

DRAFT ALTERNATIVES

At the November 2010 MAG Dark Sky Stakeholders Group (DSSG) meeting, attendees voiced concerns with the draft Pattern Outdoor Lighting Code (POLC). These concerns were documented in the November 2010 MAG DSSG meeting notes. The concerns are also listed in the left column of the Draft Alternatives table. The tables 3 alternatives provide a range of responses to the concerns mentioned.

CONCERN	ALTERNATIVE A	ALTERNATIVE B	ALTERNATIVE C
<u>Section 3. Applicability</u> Change 25 percent to 50 percent to be consistent with building code requirements. <b>This change was made to the POLC.</b>			
<u>Table 4.1</u> Change 2000 lumens to something greater than 2000 lumens. <b>Remove Class 1/2/3 distinction from POLC.</b>	2000 lumens all zones	LZ1 2000 lumens LZ2 3000 lumens LZ3 3000 lumens	3000 lumens all zones
<u>Section 4.2</u> Create 3 lighting zones, urban, rural and suburban.	LZ1 rural and suburban LZ2 urban	LZ1 rural LZ2 suburban LZ3 urban	As many lighting zones as deemed necessary by the jurisdiction.
<u>Section 4.2</u> Revise highest lumen level of 150,000 to a higher number.	LZ1 50,000 lumens LZ2 150,000 lumens	LZ1 50,000 lumens LZ2 100,000 lumens LZ3 200,000 lumens	As many lighting zones as deemed necessary by the jurisdiction. Unknown number of LZ therefore cannot specify lumen limits.
<u>Table 4.3</u> Consider a higher CCT. Highest is 4200K as currently written. <b>Remove Class 1/2/3 distinction from POLC.</b>	4300K appropriate for all LZ	4300K appropriate for all LZ	no CCT limits
<u>Table 4.3</u> Class 2 lighting at 2200K is too low	LZ1 3000K LZ2 4300K	LZ1 3000K LZ2 4300K LZ3 4300K	no CCT limits
<u>Section 4.7</u> Change 30 minute curfew to one hour. <b>Add requirement to POLC for automatic controls on lights to be used at curfew.</b>	60 minutes	60 minutes	no curfew
<u>Section 5</u>	Leave as currently	Move sign standards to	Eliminate Section 5

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CONCERN	ALTERNATIVE A	ALTERNATIVE B	ALTERNATIVE C
Remove sign standards	written	municipal sign code	
<u>Section 5.2</u> Sign color designs. Be careful regulating sign color.	Add text to POLC indicating this does not apply to registered trademarks.	Eliminate Section 5.2A.	Eliminate Section 5.2A.
<u>Section 5.2B</u> Rewrite this section to clarify meaning. ASA recommends eliminating all references to lumens cap for signage. <b>Modify POLC to strike second and third sentences “Any lighting...”</b>			
<u>Section 5.3A</u> Change nighttime luminance limit for multicolor changeable-copy LED displays (current limit is 100 nits)	100 nits all LZ	LZ1 100 LZ2 150 LZ3 200	300 nits all LZ
<u>Table 5.4</u> Remove sign curfews	Leave as currently written	modify to read “... or within one hour of the business closing, whichever is later.”	no sign curfew
<u>Section 6.1D</u> The words “no greater than” do not allow for an engineering design margin. <b>Modify POLC to allow IES within 10 percent</b>			
<u>Section 6.2</u> 60 lumens/square foot is too low for the frontage row of vehicle display areas <b>Add zones to POLC.</b>	LZ1 = 40 lumens/sq ft LZ2 = 60 lumens/sq ft	LZ1 = 40 lumens/sq ft LZ2 = 60 lumens/sq ft LZ3 = 80 lumens/sq ft	As many lighting zones as deemed necessary by the jurisdiction. Unknown number of LZ therefore cannot specify lumen limits.
<u>Section 6.3D</u> Change curfew from 30 minutes to 60 minutes. <b>This change was made to POLC.</b>			

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CONCERN	ALTERNATIVE A	ALTERNATIVE B	ALTERNATIVE C
<p><u>Section 9.2</u> Allow search lights with a permit. Also suggested to add laser lights with a permit. Be sure to note that they need to be below the horizontal. <b>This change was made to POLC.</b></p>			