# Exterior 200 Optional Lens Installation

This describes the procedure for replacing the lens in and Exterior 2000. This requires a 4 mm Allen wrench and a no. 2 Pozidriv screwdriver.

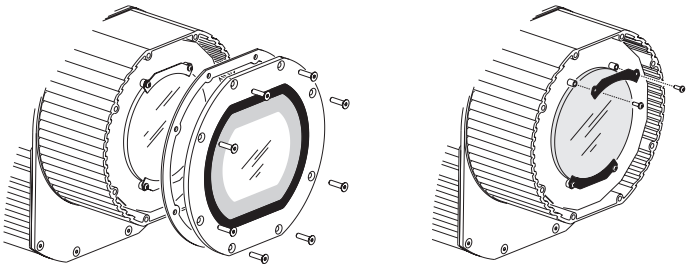
## LENS OPTIONS

**36° Fresnel lens.** The optional Fresnel lens provides a symmetric 36° field. It installs with the ridges out, away from the lamp.

**90° x 70° beam shaper lens.** The optional beam shaper provides an asymmetric 90° by 70° field. It installs with the ridges facing in, towards the lamp and may be turned as desired; the ridges are parallel with the short axis of the field.

This lens is lighter and more fragile than the others: *be extra careful when installing the beam shaper lens and tighten the rubber washers just enough to exert light pressure.*

## To change the lens



1 Remove the front cover and gasket. Loosen the screws in the bottom lens bracket to release the pressure in the rubber washers. Remove the top lens bracket. Remove the existing lens.

2 Place the new lens flat against the metal plate with the rougher side in or out as described above. Replace the top lens bracket. Tighten the 4 lens bracket screws several turns to squeeze the washers out against the lens.

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3 To replace the front cover:

a Drive all screws to the bottom without tightening (finger tight).

b Starting with one screw and working around in a circle, tighten all screws partially, with low torque.

c Tighten to a maximum torque of 1.8 Nm. (1.3 Ft-Lbs), still working around in a circle. Note that if you tighten the screws to more than the maximum torque the front glass might break.