

**NAME**

lampcolor - compute spectral radiance for diffuse emitter

**SYNOPSIS**

**lampcolor** [ lamptable ]

**DESCRIPTION**

*Lampcolor* is an interactive program for computing the appropriate color for a diffuse emitter. From the total lumen output and a simple description of the fixture geometry, the radiance for a diffuse fixture is calculated. Since most light fixtures are not really diffuse, the preferred method is to use luminaire distribution data (see *ies2rad(1)*).

A table of lamp colors and depreciation factors is used to get the color for a specific lamp type. If "white" is specified, the lamp will be uncolored. This is probably preferable for scenes with only a single variety of lamp in order to produce color-balanced images.

**ENVIRONMENT**

RAYPATH Directories to check for lamp table

**FILES**

lamp.tab Default lamp lookup table

**AUTHOR**

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**ACKNOWLEDGEMENT**

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**SEE ALSO**

*ies2rad(1)*