

# QUADLITE

## □ Introduction

QUADLITE illuminated ceiling systems recreate the visual splendor associated with sky-lit spaces. QUADLITE's square and rectangular designs can be used on any level of an interior space. Any length, in 2' increments, can be implemented into the Interior Scheme without special engineering.

## □ Technical

**QUADLITE SECTION:**  
 Rails-1 1/2"x3" extrusions  
 Tees- 1 1/2"x1" extrusions

**QUADLITE MODULE:**  
 See Perimalite Data next page

**FINISHES:**  
 Standard is black (F42)  
 Custom colors are (F47) all finishes are polyurethane epoxy.

**PLENUM:**  
 See Perimalite Data next page.

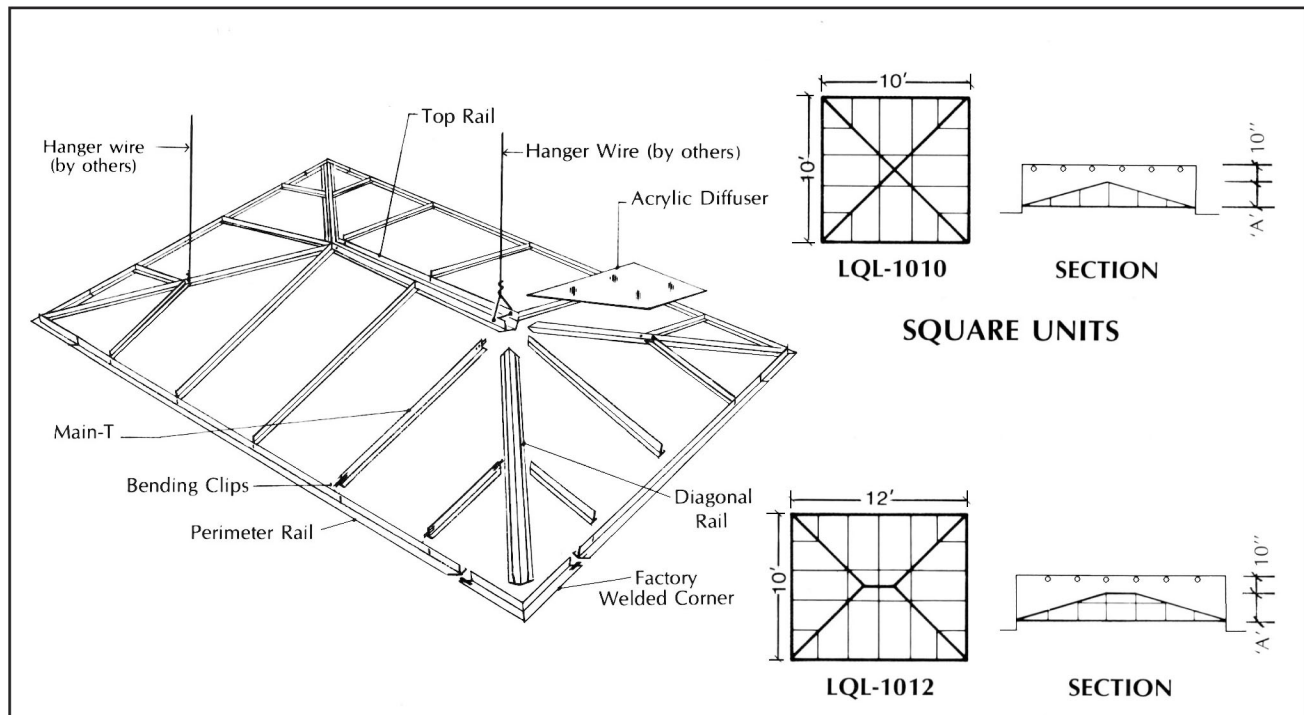
**FIRE CODE:**  
 Metal- non-combustible  
 Lense-flame spread: 25 or less  
 -smoke contributed: 50 or less

**MATERIAL:**  
 Metal- 0.060" extruded aluminum  
 Lense- 100% virgin acrylic

## □ Photo



## □ Installation



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## □ Quadlite Data

Model Number	Opening Width	Opening Length	'A' Rise	Minimum Plenum	Weight per S.F.
LQL0606-F??	6'-0"	6'-0"	11"	21"	1.4
LQL0606-F??	6'-0"	8'-0"	11"	21"	1.4
LQL0808-F??	8'-0"	8'-0"	14-7/16"	24-7/16"	1.23
LQL0810-F??	8'-0"	10'-0"	14-7/16"	24-7/16"	1.23
LQL1010-F??	10'-0"	10'-0"	17-7/8"	27-7/8"	1.03
LQL1012-F??	10'-0"	12'-0"	17-7/8"	27-7/8"	1.03
LQL1212-F??	12'-0"	12'-0"	21-3/8"	31-3/8"	0.94
LQL1214-F??	12'-0"	14'-0"	21-3/8"	31-3/8"	0.94

Length and/or width can increase by 2' increments  
 Note: Unit size is 1/2" less than drywall opening.

## □ Specification

**PART 1- GENERAL** (See typical "General" section of "Typical Specification")

**PART 2- PRODUCTS**

**2.01 Manufacturer**

A. Illuminated ceiling system shall be "Quadlite" model number LQL????-F42 (insert width as first two ?'s and length at third and fourth ?'s), See Quadlite Data for required size), (if finish is other than black, insert appropriate number from Section 2.02 H. below), as manufactured by American Decorative Ceilings, Inc.; 4510 E. 71st St. Cleveland, Ohio 44105; Telephone number 9216)341-2222.

**2.02 Materials**

- A. Perimeter rails manufactured from extruded aluminum, having a vertical dimension of 1-1/2", and an exposed face of 3".
- B. Diagonal rails of extruded aluminum, to have vertical dimension of 1-1/2", and an exposed face of 3".
- C. Top rails, if required, to be extruded aluminum, with the same vertical and face dimensions as the Diagonal rails above.
- D. Main T's and Cross T's to be manufactured from extruded aluminum, having a vertical dimension of 1-1/2" and a face dimension of 1".
- E. Acrylic diffuser to be manufactured from 100% virgin acrylic, with a maximum temper set of 25, and a roll stress relief of 5. Minimum thickness to be 0.080", color to be milk white, and size to be factory pre-cut.
- F. Perimeter wall mold to be 1-1/2"x1-1/2" by specified lengths per Manufacturer's Installation Drawings.
- G. Assembly brackets to be provided by the manufacturer for all joint connections. Brackets to be galvanized or plated steel of proper design for manufacturer's intended use.
- H. Finish to be (black (F42)), (white(F41)), (medium bronze (F44)), or (custom color (F47)), (strike out all non-applicable finishes).

**2.03 Fabrication**

- A. Fabrication of glazed acrylic diffusers and aluminum suspension system to be factory cut, mitred, and notched. All intersections are to be factory mitred for easy abutting joints. ONLY MINOR FIELD FABRICATION WILL BE ACCEPTED.
- B. Fasteners through-out shall be electroplated galvanized steel of proper design and strength to accomplish fastening purpose.

**PART 3-EXECUTION** (See typical "Execution" Section of "Typical Specification")

