

PIXIE SFI[®] Dimmer



PIXIE MASTER



Flicker Free Dimming

SFI Dimmer
#SDD400SFI



Eliminate LED downlight flickering by combining the PIXIE SFI dimmer with a range of SFI enabled downlights. This combination provides immunity to off-peak ripple tone injections commonly found in NSW and Queensland and delivers an exceptional dimming experience, simply.

- Familiar push button dimmer control with no flickering
- Smooth flicker free dimming to 1%
- Superb visual comfort with soft start / stop as standard
- Compact form factor allows for up to 6 Gang dimming wall plates
- Fits most branded switch plates and PIXIE Ambience plates
- Smart functions and configuration via PIXIE or PIXIE Plus app

[More Information](#)



How Does SFI Work?

- ▶ **SIMPLE, EFFECTIVE, FLICKER FREE**
The SDD400SFI dimmer is simple for your electrician to install just like a standard 2 wire dimmer. Likewise installation of the RippleShield enabled downlights with their flex and plug provided, is a plug-and-play installation when plug bases are already installed in the home.
- ▶ **NOT JUST SMARTER**
All the smart home intelligence of PIXIE is included in each RippleShield dimmer and using combinations of SFI and non-SFI dimmers is possible.

If homeowners don't want any PIXIE smarts, the flickering is still eliminated and the RippleShield dimmer is used as a simple push-button wall dimmer.
- ▶ **GREAT FOR OFF-GRID HOMES TOO**
This combination of rippleSHIELD dimmers and rippleSHIELD enabled LED downlights delivered superior dimming performance in off grid applications, eliminating a variety of 'electrical artifacts' which can conflict with normal dimming.

Say Farwell to Flickering Forever

Eliminating LED downlight flickering comes with a choice of designs and colours to meet the needs of every home. Choose from flicker immune, recessed, low glare downlights in different sizes or a more traditional LED downlight form factor with flat disc styling and tri-colour light selection.

SAL FLICKER IMMUNITY



Recessed, low glare downlights with SFI Technology

Fixed Position 60° beam | 76mm cutout



- ▶ 3K - 9W @ 700 lumens
- ▶ 76mm cut-out
- ▶ CRI >80 | CRI >90 available

PART #:
S9008WW/BK/SFI
S9008WW/WH/SFI

Centre Tilt 60° beam | 76mm cutout



- ▶ 3K - 9W @ 700 lumens
- ▶ 76mm cut-out
- ▶ CRI >80 | CRI >90 available

PART #:
S9009WW/BK/SFI
S9009WW/WH/SFI

Fixed Position 60° beam | 92mm cutout



- ▶ 3K - 9W @ 700 lumens
- ▶ 92mm cut-out
- ▶ CRI >80 | CRI >90 available

PART #:
S9011WW/BK/SFI
S9011WW/WH/SFI

Whilst PIXIE works with a large number of LED downlights from most manufacturers too, rippleShield guarantees a flicker-free experience.



Fixed Position 90° beam | 92mm cutout

- ▶ Tri Colour selectable, 10W
- ▶ 92mm cut-out (103mm diameter)
- ▶ CRI >80
- ▶ Lumens: 850/1000/900
- ▶ Colour Temp: 3000/4200/5700

PART #:
ECOGEM S9041TC SFI

Downlights must be paired with PIXIE SFI Dimmer for correct operation

PIXIE COOLUM PLUS™



Flicker Free Dimming

Downlight
#S9068TW35WH/RS



For use with the PIXIE SDD400SFI dimmer the PIXIE COOLUM PLUS downlight delivers a flicker free experience with >CRI90 colour rendering and colour tuning from 3K to 6.5K. Using the advanced HCL mode (Human Centric Lighting) mode users experience the right light at the right place at the right time automatically whenever the lights are activated.

- Colour tunable via PIXIE Apps from 3000k to 6500k
- Colour temperatures can be scheduled and automated with HCL mode too
- Smooth flicker free dimming to 1%
- >CRI90 with superb visual comfort with soft start / stop as standard
- 92mm cut out; IP44; 9w - Deep recessed, low glare downlights

More Information



PIXIE MASTER

Needs the #SDD400SFI to operate

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Human Centric Lighting

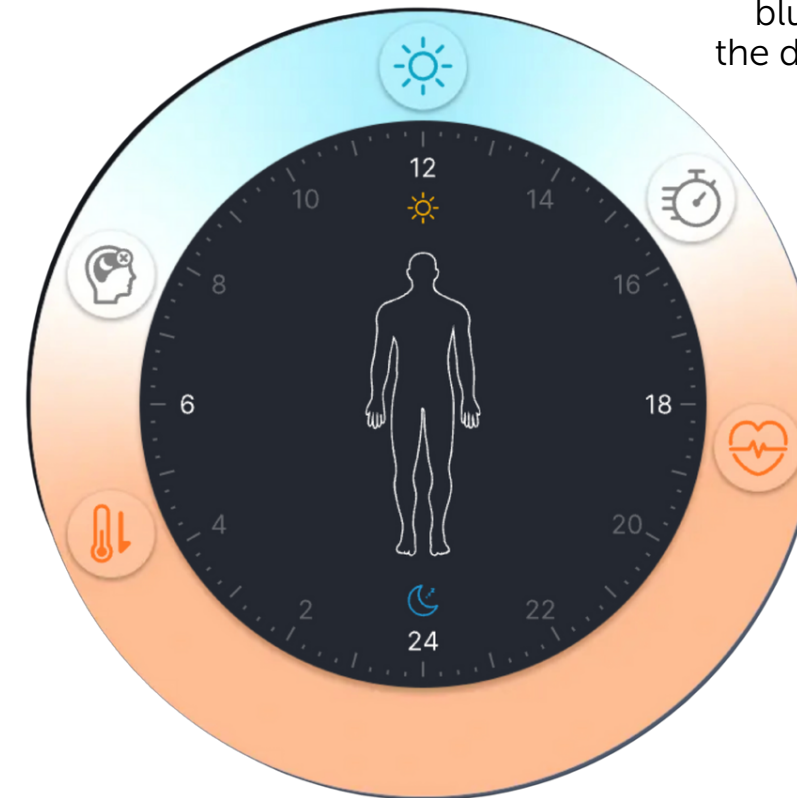
Human Centric Lighting (HCL) is a lighting concept that focuses on how light can affect people in indoor spaces

It goes beyond just helping us see better and takes into account how light can influence our emotions and our body's internal clock. HCL aims to mimic the natural changes in daylight throughout the day. This means adjusting not only the brightness of the light but also its colour.

Using the PIXIE COOLUM PLUS downlight range with PIXIE HCL mode, PIXIE now delivers a biologically tuned smart home lighting experience automatically - for an even smarter, more comfortable, healthier home.

Right Light, Right Place, Right Time

In the morning, the lighting transitions from a warmer orange colour, introducing more blue, mimicking natural outdoor lighting. As the day goes on, more blue light is introduced peaking at midday.



Heading toward the evening, light colour becomes warmer once again, like a sunset, and then, after sunset, your lighting has only a little blue light remaining with less intensity.

These changes in light can impact our body's internal clock and the sleep hormone melatonin, which is released from a gland in our brain when our eyes detect these light changes..