

# Lighting Audit Report



Reference

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Version: 1.0

Lighting Audit Report

8/18/2009

Building: **typical**

<b>ZoneID</b>	1.00	<b>Location:</b>	<b>Front Office Area Common</b>		<b>Proposed Action</b> <i>Lamp Replacement</i>  <b>Total Installation Cost</b> <b>\$268.81</b> <b>Annual Savings</b> <b>\$183.84</b> <b>Break Even Point (yrs)</b> <b>1.46</b>
<b>Existing Fixture</b>	1I0065 -RC				
<b>Proposed Fixture</b>	1-CFL-16W R- Par 30 Flood				
<b>Description</b>	Retro 16W CFL Par 30 Flood				
	<b>Number of Fixtures</b>	<b>Average Watts per Fixture</b>	<b>Annual Usage</b>	<b>Annual Electric Cost</b>	
<b>Existing:</b>	12	65	2,860	\$267.70	
<b>Proposed:</b>	16	16	2,860	\$87.86	
	<b>Lighting Electric</b>	<b>Lighting Material</b>	<b>Kilowatts (KW)</b>	<b>Kilowatt-hours (KWH)</b>	
<b>Saved:</b>	\$179.84	\$4.00	1	1,499	

<b>ZoneID</b>	1.00	<b>Location:</b>	<b>Front Office Area Common</b>		<b>Proposed Action</b> <i>Remove &amp; Install Recessed Fixture</i>  <b>Total Installation Cost</b> <b>\$2,590.60</b> <b>Annual Savings</b> <b>\$781.55</b> <b>Break Even Point (yrs)</b> <b>3.31</b>
<b>Existing Fixture</b>	4F40SES -34W 2X4 Troffer				
<b>Proposed Fixture</b>	3F30EEL - NF-CRE 2x4 Pris Trof				
<b>Description</b>	NF 2x4 3L 30W Prismatic Troff HP T8 BF L				
	<b>Number of Fixtures</b>	<b>Average Watts per Fixture</b>	<b>Annual Usage</b>	<b>Annual Electric Cost</b>	
<b>Existing:</b>	24	160	2,860	\$1,317.89	
<b>Proposed:</b>	24	69	2,860	\$568.34	
	<b>Lighting Electric</b>	<b>Lighting Material</b>	<b>Kilowatts (KW)</b>	<b>Kilowatt-hours (KWH)</b>	
<b>Saved:</b>	\$749.55	\$32.00	2	6,246	

Please note that this report does not include rebate or occupancy sensor information



Building: **typical**

<b>ZoneID</b>	5.00	<b>Location: Inspection Stations</b>			<b>Proposed Action</b> <i>Relamp, Reballast, &amp; Clean</i>
<b>Existing Fixture</b>	2F40SEM -34W-1x4 Wrap				
<b>Proposed Fixture</b>	2F30EEL - R 841				
<b>Description</b>	Retro 2L 30W 841 HP T8 BF L				
	<b>Number of Fixtures</b>	<b>Average Watts per Fixture</b>	<b>Annual Usage</b>	<b>Annual Electric Cost</b>	<b>Total Installation Cost</b>
<b>Existing:</b>	24	70	4,576	\$922.52	<b>\$555.27</b>
<b>Proposed:</b>	12	46	4,576	\$303.11	<b>Annual Savings</b>
	<b>Lighting Electric</b>	<b>Lighting Material</b>	<b>Kilowatts (KW)</b>	<b>Kilowatt-hours (KWH)</b>	<b>\$632.30</b>
<b>Saved:</b>	\$619.41	\$12.89	1	5,162	<b>Break Even Point (yrs)</b>
					<b>0.88</b>

<b>ZoneID</b>	6.00	<b>Location: Shipping &amp; Receiving</b>			<b>Proposed Action</b> <i>1x8 Kit</i>
<b>Existing Fixture</b>	2F96HES - Ind w/shade				
<b>Proposed Fixture</b>	4F30EEL - TK-841-1x8 Wht Refl				
<b>Description</b>	Kit 1X8 2LTand 30W 841 w/ Wht Refl HP T8 BF L				
	<b>Number of Fixtures</b>	<b>Average Watts per Fixture</b>	<b>Annual Usage</b>	<b>Annual Electric Cost</b>	<b>Total Installation Cost</b>
<b>Existing:</b>	12	227	4,160	\$1,359.82	<b>\$1,098.54</b>
<b>Proposed:</b>	12	92	4,160	\$551.12	<b>Annual Savings</b>
	<b>Lighting Electric</b>	<b>Lighting Material</b>	<b>Kilowatts (KW)</b>	<b>Kilowatt-hours (KWH)</b>	<b>\$823.91</b>
<b>Saved:</b>	\$808.70	\$15.21	2	6,739	<b>Break Even Point (yrs)</b>
					<b>1.33</b>

<b>ZoneID</b>	7.00	<b>Location: Shipping Office</b>			<b>Proposed Action</b> <i>Relamp, Reballast, &amp; Clean</i>
<b>Existing Fixture</b>	4F40SEM -34W 2x4 Troff				
<b>Proposed Fixture</b>	2F32EEH -R				
<b>Description</b>	Retro 2L 32W HP T8 BF H				
	<b>Number of Fixtures</b>	<b>Average Watts per Fixture</b>	<b>Annual Usage</b>	<b>Annual Electric Cost</b>	<b>Total Installation Cost</b>
<b>Existing:</b>	2	140	2,600	\$87.36	<b>\$105.09</b>
<b>Proposed:</b>	2	74	2,600	\$46.18	<b>Annual Savings</b>
	<b>Lighting Electric</b>	<b>Lighting Material</b>	<b>Kilowatts (KW)</b>	<b>Kilowatt-hours (KWH)</b>	<b>\$43.33</b>
<b>Saved:</b>	\$41.18	\$2.15	0	343	<b>Break Even Point (yrs)</b>
					<b>2.43</b>

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