

# New lighting system vs. previous lighting system

CEE's office at 98 North Washington St., Boston

In changing to an energy-efficient lighting system, the Consortium for Energy Efficiency (CEE) reduced the number of fixtures from 86 to 54, and the total kW by 6,546. Based on the estimated usage of the lighting, the annual savings are projected to be 20,201 kWh and more than \$2,000.

Location	PREVIOUS LIGHTING			NEW LIGHTING SYSTEM		
	Type	No.	kW (total)	Type	No.	kW (total)
Offices	4L4'T12	28	3,920	3L4'T8	12	1,056
Cubicles	3L2'T12	22	2244	3L2'T8	12	636
Halls/Corridors	3L4'T12	5	550	3L2'T8	18	963
Copier Rm/Kitchen/Misc.	3L2'T12	22	2,244	3L4'T8	3	173
Large Conference	Inc. 90W	4	360	CFL 18W	4	80
	2L4'T12	3	210	2L4'T8	3	138
Small Conference	4L4'T12	2	280	3L4'T8	2	144
<b>TOTAL</b>		<b>86</b>	<b>9,808</b>		<b>54</b>	<b>3,070</b>

Source: CEE calculations of data provided by Rise Engineering.