

**NYC Organization Chart** .... highlighting city departments and agencies with codes or policies on lighting THE VOTERS OF THE CITY OF NEW YORK BOROUGHS OF THE BRONX, BROOKLYN, MANHATTAN, QUEENS AND STATEN BOROUGH PRESIDENTS PUBLIC ADVOCATE COMPTROLLER CIL EMBERS THE BRONX BROOKLYN MANHATTAN **MAYOR** 8 MEMBERS 10 MEMBERS QUEENS STATEN ISLAND OFFICE OF SPECIAL NARCOTICS CITY CLERK CLERK OF THE COUNCIL INDEPENDENT DEPUTY MAYOR FOR OPERATIONS DEPUTY MAYOR FOR ECONOMIC DEVELOPMENT DEPUTY MAYOR FOR GOVERNMENT AFFAIRS FIRST DEPUTY MAYOR DEPUTY MAYOR FOR EDUCATION AND COMMUNITY DEVELOPMENT PUTY MAYOR FOR HEALTH AND HUMAN SERVICES OFFICES OF SCHEDULING A ADVANCE COMMUNITY ASSISTANCE UNI ADMINISTRATIVE MICHOR'S VOLUNTEER STATE LEGISLATIVE AFFAIRS NEW YORK CITY OUSING AUTHORIT OFFICE TO COMBAT DOMESTIC VIOLENCE ICE OF EMERGE MANAGEMENT DEPARTMENT OF YOU AND COMMUNITY DEVELOPMENT OFFICE OF NAGEMENT AND BUDGET EALTH AND HOSPITA CORPORATION OF NEW YORK OFFICE FOR PEOPLE WITH DISABILITIES OFFICE OF OPERATIONS HUMAN RESOURCES ADMINISTRATION OFFICE OF LABOR RELATIONS DEPARTMENT OF SOCIAL SERVICES OTHER AUTHORITIES, BOARDS, COMMISSIONS AND CORPORATIONS Board of Elections Campaign Finance Board Election Modernization Task Force OFFICE OF CITYWID IVENTS COORDINATI AND MANAGEMENT DEPARTMENT OF HOMELESS SERVICE LAW DEPARTMEN OFFICE OF FILM, THEATRE AND BROADCASTING DEPARTMENT OF JUVENILE JUSTICE OFFICE OF VETERANI AFFAIRS OFFICE OF ADMINISTRATIVE SERVICES DEPARTMENT OF CORRECTION OTHER AUTHORITIES, BOARDS, COMMISSIONS AND CORPORATIONS OTHER AUTHORITIES, BOARDS, Advisory Commission for Cultural Affairs American Museum of Natural History! Planetarium Authority American Museum of the Moving Image Brook County Historical Society Brooklyn Academy of Museum Brooklyn Bottanical Glarden Brooklyn Children's Museum Brooklyn Children's Museum Brooklyn Children's Museum DEPARTMENT OF PROBATION OTHER AUTHORITIES, BOARDS, COMMISSION AND CORPORATIONS Board of Correction
Board of Health
Center for Animal Care and Control Direct Reporting Relationship
 Liaison Relationship on Center opolitan Museum of Art eum of Modern Art eum of the City of New York 2/25/2008 saired with the Deputy Mayor for Education and Com

### **Lighting Codes**

Codes (aka Rules and Laws) that regulate the use of lighting are found in a variety of Federal, State, and City regulations.....

- Fixture Construction /Fabrication: Fire Codes
- Illuminance (light levels):
  - Emergency Egress: Fire or Local Building Codes
  - General Illumination:
    - Interior: Building Codes (very minimal requirements)
    - Exterior: Department of Transportation (roads and public plazas
- Placement or Location on the Wall: Federal American Disability Act
- Energy (power) for Lighting: **Energy Codes**

# **Emergency Egress Lighting**





Area	Average Horizontal	Average Vertical
Road side sidewalk	Footcandles	Footcandles
Commercial area	0.9	2.0
Intermediate area	0.6	1.0
Residential area	0.2	0.5
Distant roadway sidewalk	Footcandles	Footcandles
Walkway/bikeway/stairway	0.5	0.5
Pedestrian tunnels	4.0	5.0
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Source: Illuminating Engineering Society of North America







