Low profile lenses CMC 313 plain diffused, CMC 321, CML 325 & SMC 170 with fresnel rings. CMC 323 & CML 327 plain end lens.

Mounts through front of panel, retaining ring secures the lens in place.

5mm CMC & CML series mount in a .281” (7.2mm) hole on 3/8” centers. Panel thickness 1/32” to 1/4”.

3mm (SMC 170) mounts in a .171” (4.4mm) hole on 1/4” centers. Panel thickness 1/32” to 3/32”.

5mm CMC & CML series mount in a .281” (7.2mm) hole on 3/8” centers. Panel thickness 1/32” to 1/4”.

VERSATILITY

CLIPLITE® lenses, installed in a display panel, are used with PCB mounted LEDs. Lenses remain attached to the display or panel door while the LEDs are fixed to the PCB. The lenses are ideal when used together with the CONXRITE® connector assembly.

BRIGHTNESS

CLIPLITE® lenses utilize fresnel rings to increase apparent brightness and viewing angle up to 180 degrees with either diffused or non-diffused LEDs.

PROTECTION

CLIPLITE® lenses help prevent IC failures caused by electrostatic discharge (ESD). Introduction of ESD through an exposed panel mounted LED is capable of damaging or destroying a semiconductor. A CLIPLITE® mounted LED helps guard components from ESD up to 16kV while affording the LED physical protection.

INSTALLATION

CLIPLITE® is inserted through panel opening, retaining ring pressed into place. PCB mounted LEDs slide into lenses when the panel cover is closed or the PCB card is inserted into the case.

ORDERING CODES

MODEL

SMC 170 (3mm) Fresnel L/Profile Lens
CMC 313 (5mm) Plain Diffused Lens
CMC 321 (5mm) Fresnel L/Profile Lens
* CMC 323 (5mm) Plain End Lens
* CML 325 (5mm) Fresnel L/Profile Lens
* CML 327 (5mm) Plain End Lens
RNG 132 (3mm) Retaining Ring
RNG 268 (5mm) Retaining Ring

* Denotes Clear only

COLOR

RTP Red Transparent
ATP Amber Transparent
GTP Green Transparent
YTP Yellow Transparent
BTP Blue Transparent
CTP Clear Transparent

LENS STYLES

Plain End  Plain Diffused  Fresnel Rings

OUTLINE DRAWING

CMC 313/CMC 321
CMC 323 (5mm)

CML 325/CML 327
(5mm)

RNG 268 (5mm)

SMC 170 (3mm)

RNG 132 (3mm)