

Dimming the Osram 5.3W LED

It was found that the Osram 5.3W LED (Superstar/Parathom PAR16 50 Adv) turns off at a low dimmer setting. It was furthermore found that the LED's turn on intensity is slightly higher than its turn off intensity. Both these characteristics are independent of dimmer type or brand.

Trailing edge dimming is recommended for this lamp and there are two possible methods to easily set Shuttle's trailing edge dimmers for this LED.

➤ **METHOD 1 – Manual setting**

(applies to all Shuttle trailing edge bell-press dimmers)

- ◆ Dim down until the LED's turn off
- ◆ Immediately release the bell-press switch and wait a few seconds
- ◆ Press and hold the bell-press switch until the LED's are on
- ◆ Immediately release the switch (as soon as all LED's turn on)
- ◆ Wait a few seconds and press the switch exactly 11 times and release the switch (fairly quick count, approximately 2 presses per second)
- ◆ If the dimmer accepts the setting, the LED's will go to full intensity
- ◆ The dimmer's minimum intensity is now digitally set to the LED's turn on intensity.

➤ **METHOD 2 – Automatic setting**

*(500W & 800W trailing edge bell-press dimmers manufactured since week 11/2015)
(125W trailing edge bell-press dimmers manufactured since week 34/2015)*

- ◆ Press the bell-press switch exactly 5 times and release the switch (fairly quick count, approximately 2 presses per second)
- ◆ If the dimmer accepts the setting, the LED's will go to full intensity *
- ◆ The dimmer is now automatically set to suit the LED characteristics

** Tip: dim down slightly before activating this setting (around 50% is good)*