



AUSTRALASIAN  
**DARK SKY**  
ALLIANCE

# ADSA APPROVED LIGHTING

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# ADSA Approved Lighting Program history



Shedding light on light.



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Shedding light on light.



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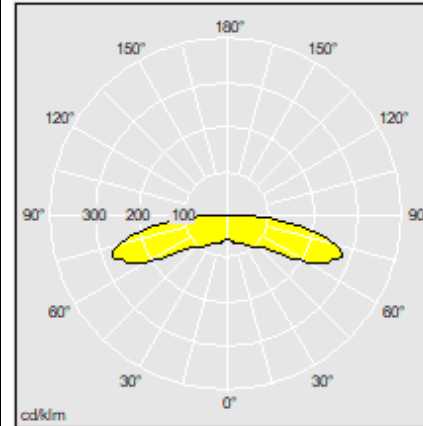


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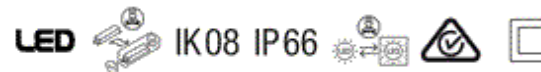
# ADSA Approved Lighting Program history



Dimensions: Ø700/720 x 500 mm  
Luminaire input power: 40 W  
Weight: 9 kg  
Scx: 0.17 m<sup>2</sup>  
Luminaire efficacy: 133 lm/W



Lamp position: STD - standard  
Light Source: LED  
Luminaire luminous flux\*: 5326 lm  
Luminaire efficacy\*: 133 lm/W  
Colour Rendering Index min.: 70  
Ballast: 1 x 96277063  
Correlated colour temperature\*: 4000 Kelvin  
Chromaticity tolerance (initial MacAdam): 5  
Rated useful life (B10)\*: L90 100000 h at 25 °C  
Luminaire input power\*: 40 W  
Dimming: FO



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# ADSA Approved Lighting Program history

**Five Lighting Principles for Responsible Outdoor Lighting**

DarkSky  Illuminating ENGINEERING SOCIETY 

Responsible outdoor lighting is

- 1 Useful**  
**Use light only if it is needed**  
All light should have a clear purpose. Consider how the use of light will impact the area, including wildlife and their habitats. 
- 2 Targeted**  
**Direct light so it falls only where it is needed**  
Use shielding and careful aiming to target the direction of the light beam so that it points downward and does not spill beyond where it is needed. 
- 3 Low Level**  
**Light should be no brighter than necessary**  
Use the lowest light level required. Be mindful of surface conditions, as some surfaces may reflect more light into the night sky than intended. 
- 4 Controlled**  
**Use light only when it is needed**  
Use controls such as timers or motion detectors to ensure that light is available when it is needed, dimmed when possible, and turned off when not needed. 
- 5 Warm-colored**  
**Use warmer color lights where possible**  
Limit the amount of shorter wavelength (blue-violet) light to the least amount needed. 

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## Five Lighting Principles for Responsible Outdoor Lighting



Responsible outdoor lighting is

### 1 Useful

#### Use light only if it is needed

All light should have a clear purpose. Consider how the use of light will impact the area, including wildlife and their habitats.



### 2 Targeted

#### Direct light so it falls only where it is needed

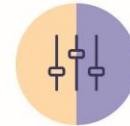
Use shielding and careful aiming to target the direction of the light beam so that it points downward and does not spill beyond where it is needed.



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#### Light should be no brighter than necessary

Use the lowest light level required. Be mindful of surface conditions, as some surfaces may reflect more light into the night sky than intended.