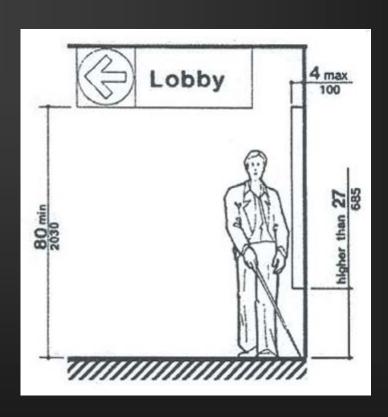






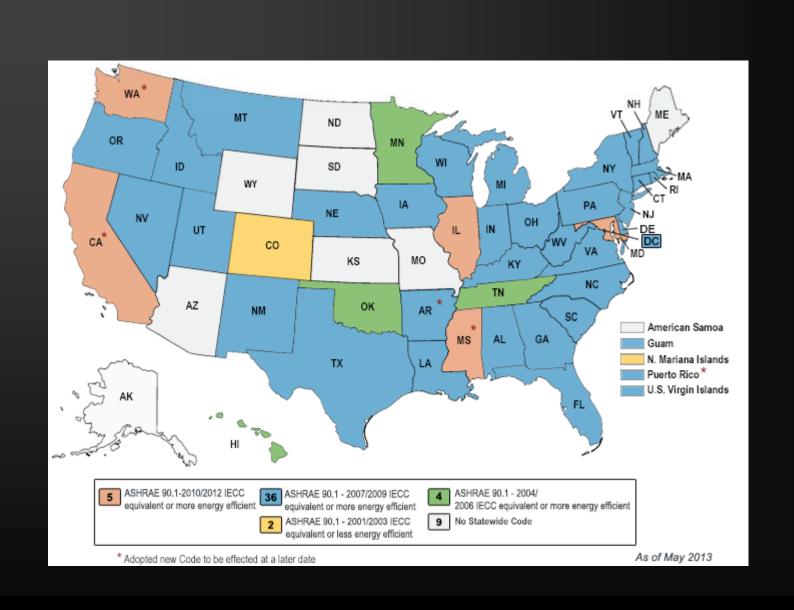


## American Disability Act

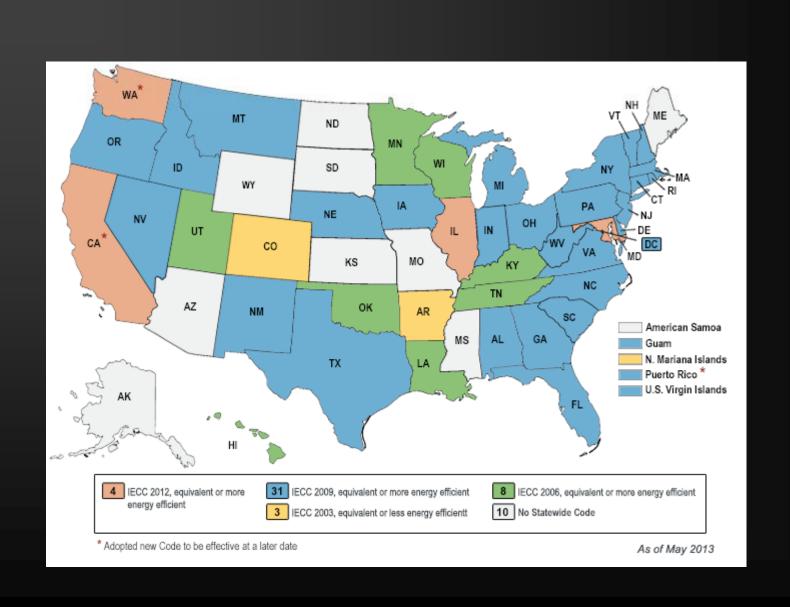


Maximum 4-inch projection below 80-inches AFF

### Status of State Energy Code Adoption: Commercial



### Status of State Energy Code Adoption: Residential



### Power for Lighting Regulation: NY State/City Energy Codes

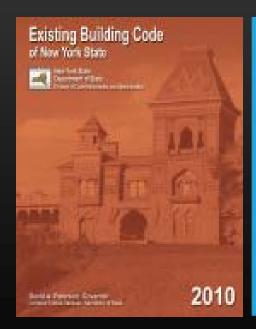
Lighting Power Densities

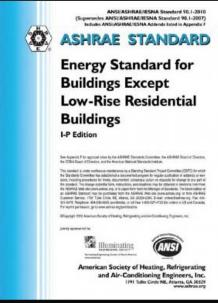
Maximum Allowable

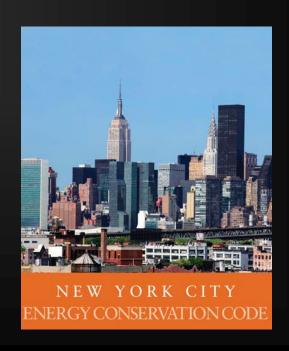
Lighting Load

Per Square Foot (W/sqft)

Lighting Controls
Auto Shut Off







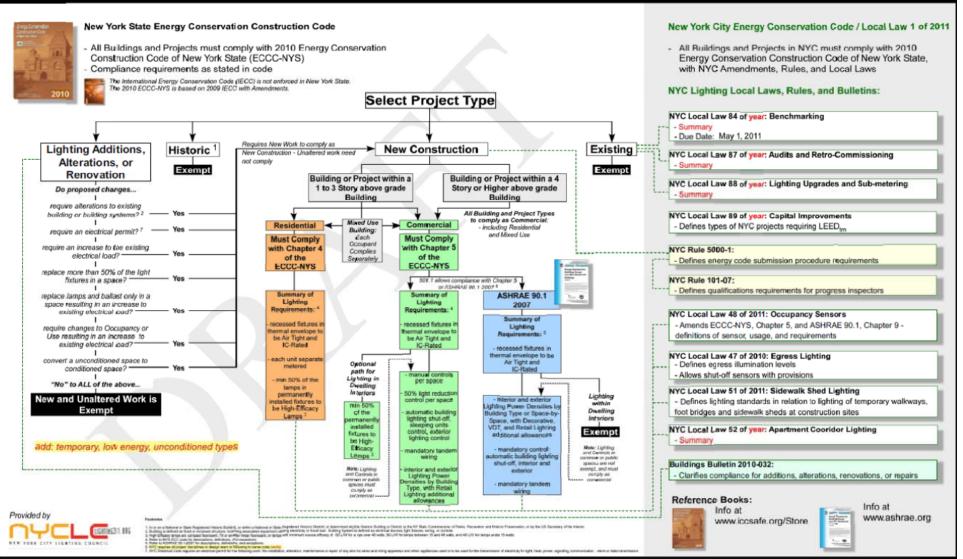


## Energy Codes and Lighting Guide for New York State and New York City

- Applies to projects filed after Dec 2010

The purpose of this guide is assist designers and owners with an overview of the various Energy Code paths affecting lighting and control requirements.

