

Legend Box:

FACTORS:

| | |
|-------------------------------|-----|
| 2" Standard Axiom..... | 2.3 |
| 4" Standard Axiom..... | 5.7 |
| 6" - 12" Standard Axiom..... | * |
| Knife Edge..... | 2.7 |
| Knife Edge for Vector..... | 2.1 |
| 2" Axiom for Vector..... | 2.2 |
| 4" Axiom for Vector..... | 4.5 |
| 6" & 8" Axiom for Vector..... | * |

PROFILED AXIOM FACTORS (Acoustical)

| | |
|--------------|-----|
| Concave..... | 4.1 |
| Convex..... | 4.1 |
| Crown..... | 4.6 |
| Cove..... | 4.8 |

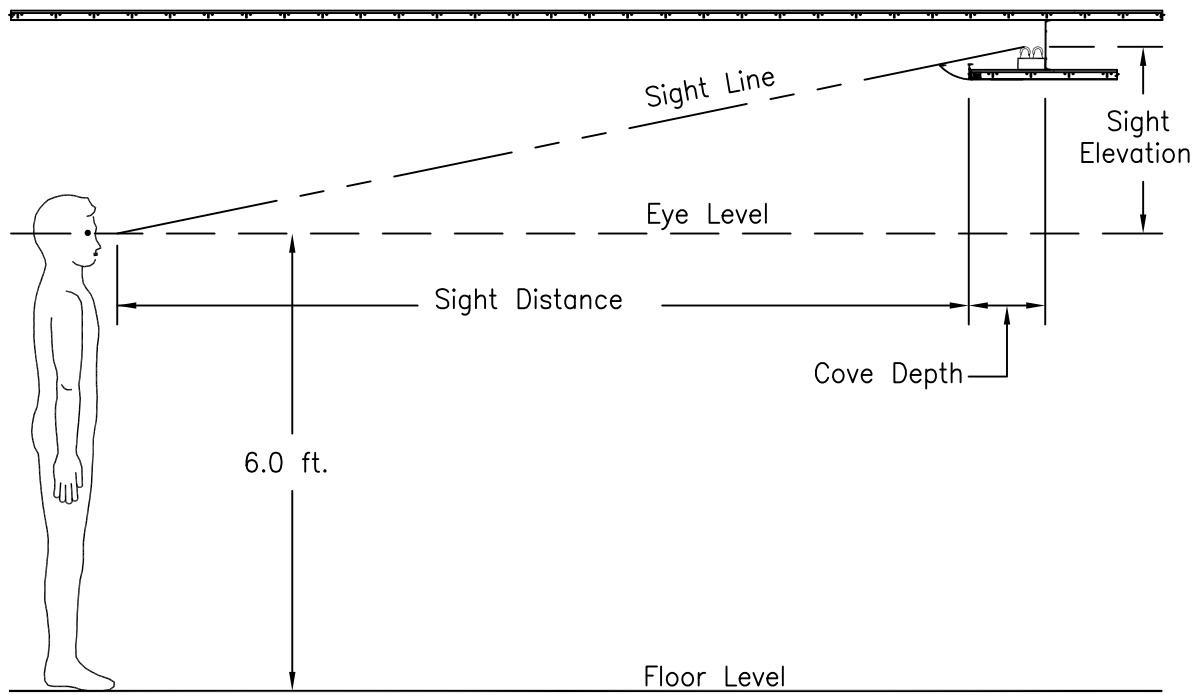
PROFILED AXIOM FACTORS (w/Drywall)

| | |
|--------------|-----|
| Concave..... | 3.1 |
| Convex..... | 3.1 |
| Crown..... | 3.3 |
| Cove..... | 3.5 |

* = Sufficient to hide most light fixtures completely.

CALCULATIONS

| | ACTUAL | EXAMPLE |
|---|------------------------------------|-----------|
| 1. Enter the finished ceiling height at light cove, (in feet) | — | 9.2' |
| 2. Add 0.5 ft. (Aprox. distance from #1 to top of bulbs) | — | "+" 0.5' |
| 3. Subtract 6.0 ft. (98th percentile U.S. male eye level) | 6.0' | "-" 6.0' |
| 4. This is your SIGHT ELEVATION | — | Total 3.7 |
| 5. Enter the COVE DEPTH (in feet) (see drawing) | — | 1.0' |
| 6. Enter the PROFILE FACTOR (see factor table) | — | 2.7 |
| [(SIGHT ELEV. (ft.)) x (COVE DEPTH (ft.)) x (PROFILE FACT.)] | | |
| | [(3.7) x (1.0) x (2.7)] = 10.0 ft. | |
| 7. This is your SIGHT DISTANCE (+-5%) | — | 10.0' |
| (Beyond this distance the top of the bulbs may be visible) | | |



These drawings show typical conditions in which the Armstrong product depicted is installed. They are not a substitute for an architect's or engineer's plan and do not reflect the unique requirements of local building codes, laws, statutes, ordinances, rules and regulations (Legal Requirements) that may be applicable for a particular installation.

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| | | | |
|--|--------|--------|-------|
| PROJECT NAME: AXIOM SIGHT DISTANCE CALCULATION CHART | | | |
| DWG. NO. CHART | PATH: | REV.: | DATE: |
| DATE: 7/14/09 | SCALE: | DESC.: | |
| DRAWN BY: MSS | | | |

