

Visic

Recessed square and linear LED luminaire for seamless installation into T-Grid, SAS 130 and SAS 330 ceiling systems. Visic offers market-leading efficacy, up to 162 Llm/W. SunLike Technology is also a standard product choice. Allowing the health benefits of natural daylight, within an indoor environment



Light Technique:

- De-glaring front face, translucent back wings and glass effect side optics.
- Colour rendering index CRI > 80 or CRI > 90, as standard.
- Colour temperature 3000K and 4000K.
- SunLike LED Technology available as standard (see Page 2 for more information).
- 50,000 hour lifetime (L80 B10).

Luminaire Housing:

- Steel luminaire housing.
- Designed for T-Grid, SAS 130 and SAS 330 ceiling systems, as standard.
- Customised solution: Visic can be specially adapted to fit almost any ceiling system. Call our offices or speak to your WILA representative.
- Available with Air-handling capabilities as a customised solution.
- Finished in White RAL 9010.

Operating and Assembly Technology:

- Plug-and-play solution for easy toolless installation.
- Control protocol options include fixed output, DALI and Bluetooth wireless.

Luminaire Performance

- Two choices of light output ranging from 3095 to 3801 Llm.
- Incredible market-leading efficacy of up to 162 Llm/W.
- Available with integral emergency conversions. Manual test or DALI self-test.
- SunLike LED technology better mimics daylight by reducing low wavelength blue light and increasing the high wavelength blue light to replicate the Sun's light spectrum.
- Sunlight affect the human body biologically, psychologically and physically by regulating the human biorhythm. SunLike LED can replicate these benefits in an indoor environment.



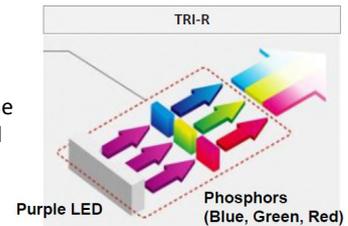
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SunLike Technology Explained

SunLike LED technology is artificial light as good as natural light. Offering the health benefits associated with natural light. Such as sleep patterns, mood, eye health. Suppression of Melatonin production has been linked to cancer, heart disease, diabetes and obesity.

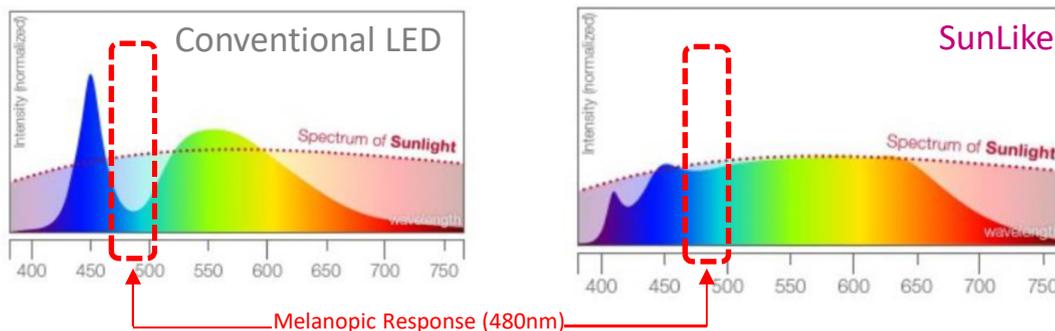
How does SunLike differ from conventional white LED technology?

Conventional LED is using a blue LED with phosphor creating various colour temperatures depending on the composition of the Phosphors used. SunLike is really showing almost the full spectrum of the sun – a conventional LED is not. SunLike is based on a purple chip and combination of TRI-R phosphors.



SunLike reduces the low wavelength blue light and increases the high wavelength blue light from ordinary lighting to replicate the Sun's light spectrum..

Like natural sunlight, SunLike technology encourages natural sleeping patterns at night, maintaining the level of melatonin secretion at lower wavelengths and keeps us awake during the day at higher wavelengths.



Why is our biological clock so important?

Our biological clock helps to regulate sleep patterns, feeding behaviour, hormone release, blood pressure and body temperature. Chronic misalignment between our lifestyle and the rhythm is associated with increased risk for various diseases.

How will this technology change what is visible to the human eye?

Objects lit by SunLike appear as they would be in sunlight. SunLike products faithfully reproduces all colours & textures of objects and even the pale intermediate colours are rendered faithfully.

How does the new technology enable us to see the same contrasts as sunlight?

How light interacts with objects affects the way that they appear to the human eye. The spectrum plays a key part in this. The strong blue light of a normal LED diffuses heavily with in a material's fibres, this weakens the contrast the human eye can perceive. TRI-R's spectrum is almost the same as sunlight, which enables us to see the same subtle contrasts. It lets us experience greater depth and perspective.

Is the new technology environmentally friendly? Does it use toxic materials?

All of the products are RoHS compliant. In addition LED technology is a big step forward as it has the potential to replace older technologies for near-sunlight; those technologies are far less energy-efficient. Therefore the SunLike products will help to reduce energy consumption in all those application areas.

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600x600mm T-Grid



1200x300mm SAS 330 (with Air-Handling)

Part Number Structure:

VIS - * M W ** - *** - * *

Output

- Low Output
- Medium Output

1
2

Colour Temperature

- 3000K CRI80
- 4000K CRI80
- 3000K CRI90
- 4000K CRI90
- 3000K SunLike
- 4000K SunLike
- Tunable White 2700-6500K

83
84
93
94
SL3
SL4
TW

Dimensions

- 595x595mm (T-Grid)
- 584x584mm (SAS 130 52mm "T")
- 584x584mm (SAS 130 44mm "T")
- 1199x299mm (SAS 330)

6TG
6S1352
6S1344
12S33

Controls

- Bluetooth (Wireless)
- DALI Dimmable
- Fixed Output

B
D
F

Emergency

- No Emergency
- 3 hour manual test
- 3 hour DALI Self-Test

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E
P

