Received By: rmarchan

Received: 11/19/2002

2003 DRAFTING REQUEST

Bill

Wanted: As time permits					Identical to LRB:			
For: Robert Cowles (608) 266-0484					By/Representing:			
This file may be shown to any legislator: NO					Drafter: rmarch	an	·	
May Contact:					Addl. Drafters:			
Subject: Buildings/Safety - bldg codes					Extra Copies:			
Submit v	ia email: YES							
Requeste	r's email:	Sen.Cowle	s@legis.sta	te.wi.us				
Carbon c	opy (CC:) to:	robert.mai	chant@leg	is.state.wi.us	3			
Pre Top	ic:				-			
No specif	fic pre topic gi	ven						
Topic:							· · · · · · · · · · · · · · · · · · ·	
Regulation	on of lighting s	ystems						
Instructi	ions:	 		***				
Redraft S	B-449.							
Drafting	History:		<u> </u>					
Vers.	<u>Drafted</u>	Reviewed	Typed	Proofed	Submitted	<u>Jacketed</u>	Required	
/?	rmarchan 11/19/2002	jdyer 11/20/2002						
/1	rmarchan 02/24/2003	jdyer 02/24/2003 jdyer 02/24/2003	pgreensl 11/20/200	02	lemery 11/20/2002	amentkow 01/06/2003	State	

>At intro

Vers.	<u>Drafted</u>	Reviewed	Typed	Proofed	Submitted	<u>Jacketed</u>	Required
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<i>l</i> 2			pgreensl 02/24/2003	3	amentkow 02/24/2003	amentkow 02/24/2003	State

FE Sent For:

<END>

2003 DRAFTING REQUEST

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Requester	's email:	Sen.Cowles	s@legis.state	e.wi.us				
Carbon co	opy (CC:) to:	robert.mar	chant@legis	s.state.wi.us	3			
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Topic:	n of lighting s	ystems						
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02/24/2003 02:40:21 PM Page 2

Vers.	<u>Drafted</u>	Reviewed	Typed	Proofed	Submitted	<u>Jacketed</u>	Required
/2			pgreensl 02/24/20	03	amentkow 02/24/2003		State
FE Sent	For:			<end></end>			

2003 DRAFTING REQUEST

Bill

Received: 11/19/2002 Received By: rm	archan
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Wanted: As time permits Identical to LRB:

For: Robert Cowles (608) 266-0484 By/Representing:

This file may be shown to any legislator: NO Drafter: rmarchan

May Contact: Addl. Drafters:

Subject: Buildings/Safety - bldg codes Extra Copies:

Submit via email: YES

Requester's email: Sen.Cowles@legis.state.wi.us

Carbon copy (CC:) to: ${\bf robert.marchant@legis.state.wi.us}$

Pre Topic:

No specific pre topic given

Topic:

Regulation of lighting systems

Instructions:

Redraft SB-449.

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	Reviewed	<u>Typed</u>	Proofed	Submitted	<u>Jacketed</u>	Required

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11/20/2002

01/06/2003

01/06/2003 10:24:01 AM Page 2

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Received: 11/19/2002

2003 DRAFTING REQUEST

Bill

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For: Robert Cowles (608) 266-0484				By/Representin	g:				
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Subject:	Buildin	gs/Safety - bld	lg codes		Extra Copies:				
Submit v	via email: YES								
Requeste	er's email:	Sen.Cowle	s@legis.stat	te.wi.us					
Carbon o	copy (CC:) to:	robert.ma	rchant@leg	is.state.wi.us	• • • • • • • • • • • • • • • • • • •				
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11/20/2002 03:01:57 PM Page 2

FE Sent For:

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2003 DRAFTING REQUEST

Bill

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Wanted: As time permits

Identical to LRB:

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By/Representing:

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Redraft SB-449.

Drafting History:

Vers.

Drafted

Reviewed

Required

rmarchan

Typed

Proofed

Submitted

Jacketed

FE Sent For:

February 20, 2002 – Introduced by Senators Cowles, Baumgart, Burke and Hansen, cosponsored by Representatives Miller and Black. Referred to Committee on Universities, Housing and Government Operations.

