A SYSTEM SIMULATION APPROACH FOR THE CONTROL OF STRAY ELECTRIC LIGHT

T.K. MCGOWAN
GE Lighting, Cleveland, OH U.S.A.

J. HIBBS
Hibbs Consulting, Boulder, CO U.S.A.

ABSTRACT There are practical ways to improve the way lighting systems are designed and operated where the objective is to control stray light from the astronomical (or other) point of view. Most efforts, however, have been direct toward the lighting hardware or operation on a micro level.

Another approach would be to use new computer models on a macro level to predict the stray light from both individual lighting systems or whole areas where multiple systems are employed.

Such models would be used to guide light control efforts, optimize lighting designs, and predict aggregate stray light changes over time.

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