



Commercial 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 = | <hr/> |
| LESS ACRES FOR | <hr/> |
| RIGHTS-OF-WAY | <hr/> |
| NET ACRES= | <hr/> |
| SITE MAXIMUM FOR UNSHEIELDED LUMEN | <hr/> X 5,500 <hr/> |
| SITE MAXIMUM FOR ALL LUMEN | <hr/> X 100,000 <hr/> |

Please list the 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 | See "Definitions" under Section 408 for clarification |
| LED Light-Emitting Diode | regarding shielding. |

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

GRAND TOTALS

NOT TO EXCEED SITE MAXIMUMS ABOVE.

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.