

M I S C E L L A N E O U S D E T A I L S

LIGHTING OPTIONS ◀

Light fixtures can add a dramatic affect to the nighttime aesthetics of the KEYSTONE Retaining Wall System. Light can be used to wash the wall surface with distinctive shadows and highlights on the sculptured rockface texture.

By placing light fixtures in the wall as shown in these details, pathway and stairway lighting can be achieved for illumination and safety/security at pedestrian walkways.

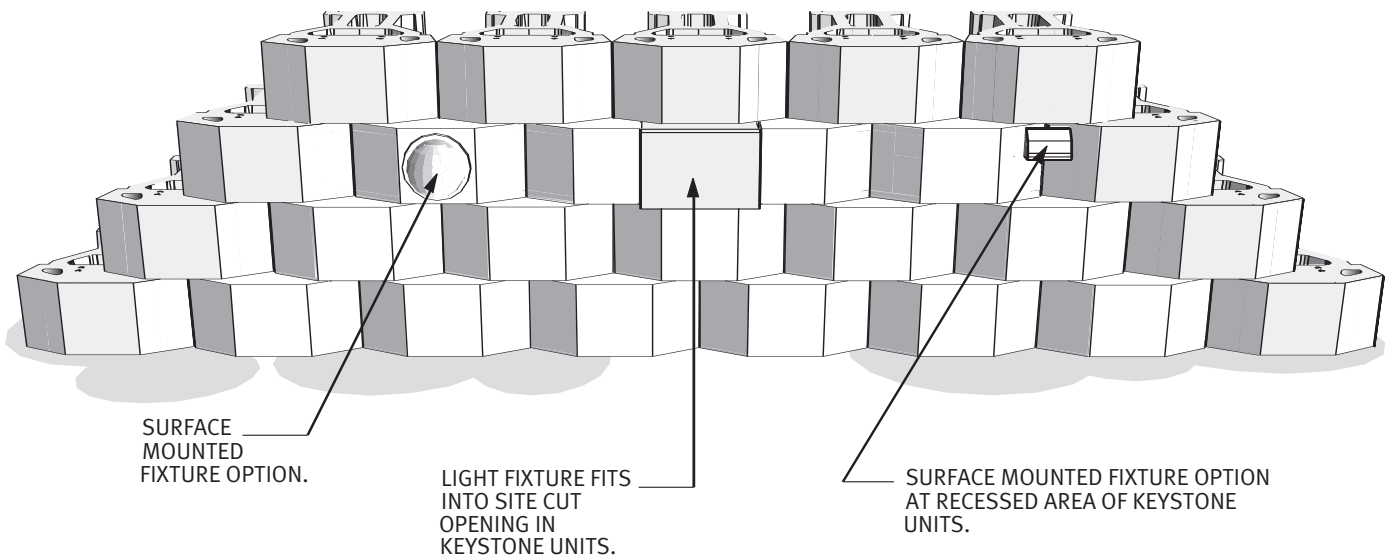
OPTIONS:

- ▶ Light fixtures can be conveniently placed into the Keystone® wall by cutting the Keystone® concrete units with a mason saw. It is best to size the fixture to fit within the unit vertical height space of 8" (200mm). Width may vary up to a maximum 12" (305mm) wide. Electrical connection should be supplied from behind the wall using industry standard exterior use circuit and wiring. Locate supply wiring for potential maintenance and service needs (See details on following page).
- ▶ Wall fixtures can be surface mounted onto the face of the Keystone® wall if desired. A convenient method is to provide a smooth surface using a mechanical grinder if the Keystone® Unit does not have a manufactured smooth surface. Drill hole for wiring from face of unit into unit cavity (See Surface Mounted Fixture Detail).
- ▶ Washing the Keystone® wall in light can be accomplished by using ground mounted landscape light fixtures shining towards the wall.

LENS OPTIONS:

- ▶ DOWN LOUVER: Hides light source and directs light where desired along the pathway, wall or stairway.
- ▶ TINTED: Adds color accent or minimizes source light.
- ▶ TRANSLUCENT OR CLEAR (no louver): Light source glare potential when light shines from wall toward object.

NOTE: For convenience of maintenance or service, run wiring below grade at minimum depth (follow electrical industry standards) directly behind the KEYSTONE units to location above light fixture for vertical drop and connection.



M I S C E L L A N E O U S D E T A I L S

► LIGHTING OPTIONS

► FIXTURE IN CUT POCKET

ELECTRICAL CONDUIT OR UNDERGROUND FLEXIBLE CABLE AS PER ELECTRICAL STANDARDS FOR EXTERIOR USE.

LIGHT FIXTURE TO MEET REQUIREMENTS FOR EXTERIOR USE. CUT KEYSTONE UNITS WITH MASON SAW TO FIT FIXTURE. IDEAL DIMENSIONS- 8" (200mm) MAX. HEIGHT, 12" (305mm) MAX. WIDTH.

LIGHT FIXTURE FITS INTO SITE CUT OPENING

8" (200mm) MAX. HEIGHT

12" (305mm) MAX. WIDTH

ELECTRICAL CONDUIT OR FLEXIBLE CABLE (EXTERIOR USE).

► SURFACE MOUNTED FIXTURE

LIGHT FIXTURE MOUNTED INTO RECESSED AREA OF KEYSTONE UNITS.

SEALANT AT JOINT AS REQUIRED FOR WEATHER PROTECTION.

LOW VOLTAGE FIXTURE OPTION.

LIGHT SHINES DOWN ON FACE OF WALL.

► SURFACE MOUNTED FIXTURE

DRILL THROUGH UNIT FROM FACE TO CAVITY THEN RISE VERTICALLY TO MAIN HORIZONTAL RUN.

PROVIDE SMOOTH SURFACE FOR MOUNTING WITH MASONRY ANCHOR SCREWS OR ADHESIVE.

PROVIDE SMOOTH SURFACE FOR MOUNTING.

SURFACE MOUNTED FIXTURE.