Comparison of the Lighting Requirements of IECC-2003 vs. 90.1-2001 (2004 items have also been added in red)

Category	90.1-2001 (2004 addenda in red, bold, underline)	IECC-2003	Comments
	Lighting - Section	on 9 of 90.1 vs. Section 805 of IECC	
General	9.1 Covers: Interior spaces Exterior features Exterior building grounds Exceptions: Emergency Living units Regulated Decorative gas	805.1 Covers:	
Automatic Lighting Shutoff	9.2.1.1 Covers: Buildings > 5,000 sq.ft Allows: Time-of-day control covering no more than 25,000 sq.ft or one floor, or Cocupant sensor (30 min), or Signal from another control or alarm system Exceptions: 24 hour operations	805.2.2.2 Covers: Buildings > 5,000 sq.ft Allows: Time-of-day control covering no more than 25,000 sq.ft or one floor, or Cocupant intervention Requires: Coccupant Override Readily accessible Readi	

Space Control	9.2.1.2 Covers: Spaces enclosed by ceiling height partitions Covers no more than 2,500 sq.ft per control in spaces less than 10,000 sq.ft and no ore than 10,000 sq.ft per control in larger spaces Requires override of no more than 4 hours Readily accessible and can see the lighting Allows:	805.2.1 Covers:	
	Manual, or Occupancy sensor Required in certain classrooms, conference/meeting rooms and employee lunch and break rooms if no multi-scene control. Exceptions:		
	 Remote location allowed for reasons of safety and security if has pilot light and is clearly labeled 		
Exterior Lighting Control	9.2.1.3 Covers: Exterior lighting when sufficient daylight is available or when lighting is not needed Requires: 10 hour power backup Allows: Photosensor (only if dusk-to-dawn operation) Astronomical time switch Exceptions: Covered vehicle entrances/exits for buildings or parking structures where required for safety, security or for eye adaptation	805.2.3 Covers: Exterior lighting Allows: Photosensor Automatic switching 7-day & seasonal daylight adjustment 4-hour power backup Exceptions: 24 hour operations	
Additional Controls	9.2.1.4 Covers: Display or accent lighting Case lighting Hotel/Motel Guest Room Lighting Task lighting Nonvisual lighting Demonstration lighting	805.2.2.3 Covers:	

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Tandem Wiring	9.2.2 Covers:	805.3 Covers:	
	1 or 3 lamp linear fluorescent > 30W Figure 1 or 3 lamp linear fluorescent > 30W	1 or 3 lamp linear fluorescent > 30W	
	Exceptions:	Exceptions:	
	Recessed luminaires > 10' apart	Recessed luminaires > 10' apart	
	Surface or pendant mounted luminaires that are not continuous	 Surface or pendant mounted luminaires > 1' apart 	
	Luminaires using single-or-three-lamp high	 Luminaires using single-or-three-lamp high 	
	frequency electronic ballasts (or 3 lamp	frequency electronic ballasts	
	electromagnetic)	 Luminaires on an emergency circuit 	
	 Luminaires on an emergency circuit 	 Luminaires with no available pair 	
	 Luminaires with no available pair 	·	
Exit Signs	9.2.3 Covers:	805.4 Requires:	
	 Exit sign luminaires > 20W 	• ≤ 5W/side	
	Requires:		
	• 35 LPW		
	NOTE: Addendum AI changes this to match IECC		
Light Reduction	NONE	805.2.2.1 Requires occupant being able to reduce connected lighting load by at least 50% by: Controlling all lamps or luminaires, or	
		Dual switching of alternate rows, luminaires or lamps, or	
		Switching middle lamps, or	
		Switching each lamp or luminaire	
		Exceptions:	
		 Areas with only 1 luminaire 	
		 Areas controlled by occupancy sensing 	
		 Corridors, storerooms, restrooms or public 	
		lobbies	
Interior Lighting	9.2.4 Uses:	805.5 Uses:	IECC-2003 lower than 90.1-2001.
Power	 Building Area Method, or 	 Entire building method, or 	IECC-2003 and 90.1-2004 are
	 Space-by-Space Method 	 Tenant area or portion of building method 	equivalent n most cases Both use
			equivalent adders for decorative, VDT
			and retail display lighting.