Net Included in this guide are Fire Code, Life Safety, LEED Incentives, or Building Department compliance documentation requirements. To learn more, visit Lighting311.org





#### Energy Standard for Buildings Except Low-Rise Residential Buildings

I-P Edition

See Appendix Fifor approved dates by the ABHRAE Standards Committee, the ABHRAE Board of Circuit the ICSAA Board of Circuit the I

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American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Table Circle No. Atlanta, GA 20129

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### ANSI/ASHRAE/IESNA Standard 90.1-2007 Energy Standard for Buildings Except Low-Rise Residential Buildings (I-P Edition)

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# ASHREA: Exterior Lighting



Energy Standard for Buildings Except Low-Rise Residential Buildings

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Illuminating



	Uncovered parking areas	
	Parking lots and drives	0.15 W/ft <sup>2</sup>
	Building grounds	
	Walkways less than 10 ft wide	1.0 W/linear foot
	Walkways 10 ft wide or greater	
Tradable Surfaces	Plaza areas	<b>0.2</b> W/ft <sup>2</sup>
(LPDs for uncovered	Special feature areas	
parking areas, building grounds, building	Stairways	1.0 W/ft <sup>2</sup>
entrances and exits, can-	Building entrances and exits	
opies and overhangs, and	Main entries	30 W/linear foot of door width
outdoor sales areas may be traded.)	Other doors	20 W/linear foot of door width
	Canopies and overhangs	
	Canopies (free standing and attached and overhangs)	1.25 W/ft <sup>2</sup>
	Outdoor sales	
	Open areas (including vehicle sales lots)	0.5 W/ft <sup>2</sup>
	Street frontage for vehicle sales lots in addition to "open area" allowance	70 W/linear toot
Nontradable Surfaces (LPD calculations for the	Building facades	0.2 W/ft <sup>2</sup> for each illuminated wall or surface or 5.0 W/linear foot for each illuminated wall or surface length
following applications can be used only for the specific application and cannot be traded between surfaces or with other exterior lighting. The following allowances are in addition to any allow- ance otherwise permit- ted in the "Tradable	Automated teller machines and night depositories	270 W per location plus 90 W per additional ATM per location
	Entrances and gatehouse inspection stations at guarded facilities	1.25 W/ft <sup>2</sup> of uncovered area (covered areas are included in the "Canopies and Overhangs" section of "Tradable Surfaces")
	Loading areas for law enforcement, fire, ambulance, and other emergency service vehicles	0.5 W/ft <sup>2</sup> of uncovered area (covered areas are included in the "Canopies and Overhangs" section of "Tradable Surfaces")
Surfaces" section of this table.)	Drive-through windows at fast food restaurants	400 W per drive-through
	Parking near 24-hour retail entrances	800 W per main entry

## ASHREA: Building Method (non-tradable)

Base Lighting Power Density = Maximum Allowable Lighting Load Per Square Foot (W/sqft)

	LPD
Building Area Type <sup>a</sup>	(W/ft <sup>2</sup> )
Automotive facility	0.9
Convention center	1.2
Courthouse	1.2
Dining: bar lounge/leisure	1.3
Dining: cafeteria/fast food	1.4
Dining: family	1.6
Dormitory	1.0
Exercise center	1.0
Gymnasium	1.1
Health-care clinic	1.0
Hospital	1.2
Hotel	1.0
Library	1.3
Manufacturing facility	1.3
Motel	1.0
Motion picture theater	1.2
Multifamily	0.7
Museum	1.1
Office	1.0
Parking garage	0.3
Penitentiary	1.0
Performing arts theater	1.6
Police/fire station	1.0
Post office	1.1
Religious building	1.3
Retail	1.5
School/university	1.2
Sports arena	1.1
Town hall	1.1
Transportation	1.0
Warehouse	0.8
Workshop	1.4

<sup>&</sup>lt;sup>a</sup>In cases where both a general building area type and a specific building area type are listed, the specific building area type shall apply.



Energy Standard for Buildings Except Low-Rise Residential Buildings

I-P Edition

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American Society of Heating, Refrigerating and Air-Conditioning Engineers, In 1791 Bulle Circle NE, Adlans, GA 389

## ASHREA: Space By Space (tradable)

#### **Base Lighting Power Density =**

Maximum Allowable Lighting Load Per Square Foot (W/sqft)

