



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+



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+



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+



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

Mobilane B.V.

Broekweg 3, 3956 NE Leersum
 PO Box 2, 3956 ZR Leersum
 The Netherlands
 T: +31 (0) 343 42 08 65
 F: +31 (0) 343 47 79 39
 E: info@mobilane.nl
 I: www.mobilane.nl