

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [comment CID 308 309 310 312 and proposed resolution]

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Re: []

Abstract: [Proposed resolution about comment CID 308 309 310 312]

Purpose: [Contribution to IEEE 802.15.7 TG-VLC]

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Technical comment CID 308, 312

❖ Comment 308, 312

- About the same philosophy of both Blinking notification and color-function support

❖ Proposed change

- Merge both or at least, reference link

❖ disagree

1. Color-function support is the usage of the CVD frame, however the blinking notification is the MAC command frame. Even though it has similar philosophy, they are definitely different.
2. Color-function is need to be supported by several colors, but the blinking notification can be work in single color device.

Technical comment CID 308, 310,312

- ❖ **Comment 308, 312**
 - What MAC-PIB attribute (see 6.4.2) represents the blinking-notification command?
- ❖ **Proposed change**
 - Introduce name of and reference to MAC-PIB attribute.
- ❖ **Agree**
 - Instruction to Editor – next page

- ❖ **Comment 310**
 - A blinking frequency of 10 Hz is well within the range of photosensitive epilepsy (see reference [B8]).
- ❖ **Proposed change**
 - Decrease the frequency below 3 Hz. Suggested value: 2 Hz, viz. a counter value of 125
- ❖ **Principle**
 - Instruction to Editor – next page

Instruction to Editor for CID 309

1. Add the following sentence at page 94, line 49 in subclause 5.3.9

- The blinking notification bit shall be set when the MAC PIB attribute, *macUseBlinkingNotification* and *macBlinkingNotificationFrequency*, as defined in Table 59. indicates the blinking notification usage. The blinking period shall be set, as defined in Table 58.

2. Insert the following table in table 58 and 59

- Identifier number is depend on the number order of the table 59

Attribute	Identifier	Type	Range	Description	Default
<i>macUseBlinkingNotification</i>		Boolean	TRUE or FALSE	shall be set to 1 when blinking notification is to be performed	0
<i>macBlinkingNotificationFrequency</i>		Integer	0-2	The frequency of blinking notification 1: 1Hz 2: 2Hz	0

Instruction to Editor for CID 309

1. Add the following sentence at page 94, line 50 in subclause 5.3.9

- To support the blinking notification, the period shall be chosen from the *phyBlinkingNotificationFrequency* PHY PIB attribute as shown in Table 99, using the MLME-SET.request and PLME-SET.request primitives

2. Insert the following table in table 99

- Identifier number is depend on the number order of the table 99

Attribute	Identifier	Type	Range	Description
<i>phyBlinkingNotificationFrequency</i>		Integer	0-2	The frequency of blinking notification 1: 1Hz 2: 2Hz

3. Delete the following sentence in subclause 5.3.9

- The blinking period shall be set by an 8-bit timer in multiples of 4 ms and a minimum counter value of 25 shall be used (i.e. minimum blinking period of 100 ms).