

Lighting Quality Research

Findings of a joint committee of
The Illuminating Engineering Society of North
America / International Association of Lighting
Designers / Hosted by the NRC. 1996

*“Achieving a consensus on lighting quality requires agreement about what constitutes a “good” or “bad” lighting installation...**There was little agreement among the experts...**for many of the spaces we inhabit the lighting has not been designed; instead, the spaces are lit by systems that happen to be available, are inexpensive, and **chosen by someone who has little knowledge of people’s lighting needs.**”*

ESCO/CFO SURVEY
“Today’s Facility Manager, March 1999”
300 Facilities
66% with space greater than 1 million sq. ft.

SATISFACTION

25% **VERY SATISFIED**
68% SOMEWHAT SATISFIED
8 % NOT VERY SATISFIED

MEASURE

82% LIGHTING
63% HVAC
54% CONTROLS

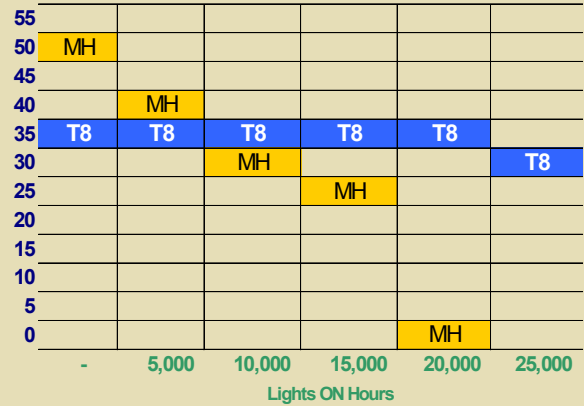
UPGRADE INFORMATION

46% UTILITY
42% CONSULTANTS
(only 38% would use a consultant again =16%)
41% EQUIPMENT MANUFACTURERS

STANDARD PRACTICE simple energy only retrofits do not produce high customer satisfaction.

Foot-Candles (s/p Adjusted)

Foot-Candle Life



HPS



Different
Light
Sources
have
Different
VALUES
in Usable
Light



MV



MH



