



Uniform illumination for slim, shallow box signs

Koledo Affinium LED posterbox modules (LPM300),
especially designed for shallow box signs

Uniform illumination for slim, shallow box signs

Koledo Affinium LED posterbox modules (LPM300) are designed to provide uniform, bright light output for slim, shallow box signs. They are especially suitable for creating stunning light effects offering 30% more light output, both indoors and outdoors. A shallower box sign means less material, less weight and reduced energy costs. The reliability of these waterproof posterbox modules ensures an excellent representation of corporate identity over the whole lifetime of the box sign.

Benefits for end users

- Optimal representation of corporate identity
- Savings in energy consumption
- Reduced maintenance costs
- 30% more light compared to LPM200 versions (for the cool white version).
- Available in neutral white (4000K) and cool white (6300K).

Benefits for signmakers

- Quick and easy installation
- Outdoor proof (IP66)
- Excellent white light intensity and uniformity
- Optimal for box signs as shallow as 5 cm
- Less material

Optimal representation of corporate identity

LPM300 enable you to mount uniformly illuminated and attention-grabbing signs with a bright light output. Their dedicated design makes them ideal for shallow box depths, where fluorescents can't be used. They will ensure your box sign stands out from the crowd, even on the busiest high street.

Savings in energy consumption

Savings in energy consumption are substantial. The LPM300 13 W provides an energy reduction of at least 50% compared to a traditional fluorescent lamp of 36 W. That's good for your customers and the environment.

Reduced maintenance costs

As well as immediate energy savings, the high reliability and long lifetime also lead to savings in maintenance costs. Both the Koledo Affinium LED posterbox modules and the drivers are maintenance-free for up to 50,000 hours, whereas conventional systems often need replacing after just 20,000 hours.

Quick and easy installation

With the LPM300 you can experience all the benefits of the Koledo posterbox range. They are intended for side mounting, but the light is visible at the front. Thanks to special connectors, these posterbox modules are easy to install inside flat, slim or shallow box signs, saving you time and money. The system operates at 24 V, making it safe to install.

Outdoor proof

The Koledo Affinium LED posterbox modules, all drivers and connectors are fully outdoor proof and have an IP66 rating, ensuring high reliability. What's more, a Koledo LPM300 always starts instantly, even at temperatures as low as -20 °C.

Excellent white light intensity and uniformity

The LPM300 sets new standards for high quality rectangular box signs or box displays. Aluminium profiles wash light across your displays using a new Philips patent pending technology that makes optimal use of the light by re-cycling it in the box. The result is a uniform light without the stripes usually associated with fluorescent tubes.

Guaranteed performance

When you install Koledo Affinium LED posterbox modules, you have peace of mind with our three-year performance guarantee. This ensures high customer satisfaction together with low service call rates. For more information about our guarantee visit www.koledo.eu

Why choose Koledo Affinium LED posterbox modules (LPM300)?

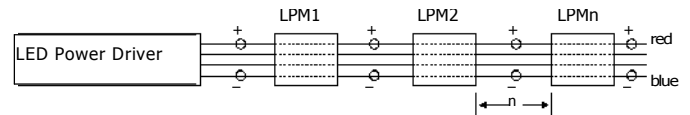
- Ideal for slim, shallow box signs
- A shallow box means less material and weight
- Savings in energy and maintenance costs
- Easy to install
- Reliable, high-quality brand presentation for your customers
- Three-year guarantee on the complete system

Specification

Product	LED power Driver		Colour rendering index		Colour temp. Kelvin	Typical Lumen output @ Ta 25°C	Beam nr. intensity per module	of LEDs / pitch between LEDs	Power maximum	Ingress protection	Case temp. max @ Ta 60°C	Ambient temp. range
	W		CRI	K	lm	cd	pcs / mm	W	IP	°C	°C	
Affinium LPM 8W 6300K 325mm(12.8") 300	20 / 60 / 100		73±6	6300	420	3000	3 / 120	9	66	80	- 20 / 60	
Affinium LPM 13W 6300K 565mm(22.2") 300	20 / 60 / 100		73±6	6300	700	5000	5 / 120	14	66	80	- 20 / 60	
Affinium LPM 8W 4000K 325mm(12.8") 300	20 / 60 / 100		85±5	4000	315	2400	3 / 120	9	66	80	-20 / 60	
Affinium LPM 13W 4000K 565mm(22.2") 300	20 / 60 / 100		85±5	4000	525	3900	5 / 120	14	66	80	-20 / 60	

