



LiveSpectrum[®]

LED fitting concept

The successful installation of the Mobilane LivePicture[®] and LivePanel[®] products partly depends on the local light situation. Plants normally grow in sunlight and use what we call the daylight spectrum. Not all locations where vertical vegetation is desirable have sufficient daylight. That is why Mobilane has developed LiveSpectrum, a light fitting that replaces the daylight function.

These LED fittings all have the full spectrum of colour rendering in the visible part and are available in various brightnesses. The LED fittings are suitable for integration in ceilings and are fitted with an energy-saving LED module with a very long life span. The LED fittings can also be dimmed for correct harmonisation of the desired brightness with the LivePicture and LivePanel products.

Features

Thermal management

LED temperature well under maximum.

LED

Light colour available in 3000K (warm white) or 4000K (natural white)

Excellent colour rendering for natural colours (CRI 90+)

Colour accuracy < 3 SDCM

High net light yield up to 70 lm/W

Life span of LED module a minimum of 50,000 hours (L70)

Driver

Power factor > 0.95 - Complies with IEC61000

Protected against overheating, overloading, 0-load and short circuit

Each fitting can be dimmed individually (1-10V)

Fitting

Light distribution beam 30° (LiveSpectrum 900 and 2100lm) or 40°

(LiveSpectrum 600lm)

LED module protected with glass

Fitting can be rotated and tilted

LiveSpectrum 900lm DIM 1-10 V 3000K CRI90+ 4000K CRI90+



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|-------------------------|----------------------------|----------------------------|
| Lumen flow LED module | 1100lm | 1100lm |
| Lumen flow fitting | 900lm | 900lm |
| Light distribution beam | 30° | 30° |
| System capacity | 13W | 13W |
| CRI | 90+ | 90+ |
| Colour temperature | 3000K (warm white) | 4000K (natural white) |
| Life span (L70) | 50.000 h | 50.000 h |
| Recess | Ø 110mm | Ø 110mm |
| Dimmable | 1-10V | 1-10V |
| Alternative for | 1x18/26W CFL / halogen 75W | 1x18/26W CFL / halogen 75W |
| Built-in height | 200 mm (160mm) | 200 mm (160mm) |

LiveSpectrum 2100lm DIM 1-10 V 3000K CRI90+ 4000K CRI90+



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|-------------------------|-----------------------|-----------------------|
| Lumen flow LED module | 2600lm | 2600lm |
| Lumen flow fitting | 2100lm | 2100lm |
| Light distribution beam | 30° | 30° |
| System capacity | 30W | 30W |
| CRI | 90+ | 90+ |
| Colour temperature | 3000K (warm white) | 4000K (natural white) |
| Life span (L70) | 50.000 h | 50.000 h |
| Recess | Ø 110mm | Ø 110mm |
| Dimmable | 1-10V | 1-10V |
| Alternative for | 2x26W CFL / CDM-T 35W | 2x26W CFL / CDM-T 35W |
| Built-in height | 200 mm (160mm) | 200 mm (160mm) |

LiveSpectrum 1500lm DIM 1-10 V Wallwasher 3000K CRI90+ 4000K CRI90+



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|-------------------------|--------------|--------------|
| Lumen flow LED module | 1900lm | 1900lm |
| Lumen flow fitting | 1500lm | 1500lm |
| Light distribution beam | Asymmetrical | Asymmetrical |
| System capacity | 26W | 26W |
| CRI | 90+ | 90+ |
| Colour temperature | 3000K | 4000K |
| Life span (L70) | 50.000 h | 50.000 h |
| Recess | Ø 150mm | Ø 150mm |
| Dimmable | 1-10V | 1-10V |
| Built-in height | 140mm | 140mm |

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