



valid paths

| path | length |
|---|--------|
| $S \rightarrow R$ | 11 |
| $S \rightarrow A \rightarrow R$ | 25 |
| $S \rightarrow C \rightarrow R$ | 19 |
| $S \rightarrow D \rightarrow R$ | 16 |
| $S \rightarrow E \rightarrow R$ | 17 |
| $S \rightarrow D \rightarrow C \rightarrow R$ | 22 |
| $S \rightarrow D \rightarrow E \rightarrow R$ | 21 |
| $S \rightarrow E \rightarrow A \rightarrow R$ | 28 |

Note: Per-path magnitude is proportional to the product of all surface reflectances on the path, multiplied by the reciprocal of the path length.