Maximum number of Affinium LED posterbox modules 300 to be connected to a LED power driver:

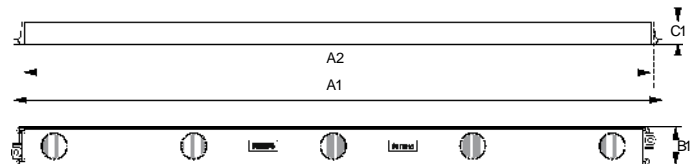
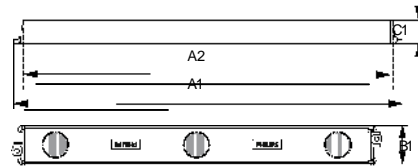
LED power driver	LPM 8W 325mm	LPM 13W 565mm
20W	2	1
60W	7	4
100W	11	7



You can find information on extended cable lengths between drivers and LED strings in the technical application and installation manuals.

Dimensions (mm)

	A1	A2	B1	C1
Affinium LPM 8W 300	323	313	33	19.5
Affinium LPM 13W 300	563	553	33	19.5



Luchthavenweg 13A
5657 EA Eindhoven
The Netherlands

T +31 (0)40 235 01 12
F +31 (0)40 235 01 56

KOLEDO
LED SYSTEMS

Ordering data

Product	Box packaging Qty	Ordering code (EOC)
Affinium LPM 8W 6300K 325mm(12.8") 300	10	8727900 858075 00
Affinium LPM 13W 6300K 565mm(22.2") 300	10	8727900 858105 00
Affinium LPM 8W 4000K 325mm(12.8") 300	10	8727900 897753 00
Affinium LPM 13W 4000K 565mm(22.2") 300	10	8727900 897760 00

Accessories	Box packaging Qty	Ordering code (EOC)
LS Connector Xtend+LS Applicator Tool ¹	10 pcs/1 pc	8711559 763972 30
LS HP Connector End Cap	10 pcs	8727900 805932 00
LS HP Cable 4xAWG24	50 mtr	8727900 805901 00
LPM mounting tape ²	1 reel of 3 meters	8711559 765600 00
LS connector Tool ³	1 pc	8711559 765686 00

¹ In each box of LS Connector Xtend an applicator is included to connect the posterbox modules and driver.

² The use of self-adhesive tapes has been tested for stainless steel, aluminium and PMMA (polymethylmethacrylate).

If other materials or coatings are used, please ensure that these are compatible with the adhesive tape.

³ This tool can be ordered when many posterbox modules have to be connected (for small quantities you can use the LS Applicator Tool).

Koledo LED power driver (IP 66)	Box packaging Qty	Ordering code (EOC)
20W-24V 100-240V	10	8711500 911940 30
60W-24V 100-240V	10	8711500 911469 30
100W-24V 100-240V	10	8711500 911964 30

LED Power Drivers are advised for indoor and outdoor use (IP66). In the USA, Xitanium outdoor LED drivers can be applied.

Your distributor or local Koledo Advance office can provide more detailed information.

3M Accessories

3M Tissues	available from supplier 3M at www.3m.com
VHBTM Cleaner	available from supplier 3M at www.3m.com

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication there of does not convey nor imply any license under patent- or other industrial or intellectual property rights.

12/2009

Data subject to change.

Luchthavenweg 13A
5657 EA Eindhoven
The Netherlands

T +31 (0)40 235 01 12
F +31 (0)40 235 01 56

*Developed and manufactured
using Philips technology*

KOLEDO
LED SYSTEMS