Common Space Types <sup>a</sup>	LPD, W/ft2	Building-Specific Space Types	LPD, W/f
Office—Enclosed	1.1	Gymnasium/Exercise Center	
Office—Open Plan	1.1	Playing Area	1.4
Conference/Meeting/Multipurpose	1.3	Exercise Area	0.9
Classroom/Lecture/Training	1.4	Courthouse/Police Station/Penitentiary	
For Penitentiary	1.3	Courtroom	1.9
Lobby	1.3	Confinement Cells	0.9
For Hotel	1.1	Judges' Chambers	1.3
For Performing Arts Theater	3.3	Fire Stations	
For Motion Picture Theater	1.1	Engine Room	0.8
Audience/Seating Area	0.9	Sleeping Quarters	0.3
For Gymnasium	0.4	Post Office—Sorting Area	1.2
For Exercise Center	0.3	Convention Center—Exhibit Space	1.3
For Convention Center	0.7	Library	
For Penitentiary	0.7	Card File and Cataloging	1.1
For Religious Buildings	1.7	Stacks	1.7
For Sports Arena	0.4	Reading Area	1.2
For Performing Arts Theater	2.6	Hospital	
For Motion Picture Theater	1.2	Emergency	2.7
For Transportation	0.5	Recovery	0.8
Atrium—First Three Floors	0.6	Nurses' Station	1.0
Atrium—Each Additional Floor	0.2	Exam/Treatment	1.5
Lounge/Recreation	1.2	Pharmacy	1.2
For Hospital	0.8	Patient Room	0.7
Dining Area	0.9	Operating Room	2.2
For Penitentiary	1.3	Nursery	0.6
For Hotel	1.3	Medical Supply	1.4
For Motel	1.2	Physical Therapy	0.9
For Bar Lounge/Leisure Dining	1.4	Radiology	0.4
For Family Dining	2.1	Laundry—Washing	0.6
Food Preparation	1.2	Automotive—Service/Repair	0.7
Laboratory	1.4	Manufacturing	
Restrooms	0.9	Low Bay (<25 ft Floor to Ceiling Height)	1.2
Dressing/Locker/Fitting Room	0.6	High Bay (≥25 ft Floor to Ceiling Height)	1.7
Corridor/Transition	0.5	Detailed Manufacturing	2.1
For Hospital	1.0	Equipment Room	1.2
For Manufacturing Facility	0.5	Control Room	0.5
Stairs—Active	0.6	Hotel/Motel Guest Rooms	1.1
Active Storage	0.8	Dormitory—Living Quarters	1.1
For Hospital	0.9	Museum	
Inactive Storage	0.3	General Exhibition	1.0
For Museum	0.8	Restoration	1.7
Electrical/Mechanical	1.5	Bank/Office—Banking Activity Area	1.5

Common Space Types <sup>a</sup>	LPD, W/ft2	Building-Specific Space Types	
Workshop	1.9	Religious Buildings	
sales Area [for accent lighting, see Section 9.6.2(b)]	1.7	Worship Pulpit, Choir	4.4
		Fellowship Hall	0.9
		Retail	
		Sales Area [for accent lighting, see Section 9.6.3(c)]	1.7
		Mall Concourse	1.7
		Sports Arena	
		Ring Sports Area	2.7
		Court Sports Area	2.3
		Indoor Playing Field Area	1.4
		Warehouse	
		Fine Material Storage	1.4
		Medium/Bulky Material Storage	0.9
		Parking Garage—Garage Area	0.2
		Transportation	
		Airport—Concourse	0.6
		Air/Train/Bus—Baggage Area	1.0
		Terminal—Ticket Counter	1.5

#### Plus Additional Allowances = Decorative Fixtures

ASHRAE STANDARD

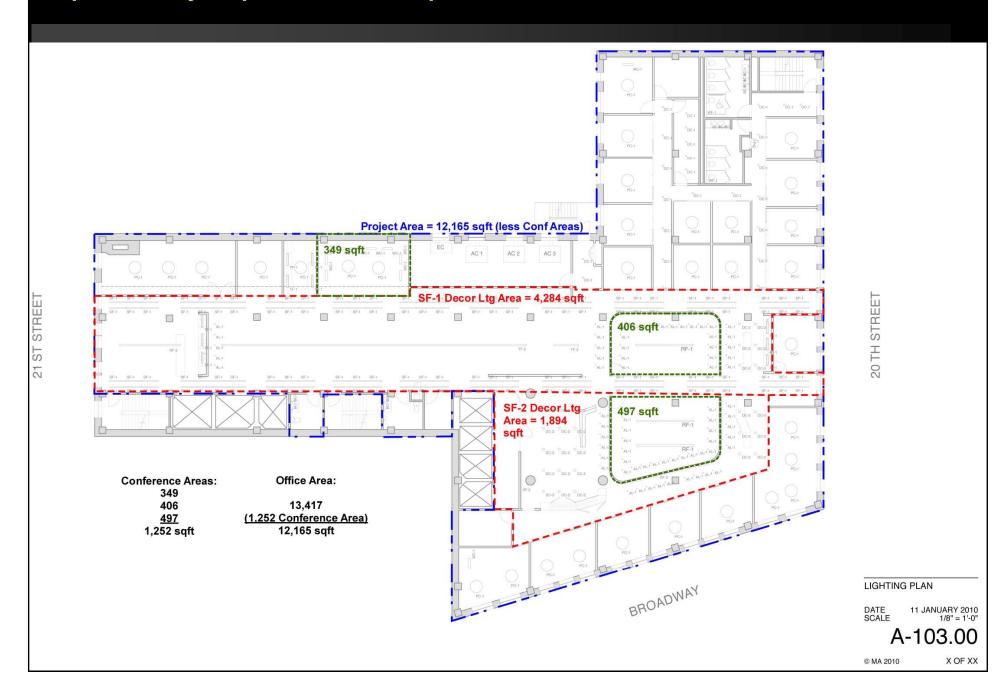
Energy Standard for
Buildings Except
Low-Rise Residential
Buildings

