

Illuminating Innovations

Our innovative, high-performance silicon-based materials help you create next-generation lighting

Proven reliability and efficiency across all lighting applications

» Seal » Protect » Adhere » Cool » Control light

GLOBAL SOLUTIONS FOR THE ENTIRE VALUE CHAIN
dowcorning.com/lighting



DOW CORNING

KRAYDEN, INC.

AUTHORIZED DISTRIBUTOR
HTTP://KRAYDEN.COM 1-800-448-0406

Dow Corning Silicone Products for LED Lamps

Secondary optics (diffuser)

Dow Corning® EP-2720 Emulsion Powder
Dow Corning® MS-1002 Moldable Silicone
Dow Corning® MS-1003 Moldable Silicone
Sylgard® 184 Silicone Elastomer

LED chip encapsulants

Dow Corning® OE-6370 HF Optical Encapsulant
Dow Corning® OE-6370 M Optical Encapsulant
Dow Corning® OE-6551 Optical Encapsulant
Dow Corning® OE-6630 Optical Encapsulant
Dow Corning® OE-6631 Optical Encapsulant
Dow Corning® OE-6636 Optical Encapsulant
Dow Corning® OE-6650 Optical Encapsulant

Adhesives for environmental seals

Dow Corning® 7091 Adhesive Sealant

Adhesives for environmental seals

Dow Corning® 7091 Adhesive Sealant

Thermal pottants for heat control

Dow Corning® CN-8760 Encapsulant
Sylgard® 160 Silicone Elastomer

Optics (remote phosphor)

Dow Corning® MS-1002 Moldable Silicone
Dow Corning® MS-1003 Moldable Silicone

Reflector materials

Dow Corning® SE 1700 Clear & White Adhesive

PCB

Dow Corning® 1-2577 Conformal Coating
Dow Corning® 3-1953 Conformal Coating

Thermal interface materials

Dow Corning® 340 Heat Sink Compound
Dow Corning® TP-1562 Thermal Pad
Dow Corning® TC-4025 Printable Pad

Internal driver

Dow Corning® 1-2577 Conformal Coating
Dow Corning® 3-1953 Conformal Coating

Thermally conductive encapsulants for power components

Dow Corning® TC-6010 Thermally Conductive Encapsulant
Sylgard® 160 Silicone Elastomer

Silicone benefits across the entire lighting value chain

- Thermal stability
- Transparency
- Photo stability
- Enhanced light output efficiency
- Easy processability
- Lower cost of ownership
- Enhanced protection
- Enhanced reliability and lifetime

dowcorning.com/lighting

DOW CORNING

KRAYDEN, INC.

AUTHORIZED DISTRIBUTOR
HTTP://KRAYDEN.COM 1-800-448-0406

Dow Corning Silicone Products for LED Streetlights

Sealants for dust and moisture protection

Wet assembly:

Dow Corning® 736
Heat Resistant Sealant
Dow Corning® Q3-1566
Heat Resistant Sealant

Dry assembly:

Dow Corning® 3-8186
Thixotropic Foam

Thermal interface materials

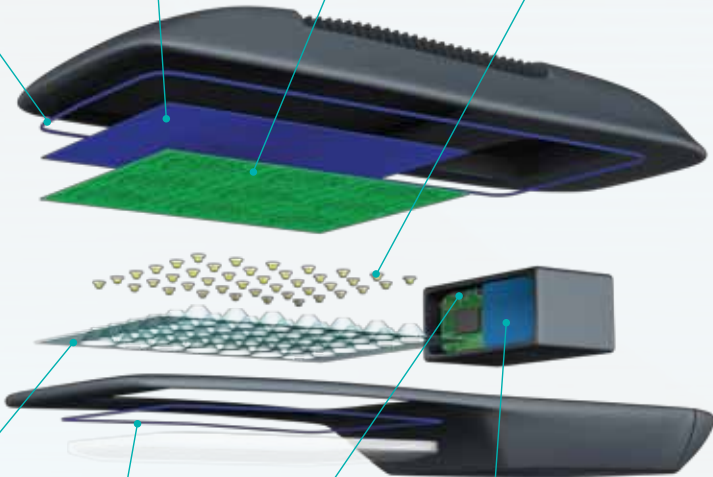
Dow Corning® 340
Heat Sink Compound
Dow Corning® TP-1562
Thermal Pad
Dow Corning® TC-4025
Printable Pad

PCB

Dow Corning® 1-2577
Conformal Coating
Dow Corning® 3-1953
Conformal Coating

LED chip encapsulants

Dow Corning® OE-6370 HF Optical Encapsulant
Dow Corning® OE-6370 M Optical Encapsulant
Dow Corning® OE-6551 Optical Encapsulant
Dow Corning® OE-6630 Optical Encapsulant
Dow Corning® OE-6631 Optical Encapsulant
Dow Corning® OE-6636 Optical Encapsulant
Dow Corning® OE-6650 Optical Encapsulant



Secondary optics (lenses)

Dow Corning® MS-1002
Moldable Silicone
Dow Corning® MS-1003
Moldable Silicone

Adhesives for environmental seals

Dow Corning® 7091
Adhesive Sealant

Internal driver

Dow Corning® 1-2577
Conformal Coating
Dow Corning® 3-1953
Conformal Coating

Thermally conductive encapsulants for power components

Dow Corning® TC-6010 Thermally Conductive Encapsulant
Sylgard® 160 Silicone Elastomer

Thermal pottants for heat control

Dow Corning® CN-8760 Encapsulant
Sylgard® 160 Silicone Elastomer

Silicone benefits across the entire lighting value chain

- Thermal stability
- Transparency
- Photo stability
- Enhanced light output efficiency
- Easy processability
- Lower cost of ownership
- Enhanced protection
- Enhanced reliability and lifetime

dowcorning.com/lighting