



Residential Lumen Calculation Sheet

Project: _____ Date: _____

Site Address:

Project Coordinator: _____ Phone: _____

Cottonwood Zoning Ordinance (Sec. 408), "Outdoor Lighting Code"

The information below is accurate (to be signed by Project Coordinator):

PLEASE ATTACH THE FOLLOWING:

- Data sheets or manufacturer's product description for all shielded "S" fixture combinations verifying upward light control characteristics. All other fixtures will be considered unshielded "U" class luminaries. Mercury vapor lamps are prohibited.
- Site plan indicating placement of each fixture, correlates with the fixture reference # in the first column below.

SITE ACREAGE = _____

LESS ACRES FOR

RIGHTS-OF-WAY-

NET ACRES=

**SITE MAXIMUM
FOR UNSHEILDED
LUMEN**

X 3.300

SITE MAXIMUM FOR ALL LUMEN

X 10.000

Please list information below for each fixture and bulb to be used for outdoor illumination (existing and proposed).

Use the following Abbreviations:

Bulb Type:	Shielding Type:
LPS Low Press Sodium	S Shielded
HPS High Press Sodium	U Unshielded
MH Metal Halide	
HL Halogen	
IN Incandescent	
FL Fluorescent	
LED Light-Emitting Diode	See "Definitions" under Section 408 for clarification regarding shielding.

[illegible]

***Gas Station Canopies:** All fixtures to be flush mounted. Lumen SUBTOTALS not to exceed 40lumen/sq.ft. Lumen TOTALS to be divided by 2 (count only 50%)

GRAND TOTALS

Ball fields and outdoor display areas which exceed 100,000 lumen per acre: I hereby certify that lighting associated with related facilities described above is no greater than minimum luminance levels for the activity recommended by the IESNA.

Signature of Lighting Engineer

Arizona Registrant's No. _____