



How can smart lighting support a Dark(er) Sky future

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<https://www.ironbarksustainability.com.au/resources/articles/overcoming-the-lighting-managers-dilemma>

Ironbark
Sustainability

The Lighting Manager's Dilemma

Local Government's role in balancing safety and amenity with biodiversity and health

Local Government Role in Skyglow

Responsible for 20-50%



**The rest
(50-80%)**

Minimise Impact

Efficiency

50-70



Smart Control (e.g. Switch Off, dimming)

50-80



Colour

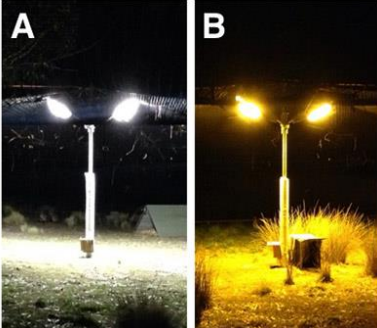
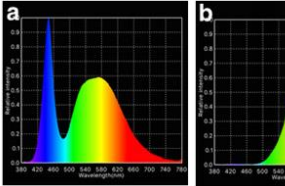
- 3000K, most outdoor
- 4000K, speed & safety
- <3000K, consider switch off instead




End Game?

Light only to the right level, when and where it is needed

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Environmental Explorer

Light pollution is increasingly recognised for its negative effects on wildlife.

Tailored to the circumstances and needs of each local government area, the Environmental Explorer tool can be integrated into a bulk change project, or implemented as a standalone project, to help analyse risk levels and take appropriate action to minimise the negative impact of lighting on biodiversity and local wildlife.




LIGHT RISK RATING

- Low
- Medium
- High
- Extreme

WILDLIFE

- ▲ Light Orientation
- Turtle Nesting Site





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