

THE EFFECT OF PUBLIC LIGHTING ON SKY GLOW

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ABSTRACT The principal reason that public lighting exists is that it fulfills the needs for: traffic safety, personal security, comfort and pleasantness, and environmental esthetics.

Traffic safety and personal security are becoming increasingly important, even more so in large cities. Since money to be invested in public lighting is limited, installations have to be as economical as possible. Basically, there are two ways to improve the efficiency of an installation: increase lamp and gear efficiency, and increase luminaire efficiency.

The paper presented orally deals with developments during the last decade in the field of sodium vapor lamps and the application trends in different parts of the world.