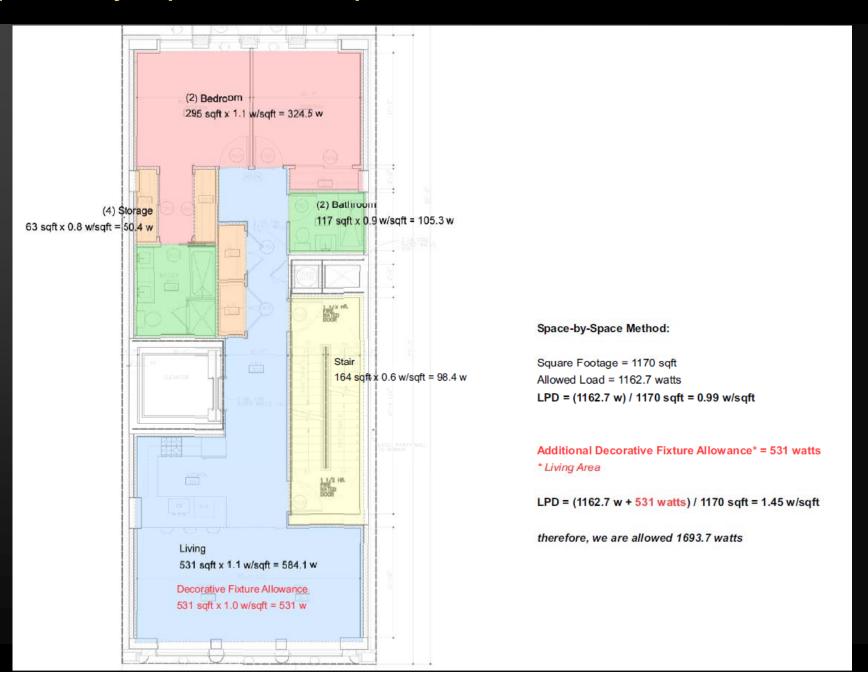
An increase in the *interior lighting power allowance* is permitted in the following cases:

a. For spaces in which lighting is specified to be installed in addition to the general lighting for the purpose of decorative appearance, such as chandelier-type luminaries or sconces or for highlighting art or exhibits, provided that the additional lighting power shall not exceed 1.0 W/ft<sup>2</sup> of such spaces.

#### **Retail Lighting Load**

Products sold in sales area	Classification	Additional Lighting Power Allowance = 1000W +
All products not listed below	Retail Sales Area 1	(Floor Area × 1.0W/sq.ft.)
Vehicles, sporting goods, small electronics	Retail Sales Area 2	(Floor Area × 1.7W/sq.ft.)
Furniture, clothing, cosmetics, artwork	Retail Sales Area 3	(Floor Area × 2.6W/sq.ft.)
Jewelry, crystal, china	Retail Sales Area 4	(Floor Area × 4.2W/sq.ft.)





#### 16-16 Whitestone

Quick Lighting Load Energy Summary by Area

 Area:
 First Floor / Public Cooridor and Lobby

 Sqft:
 495

 Type
 Qty
 Load (w)
 Extended

 DC-1
 8
 36 watts
 288 watts

 FC-1
 20
 8 watts per lin ft
 160 watts

 Proposed Design Load:
 448 watts

 Proposed Design LPD:
 0.9 watts/sqft

ASHRAE Base LPD w/Decorative\*: 2.3 watts/sqft
ASHRAE Load Allowance: 1,139 watts
% Delta between Design and ASHRAE: 39.4%

<sup>\*</sup> Additional Decorative Fixture Allowance 1.0 watt/sqft

Area: Sqft:	First Floor / Utility and Storage 955			
Туре	Qty	Load (w)	Extended	
CF-2	14	32 watts	448 watts	
		Proposed Design Load:	448 watts	
		Proposed Design LPD:	0.5 watts/sqft	
		ASHRAE Base LPD:	0.8 watts/sqft	
		ASHRAE Load Allowance:	764 watts	
	% Delta betv	veen Design and ASHRAE:	58.6%	

Area: Sqft:	First Floo 462	or / Egress Stair		
Туре	Qty	Load (w)	Extended	
BF-2	5	71 watts	355 watts	1-lamp sensored
		Proposed Design Load:	355 watts	
		Proposed Design LPD:	0.8 watts/sqft	
		ASHRAE Base LPD:	0.6 watts/sqft	
	AS	SHRAE Load Allowance:	277 watts	
% [	elta betwe	en Design and ASHRAE:	128.1%	

