



COMcheck Software Version 3.9.2

# Interior Lighting Compliance Certificate

## 2009 IECC

### Section 1: Project Information

Project Type: **New Construction**

Project Title : OPTIMUM PERSONAL CARE ASSISTED LIVING FACILITIES

Construction Site:

1110/12/14 LAKEVIEW DRIVE  
SUAGR LAND, TX 77478

Designer

JOHN HILL  
REDDING LINDEN BURR ENGINEERS  
801 TRAVIS STREET  
SUITE 2000  
HOUSTON, TX 77002  
(713)237-9800  
JHILL@RLBENGINEERS.COM

### Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B x C)
Assisted Living Facility (Healthcare-Clinic)	18438	1	18438
Administration Office (Office)	958	1	958
Storage Garage (Warehouse)	600	0.8	480
Total Allowed Watts =			19876

### Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
<b>Assisted Living Facility ( Healthcare-Clinic 18438 sq.ft.)</b>				
Compact Fluorescent 1: A: GREATROOM PENDENT: Triple 4-pin 32W: Electronic:	1	48	32	1536
Compact Fluorescent 3: B: TYPICAL DOWN: Triple 4-pin 32W: Electronic:	1	68	32	2176
Linear Fluorescent 1: C: 1X4 2-LAMP: 48" T8 32W (Super T8): Electronic:	2	2	54	108
Linear Fluorescent 4: D: VOLUMETRIC FIXTURE: 48" T8 32W (Super T8): Electronic:	2	56	54	3024
Linear Fluorescent 6: D3: SIMILAR TO D EXCEPT 2-BALLAST: 48" T8 32W (Super T8): Electronic:	2	24	54	1296
LED 1: H: LOW LEVEL STEP LTG: Other:	1	32	2	64
Halogen 1: W1: CEILING FAN: Halogen MR-16 71W:	1	12	71	852
<b>Administration Office ( Office 958 sq.ft.)</b>				
Compact Fluorescent 2: A1: MULTIPURPOSE RM PEND: Triple 4-pin 32W: Electronic:	1	6	32	192
Compact Fluorescent 3 copy 1: B: TYPICAL DOWN: Triple 4-pin 32W: Electronic:	1	6	32	192
Linear Fluorescent 4 copy 1: D: VOLUMETRIC FIXTURE: 48" T8 32W (Super T8): Electronic:	2	3	54	162
Linear Fluorescent 9: M: UNDERCABINET: 24" T8 17W: Electronic:	1	7	17	119
Linear Fluorescent 10: P: OVER DESK TASK: 24" T8 17W: Electronic:	1	3	17	51
Halogen 1 copy 1: W1: CEILING FAN: Halogen MR-16 71W:	1	2	71	142
<b>Storage Garage ( Warehouse 600 sq.ft.)</b>				
Linear Fluorescent 1 copy 1: C: 1X4 2-LAMP: 48" T8 32W (Super T8): Electronic:	2	9	54	486
Total Proposed Watts =				10400

### Section 4: Requirements Checklist