Application Note AN4028

Specification and Operation of 100-hour Burn-in Parameter

1. The factory default is 'disabled'; the installer should enable it manually after installation using the infrared programming tool as described below.
2. During the burn-in period, all dimming operations (automatic by photocell, manual switch, infrared remote control) are inhibited until the burn-in period has expired.
3. During the burn-in period, the programmed maximum output (Lamp Cap) is ineffective.
4. During the burn-in period, presence detection will be fully operational and will switch the lights on and off as normal.
5. Burn-in progress is stored in non-volatile memory in the product with a granularity of one hour, therefore if power is lost during the burn-in period, it will resume from where it left off when power is restored.

Using the Quick Set Pro (QSP) Programming tool

For Lightspot HD Products – LS3xxxx series

1. Burn can be selected directly from the product wide Parameters. To select, scroll down to the menu to 'Burn-in period'.
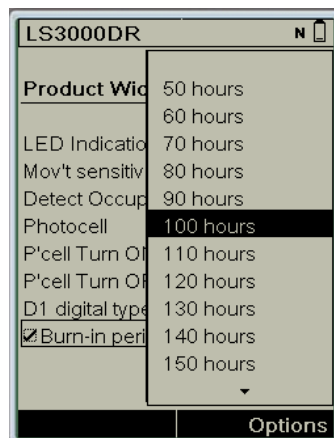

2. Press the left arrow to highlight 'Burn-in period'.
3. Press 'OK'.
    A tick appears next to the text.

    The burn in period set to 100 hours by default.
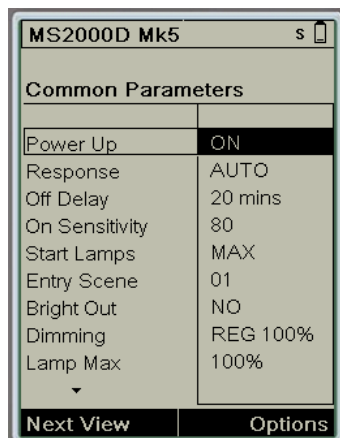
4. If you want to change this time, press the right arrow and then press OK.
   A scroll bar of times from 50 hours to 200 hours will appear.
5. Scroll to the desired burn in time using the UP or DOWN arrows and press OK to select.
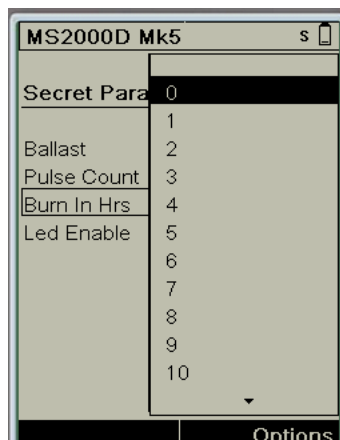   The setting are now ready to be uploaded to the detector.

For all other compatible detectors

LS3000DR	N
Product Wic	50 hours
	60 hours
LED Indicatio	70 hours
Mov't sensitiv	80 hours
Detect Occup	90 hours
Photocell	100 hours
P'cell Turn OI	110 hours
P'cell Turn OI	120 hours
D1 digital type	130 hours
☑ Burn-in peri	140 hours
	150 hours
	▼
	Options

MS2000D Mk5	s
Common Parameters	
Power Up	ON
Response	AUTO
Off Delay	20 mins
On Sensitivity	80
Start Lamps	MAX
Entry Scene	01
Bright Out	NO
Dimming	REG 100%
Lamp Max	100%
▼	
Next View	Options

1. Operator must be in Super User mode (notified by 'S' next to battery symbol).
2. Download product details using the Quick-SetPro. Common parameters are displayed.

3. Press 'top left soft key' for 'Next View'. This takes you into the 'Secret Parameters'. Navigating down to 'Burn In Hrs' allows you to modify the burn in period.

MS2000D Mk5	s
Secret Para	0
	1
Ballast	2
Pulse Count	3
Burn In Hrs	4
Led Enable	5
	6
	7
	8
	9
	10
	▼
	Options

**Additional functionality for Lightspot HD products
(LS3XXX Series) - Super Users only**

In Super User Mode the following functions are available

Quick Burn In

This function keeps the lamps ON at full brightness
for 100 hours continuously. That means, they do
not switch off when the presence detectors time-
out.

To enable this feature:

1. In the 'Product Wide Parameters' menu, scroll
    down to 'Quick burn-in'.

LS3000D	s
Product Wide Parameters	
▲	
Fade: Slow	8 Seconds
Fade: Very Slow	90 Seconds
Manual dimming1	In all states
Min ON time	None
D1 digital type	Auto Learn
Burn-in period	100 hours
Quick burn-in	No
Burn-in dimming	Disabled
ECG Configure	Enabled
▼	
Next View	Options

2. Press the right Soft key and select 'Yes'.

    The setting is now ready for uploading to the
    detector.

LS3000D	s
Product Wide Parameters	
▲	
Fade: Slow	8 Seconds
Fade: Very Slow	90 Seconds
Manual dimming1	In all states
Min ON time	None
D1 digital type	Auto Learn
Burn-in period	100 hours
Quick burn-in	Yes
Burn-in dimming	Disabled
ECG Configure	Enabled
▼	
Next View	Options

Burn-in dimming

The Burn-in process can be briefly suspended to allow the dimming capability of the system to be tested.

To enable this feature:

1. In the 'Product Wide Parameters' menu scroll down to 'Burn-in dimming'

```
┌─────────────────────────────────┐
│ LS3000D                    s □   │
│                                  │
│ Product Wide Parameters          │
│      ▲                           │
│ Fade: Very Slow    90 Seconds    │
│ Manual dimming1    In all states │
│ Min ON time        None          │
│ D1 digital type    Auto Learn    │
│ Burn-in period     100 hours     │
│ Quick burn-in      Yes           │
│ Burn-in dimming    Disabled      │
│ ECG Configure      Enabled       │
│ Sensitivity fine   Mode A        │
│      ▼                           │
│ Next View              Options   │
└─────────────────────────────────┘
```

2. Press the right soft key and select 'Enabled'.

    The setting is now ready for uploading to the detector.

```
┌─────────────────────────────────┐
│ LS3000D                    s □   │
│                                  │
│ Product Wide Parameters          │
│      ▲                           │
│ Fade: Very Slow    90 Seconds    │
│ Manual dimming1    In all states │
│ Min ON time        None          │
│ D1 digital type    Auto Learn    │
│ Burn-in period     100 hours     │
│ Quick burn-in      Yes           │
│ Burn-in dimming    Enabled       │
│ ECG Configure      Enabled       │
│ Sensitivity fine   Mode A        │
│      ▼                           │
│ Next View              Options   │
└─────────────────────────────────┘
```