ● ● ●	
1500		● ● ● ●
2000		
2500		
3000		
3500		
4800		
6000		

Wall Washers

Lumens	1¾" LW	3" LW	4" LW WW DW CW	6" LW WW DW CW	7" LW WW DW CW	4x4" LW	6x6" LW
400	●						
500			● ● ● ●				
1000		●	● ● ● ●	● ● ● ●	● ● ● ●	■	
1500			● ● ● ●	● ● ● ●	● ● ● ●	■	■
2000			● ● ● ●	● ● ● ●	● ● ● ●	■	■
2500			● ● ● ●	● ● ● ●	● ● ● ●	■	■
3000			● ● ●			■	
3500				● ● ● ●	● ● ● ●		■
4800				● ● ● ●	● ● ● ●		■
6000				● ● ● ●	● ● ● ●		■

Cylinders

Lumens	4" N M W	6" N M W	4" WW	6" WW
400				
500	● ● ●		●	
1000	● ● ●	● ● ●	●	●
1500	● ● ●	● ● ●		●
2000	● ● ●	● ● ●		●
2500	● ● ●	● ● ●		●
3000	● ●			●
3500		● ● ●		●
4800		● ● ●		●
6000		● ● ●		●

N = Narrow beam   **M** = Medium beam   **W** = Wide beam   **LW** = Lensed Wall Wash   **WW** = Wall Wash   **DW** = Double Wall Wash   **CW** = Corner Wall Wash

Visit Signify.com/warranties for more information on Signify's standard 5-year limited warranty.

See Calculite LED specification sheets for additional drawings and technical information.

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

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