#### 16-16 Whitestone

Quick Lighting Load Energy Summary by Area

	ASHREA	Designed
	Allowance (Base)	Designed
First Floor / Public Cooridor and Lobby	1,139 watts	448 watts
First Floor / Egress Stair	277 watts	355 watts
First Floor / Utility and Storage	764 watts	448 watts
Second Floor / Office Area	10,120 watts	4,480 watts
Second Floor / Public Cooridor and Lobby	2,893 watts	1,692 watts
Second Floor / Restrooms	884 watts	552 watts
Second Floor / Egress Stair	239 watts	284 watts
Second Floor / Utility and Storage	106 watts	96 watts
Third Floor / Event Space	14,832 watts	10,077 watts
Third Floor / Public Cooridor and Lobby	8,386 watts	4,689 watts
Third Floor / North Office (open, enclosed, and conference)	6,130 watts	3,467 watts
Third Floor / North Office BOH	508 watts	234 watts
Third Floor / Egress Stair	239 watts	284 watts
Third Floor / Restrooms	1,047 watts	660 watts
Third Floor / Utility and Storage	106 watts	96 watts
Fourth Floor / Public Cooridor	1,474 watts	592 watts
Fourth Floor / Restrooms	868 watts	588 watts
Fourth Floor / Egress Stair	918 watts	284 watts
Fourth Floor / Utility and Storage	106 watts	96 watts
Fifth Floor / Pulbic Cooridor	1,909 watts	844 watts
Fifth Floor / North Office BOH	499 watts	351 watts
Fifth Floor / North Office (open, enclosed, conference)	8,348 watts	3,997 watts
Fifth Floor / Restrooms	868 watts	588 watts
Fifth Floor / Egress Stair	239 watts	284 watts
Fifth Floor / Utility and Storage	106 watts	96 watts
Sixth Floor / Office (open, enclosed, conference)	13,119 watts	10,325 watts
Sixth Floor / Restrooms	868 watts	588 watts
Sixth Floor / Utility and Storage	106 watts	96 watts
Sixth Floor / Egress Stair	239 watts	284 watts
Total:	77.336 watts	46.875 watts

% Under ASHRAE (the base):

39.4%

### Dept of Energy: ComCheck Software



2010 New York Energy Conservation Construction Code (by application of 90.1 (2007) Standard)

#### Section 1: Project Information

Project Type: New Construction

Project Title:

Construction Site:

Owner/Agent:

Designer/Contractor:

#### Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
Ground Lobby (Common Space Types:Lobby)	247	1.3	321
Allowance: Decorative Appearance / Fix. ID: PA-3	247(a)	1	247(b)
	Tot	al Allowed Watts =	568

- (a) Area claimed must not exceed the illuminated area permitted for this allowance type.
- (b) Allowance is (B x C) or the actual wattage of the fixtures given in Section 2, whichever is less.
- (e) Additional controls/switching allowances are based on number of fixtures or wattage controlled, not floor area of allowance.

#### Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	(C X D)
Ground Lobby ( Common Space Types:Lobby 247 sq.ft.)				
Linear Fluorescent 1: SF-4: Cove Strip: 48" T8 32W: Electronic:	1	7	32	224
Linear Fluorescent 2: SF-3: Cove Strip: 36" T8 25W: Electronic:	1	2	28	56
Incandescent 1: PA-3: Entry Pendant: Incandescent 250W:	1	1	250	250
	Tot	al Propose	d Watts =	530

#### Interior Lighting PASSES: Design 7% better than code

#### Section 4: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2010 New York Energy Conservation Construction Code (by application of 90.1 (2007) Standard) requirements in COMoheck Version 3.9.2 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title Signature Date

#### Section 5: Post Construction Compliance Statement

#### Record Drawings and Operating and Maintenance Manuals:

1. Construction documents with record drawings and operating and maintenance manuals provided to the owner.

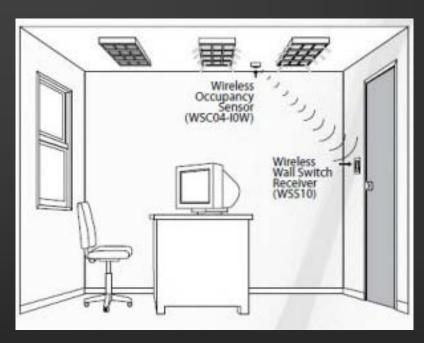
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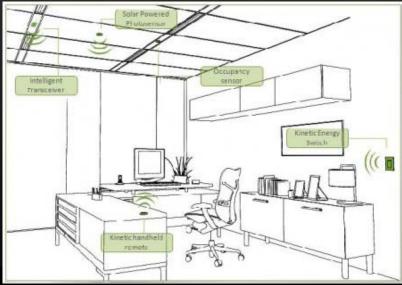
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Report date: 04/09/13

Page 1 of 3

# Occupancy / Vacancy Sensors









### **USGBC** LEED-CS Pilot Pre-Certification Review



Project Name: The Conservatory at Celebration Place LEED-CS Pre-Certification Level: Platinum Date: December 11, 2006