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AN ACT to amend 101.027 (2), 101.12 (1) (a), 101.63 (1) (intro.), 101.63 (2), 101.73

(1) and 101.73 (2); and to create 101.026 and 101.027 (2) (c) of the statutes;

relating to: the regulation of commercial and residential lighting systems and granting rule–making authority.

Analysis by the Legislative Reference Bureau

Current law generally requires the department of commerce (department) to promulgate rules regulating the construction of commercial buildings in this state. With certain exceptions, current law requires the department to review plans for the construction of commercial buildings to ensure that the proposed construction complies with the department's rules. This review currently covers such things as the building's proposed heating, ventilation, and air conditioning systems, fire detection systems, and elevator systems. This bill requires the review to also include the building's proposed lighting systems. In addition, this bill requires the department to consider the standards of the Illuminating Engineering Society of North America in promulgating rules relating to lighting in commercial buildings and, with certain exceptions, requires exit lighting fixtures in commercial buildings to operate at five watts or less.

Current law also generally requires the department to promulgate rules regulating the construction of one-family and two-family dwellings and certain manufactured buildings designed to be used as dwellings. These rules include standards for such things as a dwelling's heating, ventilation, air conditioning, and

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Energy

SENATE BILL 449

plumbing systems. This bill requires these rules to also include standards for a dwelling's lighting systems.

In addition, current law requires the department to promulgate an energy onservation code. This bill requires the department, the next time it reviews the energy conservation code, to incorporate into the code design requirements that, to the extent practical, reduce energy needs for lighting by utilizing natural daylight.

For further information see the *state* fiscal estimate, which will be printed as an appendix to this bill.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 1. 101.026 of the statutes is created to read:

101.026 Lighting requirements for public buildings and places of employment. (1) In promulgating rules under s. 101.02 (15) that establish standards for lighting, the department shall consider incorporating into the standards the procedures for determining required lighting levels that are specified in the most current standards of the Illuminating Engineering Society of North America.

(2) Exit lighting fixtures installed in public buildings and places of employment on or after the effective date of this subsection [revisor inserts date], shall be designed to operate at 5 watts or less per face, except that an exit lighting fixture that is designed to operate at a higher wattage may be used, consistent with the rules promulgated under s. 101.02 (15), if it also provides egress lighting.

SECTION 2. 101.027 (2) of the statutes is amended to read:

shall promulgate rules that change the requirements of the energy conservation code to improve energy conservation. No rule may be promulgated that has not taken into account the cost of the energy conservation code requirement, as changed by the rule, in relationship to the benefits derived from that requirement, including the

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SENATE BILL 449

reasonably foreseeable economic and environmental benefits to the state from any reduction in the use of imported fossil fuel. The proposed rules changing the energy conservation code shall be submitted to the legislature in the manner provided under s. 227.19.

(b) In conducting a review under this subsection, the department shall consider

incorporating, into the energy conservation code, design requirements from the most current national energy efficiency design standards, including standard 90.1 – 1989 or an energy efficiency code other than standard 90.1 – 1989 if that energy efficiency code is used to prescribe design requirements for the purpose of conserving energy in buildings and is generally accepted and used by engineers and the construction industry.

SECTION 3. 101.027 (2) (c) of the statutes is created to read:

101.027 (2) (c) In conducting a review under this subsection, the department shall incorporate into the energy conservation code design requirements that, to the extent practical, reduce energy needs for lighting by utilizing natural daylight without increasing energy needs for cooling.

Section 4. 101.12 (1) (a) of the statutes is amended to read:

101.12 **(1)** (a) Heating, ventilation, air conditioning, lighting, and fire detection, prevention or suppression systems.

SECTION 5. 101.63 (1) (intro.) of the statutes is amended to read:

and inspection of one one-family and 2-family dwellings and components thereof. Where feasible, the standards used shall be those nationally recognized and shall apply to the dwelling and to its electrical, heating, ventilating, air conditioning, and other systems, including plumbing, as defined in s. 145.01 (10), and lighting. No set

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in construction and maintenance of dwellings and the costs of specific code provisions to home buyers in relationship to the benefits derived from the provisions. Rules promulgated under this subsection do not apply to a bed and breakfast establishment, as defined under s. 254.61 (1), except that the rules apply to all of the following:

**Section 6. 101.63 (2) of the statutes is amended to read:

of rules may be adopted which has not taken into account the conservation of energy

101.63 **(2)** Adopt rules for the certification, including provisions for suspension and revocation thereof, of inspectors for the purpose of inspecting building construction, electrical wiring, heating, ventilating, air conditioning, and other systems, including plumbing, as defined in s. 145.01 (10), and lighting, of one-family and 2-family dwellings under sub. (1). Persons certified as inspectors

may be employees of the department, a city, village, town, county, or an independent inspection agency. The department may not adopt any rule which prohibits any city, village, town, or county from licensing persons for performing work on a dwelling in which the licensed person has no legal or equitable interest.

