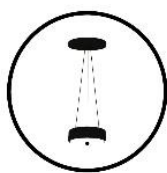




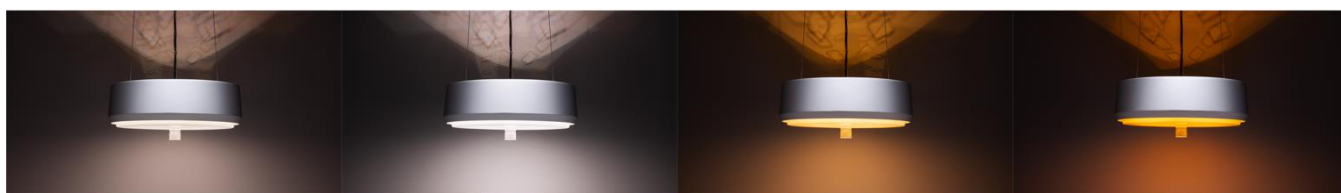
Sparckel, the light that makes you feel **alive**.



Sunny Susan

Sunny Susan hangs from elegant adjustable wires. Preferably it hangs at a height of 2 meters. This keeps the emitted light sufficiently strong and the control is always nearby. This control ring is located at the bottom of the diffuser. It is available in serene matte white or cool matte black.

Sunny Susan shows her healthy light in the form of a design lamp. It has six LED groups that are controlled by time. So there is a clock in it that 'tells' the LEDs when to emit the light. There is activating cold white light, normal warm white light and atmospheric amber light. In addition to being directly distributed, the light is also indirectly distributed via the ceiling. This improves light distribution, which is more pleasant for our eyes. The LEDs are high-quality and energy-efficient.



The dynamic daylight changes 'automatically' from a morning light, to an activating afternoon light to increasingly calm and atmospheric light in the evening.

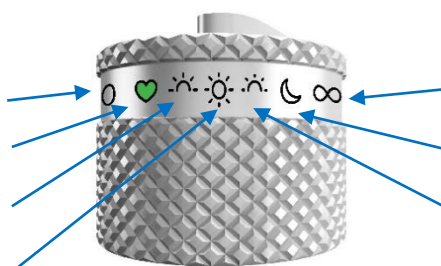
The electronic heart with LEDs



1. This translucent shield has a hole pattern for cooling. Together with the indirect light, this creates a sparkling pattern on the ceiling.
2. This aluminum hood makes Sparckel reliable because, there is an airflow that keeps the electronics cool.
3. Our print has LEDs shining upwards and downwards. Together to 6,500 lumens of serious LED power. With a total of six LED groups, there is a wide range of 6,500 to 1,800 Kelvin. All intelligence is Plug & Play integrated: through a correct cooperation of LED drivers, storage, microprocessor, clock function and software, light scenes play themselves automatically.
4. The high-end shielding has nanotechnology small spheres. These are interwoven in the 'milk-glass-like' plate. This breaks the light several times, which gives an optimal diffused light image. Pleasant and comfortable for our eyes.

The control ring

- Off
- Daylight rhythm (automatic)
- Activating morning light
- Activating afternoon light



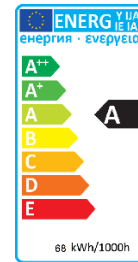
- Demonstration daylight rhythm
- Relaxing evening light
- Warm evening light



Technical data

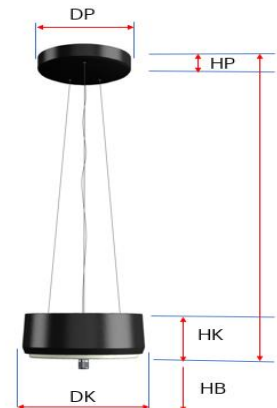
Electrical data

| Specification item | Value |
|---|-----------------|
| Input voltage power supply | 220-240 VAC |
| Output voltage power supply for luminaire | 24 VDC (3,75 A) |
| Frequency Range | 50/60 Hz |
| Power P luminaire | Max 76.2 Watt |
| Power Factor | 0.97 |
| EU 2013 Energy label classification | A |



Dimensional data

| Dimension | Mm |
|-----------------------------|----------------------|
| Length (L) | 400-1.500 |
| Diameter hood (DK) | 385 |
| Height hood (HK) | 110 |
| Ceiling cover diameter (DP) | 300 |
| Ceiling cover height (HP) | 60 |
| Control ring height (HB) | ceiling height - (L) |
| Weight incl. power supply | 8 kg |
| Advice height HB from floor | 1.950-2.000 |



Light data

| Specification item | Value |
|--|-----------------------------------|
| Color temperature range | 1.800 – 6.500 k |
| Beam angle | 360° |
| Luminous flux* | 5.450 Lumen (source 6.500 lumens) |
| Luminous efficacy* | 72 lm/W (Source 85 lm/W) |
| Light distribution indirect/direct | 0,35/0,65 |
| Color rendering index (CRI_Ra) | >95 (R9 > 85) |
| TM30-15 Rf | 90 |
| MDER (Melanopic Daylight Effect Ratio)** | 0.743 |

* measured output of luminaire, this is lower output than the source by using diffusers for visual comfort.

** MDER indicates how effective a lamp is in activating the human biological clock (so-called non-visual aspects of light) compared to daylight. The higher the MDER, the more the light source will activate the human biological clock at the same amount of photopic lux.

Light spectrum and diagram.

Eulumdat file available on www.sparckel.nl