49		1	Points	Achieved (Original Pilot)	Possible Points:	66	61	Possible Points (Project Specific)
					ole (60 base) Points			61 Possible (56 base) points
8				Cert	ified 24 to 29 points			Certified 23 to 27 points
8	20	æ			ilver 30 to 35 points			Silver 28 to 33 points
20	Pending	ejected			Gold 36 to 47 points			Gold 34 to 44 points
Anticipated	æ	æ			m 48 or more points			Platinum 45 or more points
11			Sustai	nable Sites	Possible Points:	15	15	
Υ			Prereq 1	Erosion & Sedimentation Control				Project has provided material showing erosion and sedimentation control measures. LEED-
								CS references the 2003 EPA Construction General Permit, or local standards and codes, whichever is more stringent. Recommend that project clarify more stringent standard.
not	pursu	uing	Credit 1	Site Selection		1	1	
not	pursu	uing	Credit 2	Development Density		1	1	
not	pursu	uing	Credit 3	Brownfield Redevelopment		1	1	
1			Credit 4.1	Alternative Transportation, Public Transportation		1	1	
1			Credit 4.2	Alternative Transportation, Bloyde Storage & Ch	anging Rooms	1		Gross building square footage is 161,146. Based on the default occupancy count of 150 sf/occupant, the total building occupancy is 649. Building is using 650 sf/occupant, which is correct. Storage for 20 bicycles and 4 showers are provided.
1			Credit 4.3	Alternative Transportation, Low Emitting/Fuel Eff	cient Vehicles	1	1	
1			Credit 4.4	Alternative Transportation, Parking Capacity		1	1	
	pursu	uing	Credit 5.1	Reduced Site Disturbance, Protect or Restore Op		1	1	
1			Credit 5.2	Reduced Site Disturbance, Development Footpri	nt	1	1	
1		_	Credit 6.1	Stormwater Management, Rate and Quantity		1	1	
1			Credit 6.2			1	1	
1		_	Credit 7.1	Heat Island Effect, Non-Roof		1	1	
1		-	Credit 7.2 Credit 8	Heat Island Effect, Roof		1	1	
1		_	Credit 9	Light Pollution Reduction Tenant Design and Construction Guidelines		1	1	
1			Ciedia	renant besign and construction Guidelines		1	1	
5			Water	Efficiency	Possible Points:	5	5	
1			Credit 1.1	Water Efficient Landscaping, Reduce by 50%		1	1	
1			Credit 1.2	Water Efficient Landscaping, No Potable Use or	No Irrigation	1	1	
1			Credit 2	Innovative Wastewater Technologies		1	1	
1			Credit 3.1	Water Use Reduction, 20% Reduction		1	1	
1			Credit 3.2	Water Use Reduction, 30% Reduction		1	1	
14			Energ	/ & Atmosphere	Possible Points:	16	14	
Υ			Prereq 1	Fundamental Building Systems Commission	ina			
Ÿ			Prereq 2	Minimum Energy Performance				
Ÿ			Prereq 3	Refrigerant Management				
Υ			Prereq 3	Refrigerant Management				



49		1	Points	Achieved (Original Pilot) Possible Points:	66	61	Possible Points (Project Specific)
				65 Possible (60 base) Points			61 Possible (56 base) points
ō				Certified 24 to 29 points			Certified 23 to 27 points
흕	8	Pg.		Silver 30 to 35 points			Silver 28 to 33 points
nticipated	endine	pepe		Gold 36 to 47 points			Gold 34 to 44 points
Ę	ē	æ		Platinum 48 or more points			Platinum 45 or more points
8			Credit 1	Optimize Energy Performance	10	8	The points for this credit were revised to 8 points to reflect the projects current goal. Please be aware that the credit documentation will be more intensely scrutinized during the certification review. Some areas that should be looked into include the lighting power densities. If the lighting is not installed it should be modeled the same in the proposed and the baseline. Also, the annual energy cost for this building seams low. The annual energy costs should include all of the energy using systems that will be installed in the building.
1			Credit 2.1	On-Site Renewable Energy, 1%	1	1	
	attemp	otina	Credit 2.2	Renewable Energy, 5%	1	delete	d
1			Credit 3	Enhanced Commissioning	1	1	
1			Credit 4	Enhanced Refrigerant Management	1	1	
1			Credit 5.1	Measurement & Verification	1	1	
1			Credit 5.2	Measurement & Verification - Tenant Submetering		1	
1			Credit 6	Green Power	1	1	
6			Materia	als & Resources Possible Points:	12	11	
Υ			Prereq 1	Storage & Collection of Recyclables			
not	pursu	ing	Credit 1.1	Building Reuse, Maintain 25% of Existing Walls, Floors & Roof	1	1	
	pursu		Credit 1.2	Building Reuse, Maintain 50% of Existing Walls, Floors & Roof	1	1	
not	pursu	ing	Credit 1.2	Building Reuse, Maintain 75% of Existing Walls, Floors & Roof	1	1	
1			Credit 2.1	Construction Waste Management, Divert 50%	1	1	
1			Credit 2.2	Construction Waste Management, Divert 75%	1	1	
not	pursu	iing	Credit 3.1	Materials Reuse, Specify 1%	1	1	The use of recycled waste crushed concrete is not a salvaged construction material which is reused in another building and does not apply to this credit. This material may be applicable to other MR credits.
1			Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 pre-consumer)	1	1	Project has provided additional information. Because this is a pre-certification review for project intent, not a final certification review, the 10% recycled content credit will be awarded However, the glass information will not be accepted for a final certification review. Preconsumer material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind or scragenerated in a process and capable of being reclaimed within the same process that generated it. The Viracon information provided indicates that the recycled material doe not meet this definition.
not	pursu	ing	Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer)	1	1	
1			Credit 5.1	Local/Regional Materials, 10% Extracted, Processed & Manuf Regionally	1	1	
1			Credit 5.2	Local/Regional Materials, 20% Extracted, Processed & Manuf Regionally	1	1	Project should be attentive to the material extraction location.
	pursu	ing	Credit 6	Rapidly Renewable Materials	1	delete	•
		_	Credit 7	Certified Wood	1	1	