### 4 Controlled

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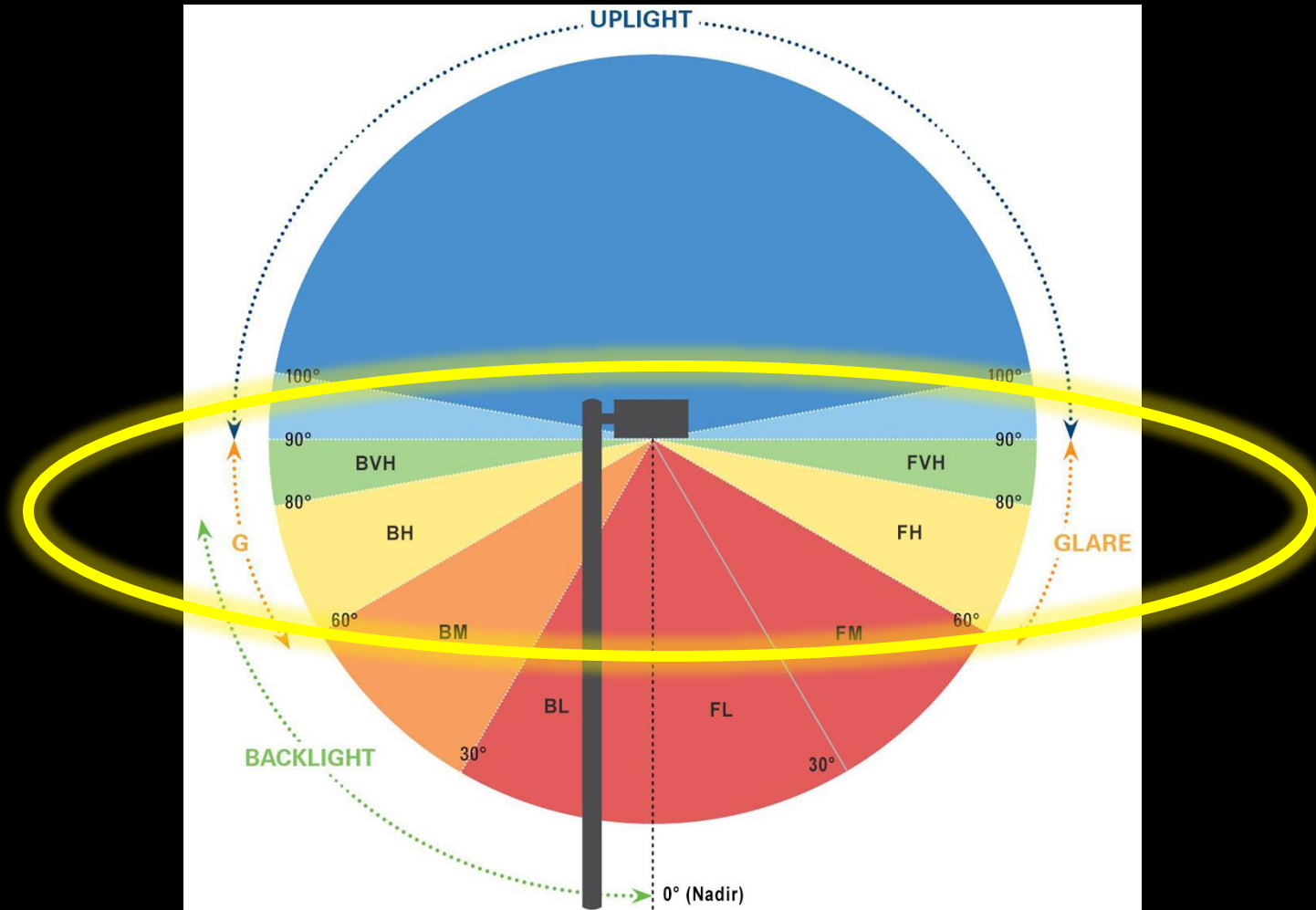
Rev: 08-2023

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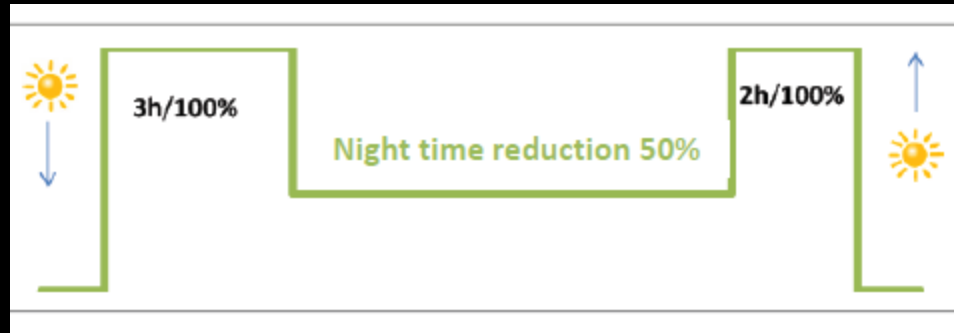
# ADSA Approved- Targeted

BUG  
Rating  
system



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# ADSA Approved- Controlled



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# ADSA Approved- Warm Coloured



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# ADSA Approved tiers



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# ADSA Approved Specifications

	ADSA Approved	ADSA Prized	ADSA Wildlife
<b>1. Useful</b>	NA	NA	NA
<b>2. Targeted- Shielded and in the right direction</b>	Both Front and Back Very High Uplight (FVH & BVH) $\leq 2.0\%$ .  Upward Waste Light of 0%	Front and Back Very High Uplight (FVH & BVH) $\leq 1.0\%$  Upward Waste Light of 0% when installed in the maximum adjusted up tilt angle.	Front and Back Very High Uplight (FVH & BVH) $\leq 1.0\%$  Upward Waste Light of 0% when installed in the maximum adjusted up tilt angle.
<b>3. Low Level- no brighter than necessary</b>			$\leq 5000$ delivered lumens
<b>1. Controlled</b>	No requirement	In built control.	In built control.
<b>1. Warm- coloured</b>	$\leq 3000\text{K}$ CCT	$\leq 2700\text{K}$ CCT	Amber, PC Amber or Red LED chips

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# ADSA Approved Participants

*brilliance in solar lighting*  
**photonus**

**we-ef**

**ibex**

**A E**  
**Φ C**  
ILLUMINAZIONE

eWO

**RZB**  
LIGHTING

**selux**

**rayTEC**

**ERCO**

**Intralux**

**TL Thorlux**  
Lighting  
AUSTRALASIA PTY LTD

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Thank you



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