

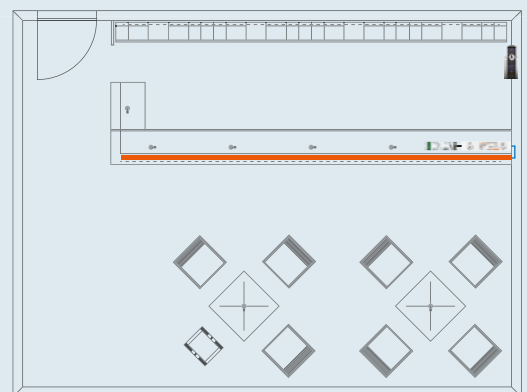
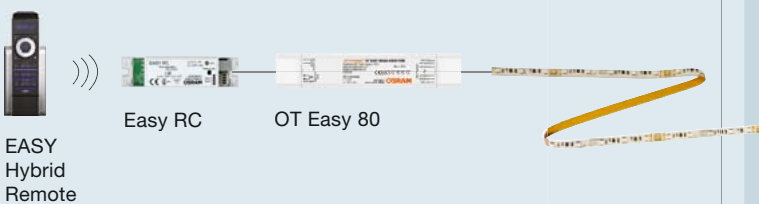
LMS made easy

Light management systems in practice: The step-by-step way to the right light.



From product selection to installation:
Sample application case "Bar"

Dimmable light, dynamic colored light, lighting scenes at the push of a button and much, much more: Using an intelligent light management system can open up a wide range of possibilities for your customer to create individual lighting designs. Such systems make a variety of lighting concepts available in any room using a compact set of components, which will be easily integrated using any of a range of installation variants. LMS installations appropriate to different applications and needs can be put together more easily than one might think.



Sample installation for bar lighting

Atmospheric feel thanks to variable RGB bar lighting

What does the owner want to do?

- Use lighting to create atmosphere and mood
- Lighting for a range of different occasions
- Ease of operation
- Automation functionalities – no excessive effort required in operation

What does the guest want?

- Atmospheric light
- Cozy atmosphere

The ideal solution: LMS for RGB bar lighting

The benefits of the recommended light management system

- High level of flexibility in lighting
- Color control possible
- Easy installation and commissioning
- Feature allowing lighting to be grouped*
- Easy, wireless operation using a central control element (e. g. remote control)

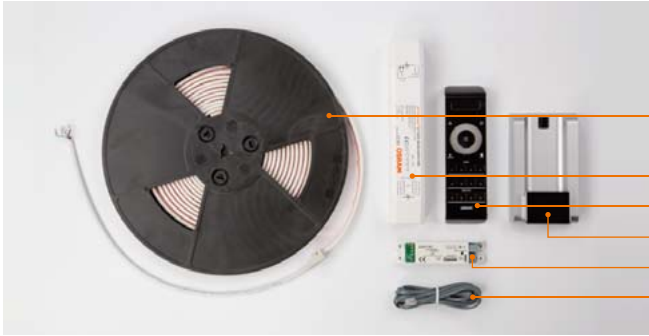
Ideal solution for RGB bar lighting

- **LINEARlight Colormix Flex ADVANCED LED strip:**
flexible, self-adhesive and cuttable LED strip multicolored LEDs: each LED contains a red, green and blue chip for the best possible color mixing, easy connection using the optional CONNECT system
- **OT EASY 80 control unit:**
Power 80W, distributable as desired to multiple channels. New control unit, developed especially for use with RGB LED modules – 4 PWM terminals, RGB(W) sequencing control for up to 4 different sequences, up to 16 different lighting scenes with fade times independently adjustable for each sequence, up to 16 static lighting scenes can be stored and retrieved. Housing with strain relief clamping for independent installation and integrated power supply for direct connection to 24-V LED modules, allowing up to 64 controllers to be connected, output voltage 24V
- **EASY Hybrid remote control:**
Easy-to-use radio remote control for easy wireless control and personalization of lighting – continuous color and brightness adjustment using a rotary wheel, can store up to 8 lighting scenes, 8 lighting groups and 4 sequences. Wall mounting included
- **EASY RC radio receiver:**
868.3 MHz radio receiver – suitable for 8 EASY Hybrid remote units, connection via 4-pole screw terminal or modular 4p4c plug-in connection
- **Extensions to the system:**
You can find a wide range of optional accessories such as touch panels and interfaces to DALI/DMX at www.osram.com/lms

* additional components required



Photo: Rainer Rehfeld



Products/part list

- [1] LED module: LINEARlight Colormix Flex Advanced
- [2] OT EASY 80 control unit
- [3] EASY Hybrid remote control
- [4] EASY Hybrid (wall mounting)
- [5] EASY RC radio receiver
- [6] Connection cable (included in EASY RC)



Installation of an OT Easy 80 behind the bar

Connecting the LINEARlight Colormix Flex Advanced continuous LED strip (4 m). Where longer strips are required, up to 64 OT EASY 80 can be connected together



Installation of the radio receiver into the network behind the counter, connecting the cable to the OT EASY 80



Connecting the mains power (at 230V~) to the OT EASY 80



Teaching the wireless remote control using the push button



Commissioning the LED module using the push button (no PC etc. required)

PRODUCT AND ORDER INFORMATION

Product description LED strip	Product number (EAN)	COLOUR	W	V	A		λ	lm	$\frac{l}{(mm)}$	$\frac{w}{(mm)}$	$\frac{h}{(mm)}$
LINEARlight Colormix Flex ADVANCED – LF05CA2	4008321851536	RGB	72	24	3	120	—	1883	4000	8	3
		Red	28.8	24	1.2	—	625	645	—	—	—
		Green	22	24	0.9	—	525	1025	—	—	—
		Blue	19.2	24	0.8	—	465	213	—	—	—

Product description Control unit	Product number (EAN)	CONTROL	W	IP	Appliance class	T _a	Hz	V	$\frac{l}{(mm)}$	$\frac{w}{(mm)}$	$\frac{h}{(mm)}$
OT EASY 80	4008321808363	EASY	80	IP20	II	-20...+50	50-60	220-240	245	46	44

Product description Remote control	Product number (EAN)	CONTROL		IP	Appliance class	COLOUR	$\frac{l}{(mm)}$	$\frac{w}{(mm)}$	$\frac{h}{(mm)}$	
EASY Hybrid remote	4008321421739	EASY	30	IP20	III	black	187	67	23	5

Product description Receiver	Product number (EAN)	CONTROL		IP	$\frac{l}{(mm)}$	$\frac{w}{(mm)}$	$\frac{h}{(mm)}$	
EASY RC	4008321421753	EASY	max.30	IP20	118	30	21	18

Product information and technical datasheets about the products to be used are available at:

www.osram.com/lms

www.osram.com/lms-easy

Application brochures containing other sample uses can be found at:

www.osram.com/hospitality

Tip: Take a look at our YouTube channel, where you will always find new installation videos:

www.youtube.com/osram

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