49	T T	Pol	nts Achieved (Original Pilot) Possible Points: 65 Possible (60 base) Points			Possible Points (Project Specific) 61 Possible (56 base) points
0			Certified 24 to 29 points			Certified 23 to 27 points
# 7	▼     ▼	4	Silver 30 to 35 points			Silver 28 to 33 points
彦 崇	4 9	Á	Gold 36 to 47 points			Gold 34 to 44 points
Anticipated Pending	Pending Rejected	Ĺ	Platinum 48 or more points			Platinum 45 or more points
10	工		oor Environmental Quality Possible Points:	13	11	
Υ	$\top$	Phened				
Υ		Phened	Environmental resource officer (2 10) control			
1		Credit	Consort All Delivery Monitoring	1	1	
not pure	rsuing		mid case vericination	1	1	
1		Credit	Construction IAG Management Plant, Daining Construction	1	1	
1		Credit	Low-Ellinting Materials, Adiesses & Sealants   I point for 2	1	1	
1		Credit	4.2 Low-Emitting Materials, Paints 2 points for 3	1	1	
1		Credit	Zerr Zimming materials, corpor	1	1	
Υ		Credit	Lot Linking materials, composite freedom Agricon Freedom			
1	47	Credit	mood offermatic Political Country	1	1	
1		Credit	Controllability of Cyste ins, months control	1	. 1	
not purs	rsuing		controlled my or cycle me, real removes	1	delete d	d
1		Credit	The titul control ( Long.	1	. 1	
not purs	rsuing		The title control ( ) controls we make by open	1	delete d	<u>A</u>
1	47	Credit	Daylight & Views, Daylight 7 575 51 Species	1	1	
1		Credit	8.2 Daylight & Views, Views for 90% of Spaces	1	1	
3	1	Inr	ovation & Design Process Possible Points:	5	5	
not pure	ırsuing		interested in De sign. Ecosos of Consecutor Equipment & Femilies	1	1	
1		Credit	1.2 Innovation in Design: Community Education	1		This point is allowed for precertification based on the concept and intent. Project should consult two sources for certification accomplishment; the requirements as stated in a LEED NC CIR for an "educational building" and the draft of LEED for Schools for direction regard the development, and adoption, of a green building and environmental curriculum.
	1	Credit	1.3 Innovation in Design: Integrated Pest Management	1	1	An integrated pest management plan is valuable, however LEED-EB has established criter for meeting a overall site and building exterior management. A pest management strategy one of the strategies and in itself is not sufficient for an innovation credit.
1		Credit	1.4 Innovation in Design:	1	١	An innovatio point can be met with green housekeeping and maintenance practices. Proje will need to demonstrate maintenance plan, products and methods used, and that these methods will be used in 100% of the building interior, including all of the tenant spaces. A contract of operational plan will be needed for certification review.
1	AT	Credit	2 LEED <sup>®</sup> Accredited Professional	1	1	

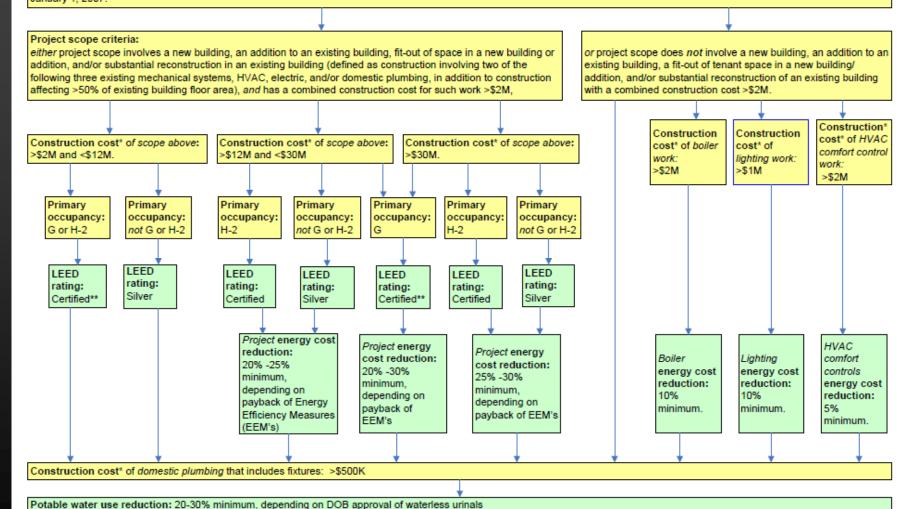
#### Prerequisite project criteria:

Primary occupancy: per 1968 building code, primary occupancy must be one of the following: B-1, B-2, C, E, F-1a, F-1b, F-3, F-4, G, H-1 or H-2, i.e. all occupancies except R-1, R-2, R-3 (residential), D-1 or D-2 (industrial), F-2 (outdoor assembly structures and equipment), and stand-alone parking garages.

City funding: project must use City funding in an amount >\$10M or, for projects receiving <\$10M of city funding, in an amount >50% of the project cost, where such cost, regardless of funding source, is comprised of capitally eligible cost (per NYC Comptroller's Directive 10) for design, construction\*, site preparation, and site acquisition. Note also that project cost covers work on all portions of a project, including portions that may not be subject to LL86 requirements.

City payment: first payment must be made from City Treasury to any vendor after January 1, 2007, or, for projects managed by DDC, after January 1, 2006.

Design approval: project must receive design approval, as evidenced by OMB approved CP for Construction or CP for Design and Construction, after January 1, 2007.



Construction part is based on actual or anticipated estimates in the OMB appropriate CP for construction or CP for decision and construction