



The LMH42 MKII LED module is characterised by its high energy efficient levels with a luminous efficacy of up to 125 (lm/W) at 2700K. The LMH module offers a high colour rendering ($R9 > 20$) and a good colour consistency throughout its lifespan.

The LED module is equipped with a regulated current source and has an input between 21~32VDC. This product is suitable for applications that require seamless LED lines where output and colour are important. A wide range of aluminium profiles and covers are available for this LED module.

Features

High lumen output
up to 1350 lumen

High CRI
85+

Long lifespan
50.000 hours

Technical specifications

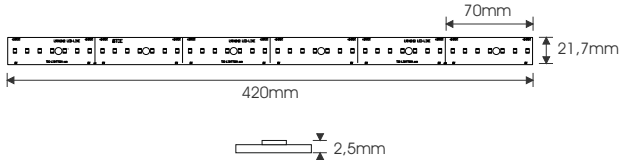
LED	Colour temperature:	2700K / 3000K / 3500K* / 4000K / 4500K* / 5000K / 6500K*
	Colour rendering:	RA > 85 / R9 > 0
	Colour variation:	3 MacAdam Ellipse
	Lumen output (2700K):	380 lumen (Low power) 925 lumen (Medium power) 1350 lumen (High power)
	LED's per module:	42
Power	Power:	24VDC
	Consumption:	2,8 Watt (Low power) 7,2 Watt (Medium power) 10,8 Watt (High power)
	Maximum length:	10 meter (L4242) 8 meter (M4242) 5 meter (H4242)
Miscellaneous	Lifespan:	> 50.000 hour L80 [10K]
	Module length:	420mm
	Cut length:	70mm
	Module width:	21,7mm
	Beam angle:	120°
	Certifications:	cMETus E114112





LMH42 MKII

Dimensions



Wiring

Use min 90°C supply conductors when connecting to the LMH42 LED modules.

A cable with 2 conductors is needed for the LMH42 LED module.

Only use power supplies which can deliver a constant dc-voltage between 21~24VDC.

Order Code

L4242.27 - L4242 LED module; 2700K; CRI85+; 380lm; 24VDC; 2,8W; 420mm
 L4242.30 - L4242 LED module; 3000K; CRI85+; 380lm; 24VDC; 2,8W; 420mm
 L4242.40 - L4242 LED module; 4000K; CRI85+; 380lm; 24VDC; 2,8W; 420mm

M4242.27 - M4242 LED module; 2700K; CRI85+; 925lm; 24VDC; 7,2W; 420mm
 M4242.30 - M4242 LED module; 3000K; CRI85+; 925lm; 24VDC; 7,2W; 420mm
 M4242.40 - M4242 LED module; 4000K; CRI85+; 925lm; 24VDC; 7,2W; 420mm

H4242.27 - H4242 LED module; 2700K; CRI85+; 1350lm; 24VDC; 10,8W; 420mm
 H4242.30 - H4242 LED module; 3000K; CRI85+; 1350lm; 24VDC; 10,8W; 420mm
 H4242.40 - H4242 LED module; 4000K; CRI85+; 1350lm; 24VDC; 10,8W; 420mm

Order Code Accessoires

LABFRM - led adapter board female single colour
 LABMRM - led adapter board male single colour

Solder connection

In addition to the connector connection, soldering may be used to connect to the led module. Both sides of the led module are designed with solder pads.