SECTION 7. 101.73 (1) of the statutes is amended to read:

101.73 (1) Adopt rules which establish standards for the use of building materials, methods, and equipment in the manufacture and installation of manufactured buildings for use as dwellings or dwelling units. Where feasible, the standards used shall be those nationally recognized and shall apply to the dwelling and to its electrical, heating, ventilating, air conditioning, lighting, and other systems. Such rules shall take into account the conservation of energy in construction and maintenance of dwellings and the costs to home buyers of specific code provisions in relation to the benefits derived therefrom.

SENATE BILL 449

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Section 8. 101.73 (2) of the statutes is amended to read:

101.73 (2) Adopt rules for the examination of plans and specifications and for periodic in–plant and on–site inspections of manufacturing facilities, processes, fabrication, assembly, and installation of manufactured buildings to ensure that examinations and inspections are made in compliance with the rules adopted for construction, electrical wiring, heating, ventilating, air conditioning, lighting, and other systems under ss. 101.70 to 101.77 and with the rules for indoor plumbing adopted by the department under ch. 145.

SECTION 9. Nonstatutory provisions.

(1) RULES DEADLINE. The department of commerce shall submit in proposed form the rules relating to lighting required under sections 101.63 (1) (intro.) and (2) and 101.73 (1) and (2) of the statutes, as affected by this act, to the legislative council staff under section 227.15 (1) of the statutes no later than the first day of the 7th month beginning after the effective date of this subsection.

Section 10. Effective dates. This act takes effect on the day after publication, except as follows:

- (1) LIGHTING REQUIREMENTS FOR ONE-FAMILY AND TWO-FAMILY DWELLINGS AND MANUFACTURED BUILDINGS. The treatment of sections 101.63 (1) (intro.) and (2) and 101.73 (1) and (2) of the statutes takes effect on the first day of the 10th month beginning after publication.
- (2) PLAN REVIEW REQUIREMENTS FOR PUBLIC BUILDINGS AND PLACES OF EMPLOYMENT. The treatment of section 101.12 (1) (a) of the statutes takes effect on the first day of the 7th month beginning after publication.

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ed note family

Barman, Mike

From:

Marchant, Robert

Sent:

Monday, January 06, 2003 10:03 AM

To:

Barman, Mike

Subject:

FW: LRB 0786/1

Mike, please jacket as requested below for introduction in the Senate.

Thanks.

Rob

----Original Message-

From:

Sent:

Halbur, Jennifer Monday, January 06, 2003 9:36 AM

To:

Marchant, Robert

Subject:

LRB 0786/1

Robert,

Could you jacket LRB 0786/1 relating to the regulation of commercial and residential lighting systems?

Thank you,

Jennifer Halbur **Policy Advisor** Office of State Senator Robert Cowles 2nd Senate District (608)266-0484 Jennifer.Halbur@legis.state.wi.us



MEMBER: Environmental Resources Committee Health, Utilities, Veterans and Military Affairs Committee Joint Committee for Review of Administrative Rules

February 21, 2003

To: Robert Marchant

From: Jennifer Halbur

Re: LRB 0786/1 relating to the regulation of commercial and residential lighting

systems.

After requesting the jacket for LRB 0786/1, Senator Cowles decided he would like further changes made to this draft. Please create a bill draft to include the language of LRB 0786/1, with the following modifications:

Section 1, page 2, lines 4-7

> Delete current language.

Replace with:

"standards for lighting, the department shall use the most current standards of the Illuminating Engineering Society of North America as guidelines for determining required lighting levels."

Section 1, page 2, line 10

➤ Delete, "shall be designed to operate at 5 watts or less per face..."

