

Efficient Use of LED bulbs Document

Percentage of annual power requirement using LED Lights

Total LED lights	Unit watts	Total watts
615(tube lights)	20	12.3 KW
30(flood lights)	200	6 KW
TOTAL		18.3 KW

Total Tube lights	Unit watts	Total watts
867	40	34.68 kw

(Calculations done for an average of 6 hours,365 days)

Annual lighting power requirement met through LED bulbs (in KWH)

40077

Total Annual power lighting requirement (in KWH)

116026.

Percentage of Annual lighting power requirement met through LED bulbs

34.54%

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