



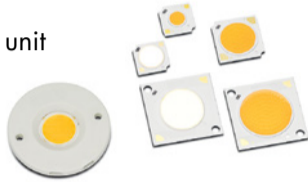
# NEW PRODUCT NEWS

MAY '19 | [WEB VERSION](#)

## LED modules – Comfort COB

- Extremely compact COB modules with **aluminium PCB**
- For versatile applications in residential, retail and industry lighting
- Highly efficient: up to 187 lm/W
- 5 different LES: Ø 6, 9, 14, 17, 20 mm
- Special colours: Food and Fashion
- Ready-to-Assemble variant: module + TIM + holder as one unit
- Long service life: 50,000 hrs.

 [Comfort COB](#)



## LEDspots – SmartLine & StartLine – 12 V DC

- New 12 V DC variant for easy parallel connection
- Elegant, simple design with rounded front part
- Degree of protection: IP40 (front part)
- CCT: 3000 K and 4000 K
- Lumen output: 140 lm
- Also available as constant-current variant



[SmartLine](#)



[StartLine](#)

## LEDspots Tiny – 12 V DC

- New 12 V DC variant for easy parallel connection
- Perfect for a brilliant effect on your shelves
- For cut-out: Ø 26 mm
- With white or silver frame
- Beam angle: 36°
- Lumen output: 100 lm
- Also available as constant-current variant



[Tiny](#)

## Evolve 111 LUGA Gen. 7

- Optimum replacement for AR111 lamps (HID)
- New lens for extra wide beam angle (60°/70°)
- Narrow colour tolerances: 2-step MacAdam
- CRI: Ra 85 (95 on request)
- Highly efficient: up to 177 lm/W



[Evolve 111 LUGA Gen. 7](#)

## LED Line SMD W2 – Gen. 4

- This generation of slim W2 modules is even more efficient than its predecessor: **up to 204 lm/W**
- 6 lengths: 140 / 280 / 560 / 700 / 750 / 1120 mm with Zhaga-compliant dimensions
- 3 different lumen packages: 700 lm / 1200 lm / 2100 lm
- CCT: 3000 K, 4000 K, 5000 K und 6500 K
- CRI: Ra > 80
- Push-in terminals, optional on top or bottom
- Long service life: 54,000 hrs. (L80/B10)

 [LED Line SMD W2](#)



## Optics for LED modules W2

- PMMA optics with efficiency of up to 93%
- 2 lengths: 280 / 560 mm
- 7 different beam angles: 110° / 90° / 60° / 30° / SYM 1 / SYM 2 / ASYM
- Available with single lenses or tunnel lenses
- Suitable for W2 modules with bottom terminals
- Very low colour temperature deviations over beam angle
- Extended luminous area: light emission over the entire surface of the optics

 [W2 optics](#)



## New holder and optics for ReadyLine COB – Ø 38 mm

- New holder for ReadyLine COB modules with Ø 38 mm
- The holder 568632 offers you the possibility to clip on our reflectors PLUS and Evolve 50 optics.
- Three beam angles each (reflector/optics): 20°/20°, 26°/28°, 40°/48°
- The ReadyLine COB modules are suitable for direct connection to the mains voltage, so there is no additional operating device required.
- Special version for US market (5 VA)

 [ReadyLine COB](#)



## LED FlatPanel Gen. 2 – DALI

- Flat light panel, square or linear, for installation in suspended ceilings or as pendant luminaire
- With external already connected LED driver for **analogue DALI dimming and with selectable output current via DIP switch**
- Standard and UGR19 variants
- CRI: Ra > 80
- Narrow colour tolerance: 3-step MacAdam



 [LED FlatPanel Gen. 2 – DALI](#)



For more information, please follow the links or give us a call. We're pleased to support you.

Your **VS Sales Team**