Replace with:

"shall be consistent with the Energy Star Program (I believe Energy Star can be referenced as "the federal energy management program under 42 USC 8251. Jeff Kuesel used this reference in a different bill for the Senator.)

Section 3, page 3, line 19

Add after "cooling" on line 19:

...The department shall use the most current standards of the Illuminating Engineering Society of North America as guidelines for determining required lighting levels."

Sections 5-8, pages 3-5

➤ Delete sections 5-8.

Section 10, page 5, lines 20-23

Delete.

Thank you for your help on this draft. Please let me know if further clarification is needed. I can be reached at 266-0484.



State of Misconsin 2003 - 2004 LEGISLATURE



RJM:jld:pg

AN ACT to renumber and amend 101.027 (2); to amend 101.12 (1) (a), 101.63

(1) (intro.), 101.63 (2), 101.73 (1) and 101.73 (2); and to create 101.026 and

101.027 (2) (c) of the statutes; relating to: the regulation of commercial and

desidential lighting systems and granting rule-making authority.

Analysis by the Legislative Reference Bureau

Current law generally requires the Department of Commerce (department) to promulgate rules regulating the construction of commercial buildings in this state. With certain exceptions, current law requires the department to review plans for the construction of commercial buildings to ensure that the proposed construction complies with the department's rules. This review currently covers such things as the building's proposed heating, ventilation, and air conditioning systems, fire detection systems, and elevator systems. This bill requires the review to also include the building's proposed lighting systems. In addition, this bill requires the department to consider the standards of the Illuminating Engineering Society of North America in promulgating rules relating to lighting in commercial buildings and with certain exceptions, requires exit lighting fixtures in commercial buildings to operate at involvents and some construction of commercial buildings to operate at involvents and some construction of commercial buildings to operate at involvents and some construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings to operate at involvents and construction of commercial buildings are construction of commercial buildings and construction of commercial buildings are construction of commercial buildings and construction of commercial buildings are construction of commercial buildings and con

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be consistent with standards impossed the federal every star program

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2003 - 2004 Legislature LRB-0786/1 e consistent with the stands RJM:jld:pg **BILL** of the Illuminating Engineering Societ plumbing systems. This bill requires these rules to also include standards for dwelling's lighting systems. Maid ton current law requires the department to promulgate an Energy Conservation Code. This bill requires the department, the next time it reviews the Energy Conservation Code, to incorporate into the code design requirements that, to the extent practical, reduce energy-needs for lighting by utilizing natural daylight For further information see the **state** fiscal estimate, which will be printed as an appendix to this bill. The people of the state of Wisconsin, represented in senate and assembly, do enact as follows: **SECTION 1.** 101.026 of the statutes is created to read: 101.026 Lighting requirements for public buildings and places of employment. (1) In promulgating rules under s. 101.02 (15) that establish standards for lighting, the department shall consider incorporating into the Istandards the procedures for determining required lighting levels that are specified. in the most current standards of the Illuminating Engineering Society of North for determining regulared light consistent with the federal America Exit lighting fixtures installed in public buildings and places of 825 employment on or after the effective date of this subsection [revisor inserts date], shall be designed to operate at 5 watts or less per face, except that an exit lighting

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fixture that is designed to operate at a higher wattage may be used, consistent with the rules promulgated under s. 101.02 (15), if it also provides egress lighting

Section 2. 101.027 (2) of the statutes is renumbered 101.027 (2) (a) and amended to read:

101.027 (2) (a) The department shall review the energy conservation code Energy Conservation Code and shall promulgate rules that change the requirements of the energy conservation code Energy Conservation Code to improve energy conservation. No rule may be promulgated that has not taken into account the cost

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of the energy conservation code Energy Conservation Code requirement, as changed
by the rule, in relationship to the benefits derived from that requirement, including
the reasonably foreseeable economic and environmental benefits to the state from
any reduction in the use of imported fossil fuel. The proposed rules changing the
energy conservation code Energy Conservation Code shall be submitted to the
legislature in the manner provided under s. 227.19.
(b) In conducting a review under this subsection, the department shall consider
incorporating, into the energy conservation code Energy Conservation Code, design
requirements from the most current national energy efficiency design standards,
including standard 90.1 – 1989 or an energy efficiency code Energy Efficiency Code
other than standard $90.1-1989$ if that energy efficiency code Energy Efficiency Code

SECTION 3. 101.027 (2) (c) of the statutes is created to read:

101.027 (2) (c) In conducting a review under this subsection, the department shall incorporate into the Energy Conservation Code design requirements that, to the extent practical, reduce energy needs for lighting by utilizing natural daylight without increasing energy needs for cooling.

is used to prescribe design requirements for the purpose of conserving energy in

buildings and is generally accepted and used by engineers and the construction

incorporating regularments into the Energy Conservation Gode were this regular the department shall use the most furners standards of the I

SECTION 4. 101.12 (1) (a) of the statutes is amended to read:

101.12 (1) (a) Heating, ventilation, air conditioning, lighting, and fire detection, prevention or suppression systems.

SECTION 5. 101.63 (1) (intro.) of the statutes is amended to read:

101.63 (1) (intro.) Adopt rules which establish standards for the construction and inspection of one- and 2-family dwellings and components thereof. Where

feasible, the standards used shall be those nationally recognized and shall apply to the dwelling and to its electrical, heating, ventilating, air conditioning, and other systems, including plumbing, as defined in s. 145.01 (10), and lighting. No set of rules may be adopted which has not taken into account the conservation of energy in construction and maintenance of dwellings and the costs of specific code provisions to home buyers in relationship to the benefits derived from the provisions. Rules promulgated under this subsection do not apply to a bed and breakfast establishment, as defined under s. 254.61 (1), except that the rules apply to all of the following:

SECTION 6. 101.63 (2) of the statutes is amended to read:

101.63 (2) Adopt rules for the certification, including provisions for suspension and revocation thereof, of inspectors for the purpose of inspecting building construction, electrical wiring, heating, ventilating, air conditioning, and other systems, including plumbing, as defined in s. 145.01 (10), and lighting, of one—and 2—family dwellings under sub. (1). Persons certified as inspectors may be employees of the department, a city, village, town, county, or an independent inspection agency. The department may not adopt any rule which prohibits any city, village, town, or county from licensing persons for performing work on a dwelling in which the licensed person has no legal or equitable interest.

SECTION 7./101.73 (1) of the statutes is amended to read:

101.73 (1) Adopt rules which establish standards for the use of building materials, methods, and equipment in the manufacture and installation of manufactured buildings for use as dwellings or dwelling units. Where feasible, the standards used shall be those nationally recognized and shall apply to the dwelling and to its electrical, heating, ventilating, air conditioning, lighting, and other

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systems. Such rules shall take into account the conservation of energy in construction and maintenance of dwellings and the costs to home buyers of specific code provisions in relation to the benefits derived therefrom.

SECTION 8. 101.73 (2) of the statutes is amended to read:

101.73 (2) Adopt rules for the examination of plans and specifications and for periodic in-plant and on-site inspections of manufacturing facilities, processes, fabrication, assembly, and installation of manufactured buildings to ensure that examinations and inspections are made in compliance with the rules adopted for construction, electrical wiring, heating, ventilating, air conditioning, lighting, and other systems under ss. 101.70 to 101.77 and with the rules for indoor plumbing adopted by the department under ch. 145.

SECTION 9. Nonstatutory provisions.

(1) RULES DEADLINE. The department of commerce shall submit in proposed form the rules relating to lighting required under sections 101.63 (1) (intro.) and (2) and 101.73 (1) and (2) of the statutes, as affected by this act, to the legislative council staff under section 227.15 (1) of the statutes no later than the first day of the 7th month beginning after the effective date of this subsection.

SECTION 10. Effective dates. This act takes effect on the day after publication, except as follows:

(1) LIGHTING REQUIREMENTS FOR ONE— AND 2-FAMILY DWELLINGS AND MANUFACTURED BUILDINGS. The treatment of sections 101.63 (1) (intro) and (2) and 101.73 (1) and (2) of the statutes takes effect on the first day of the 10th month beginning after publication.



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1	(2) Plan review requirements for public buildings and places of employment.
2	The treatment of section 101.12 (1) (a) of the statutes takes effect on the first day of
3	the 7th month beginning after publication.

(END)