

# A new way to illuminate box signs

G-NOR KE LED posterbox modules



- New LED based solution for box signs
- Why?
  - perfect images
    - uniform & bright light without zebra-effect
  - low energy consumption (reduction > 50% !!)
  - easy to install
  - less maintenance
- How?
  - LED's with special optics
  - patented light effect in box (patent pending)
  - 'light recycling' in the box





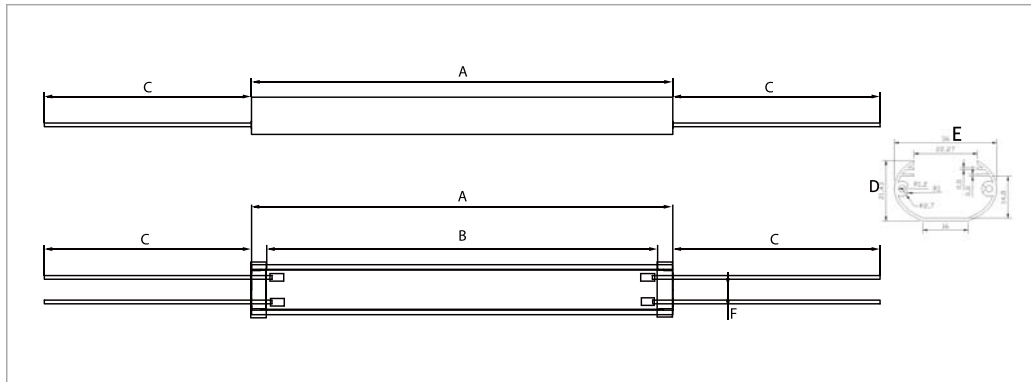
GNL-KE1W-3CW-WP OR GNL-KE3W-3CW-WP



GNL-KE1W-6CW-WP OR GNL-KE3W-6CW-WP

## Dimensions

G-NOR LED posterbox module	A	B	C	D	E	F
KE SERIES						
GNL-KE1W-3CW-WP OR GNL-KE3W-3CW-WP	12"	10.8"	11.1"	1.4"	0.84"	0.18"
GNL-KE1W-6CW-WP OR GNL-KE3W-6CW-WP	24"	22.8"	23"	1.4"	0.84"	0.18"

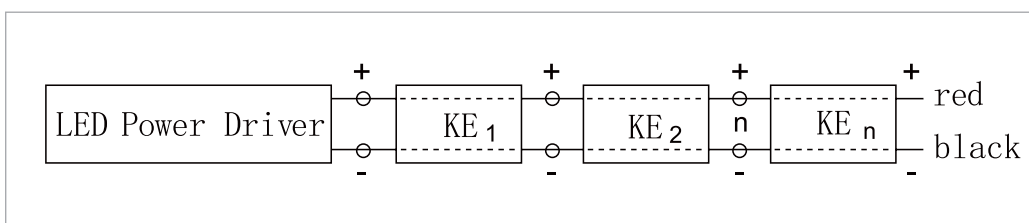


## Specification

G-NOR LED posterbox module	Voltage	Lifetime	Color temperature	Beam angle	Ingress protection	Lumen output	No. of LEDs	Wattage
KE SERIES								
GNL-KE1W-3CW-WP	12V	50,000 Hrs	6300 +/- 700	120°	IP66	160lm	3	3W
GNL-KE1W-6CW-WP	12V	50,000 Hrs	6300 +/- 700	120°	IP66	320lm	6	6W
GNL-KE3W-3CW-WP	12V	50,000 Hrs	6300 +/- 700	120°	IP66	420lm	3	8W
GNL-KE3W-6CW-WP	12V	50,000 Hrs	6300 +/- 700	120°	IP66	800lm	6	15W

### Maximum number of modules to be connected to LED Power Driver

LED Power Driver	KE-3W 12"	KE-6W 24"	KE-8W 12"	KE-15W 24"
30W	10	5	3	2
60W	20	10	7	4
150W	50	25	18	10

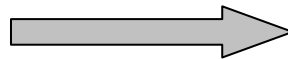


## Easy to read signs with high attention value

uniform lighting without "zebra" effect

TL solution

G-NOR KE LED posterbox module

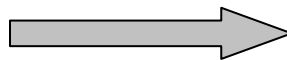


## Energy saving TL vs LED's

average saving > 50%

TL solution

G-NOR KE LED posterbox module

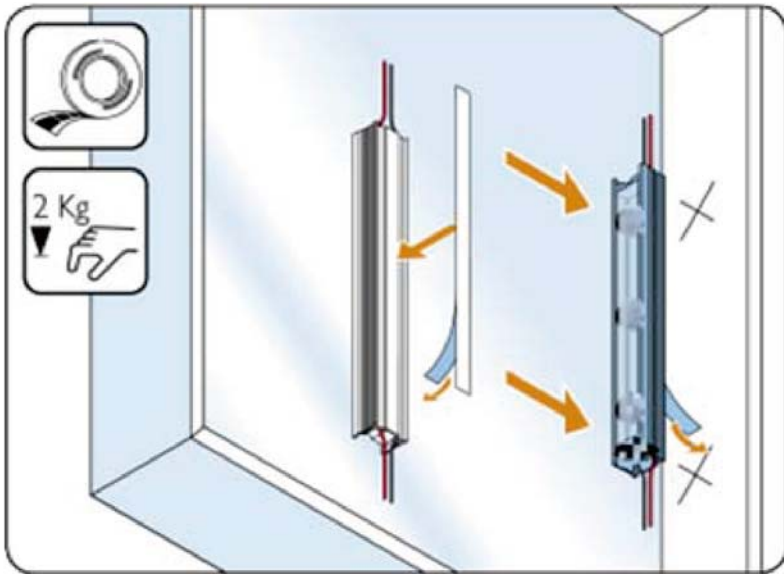


3 fluorescent tubes  
3 x 36 Watt = 108 Watt

6 KE-8W modules  
6 x 8 Watt = 48 Watt

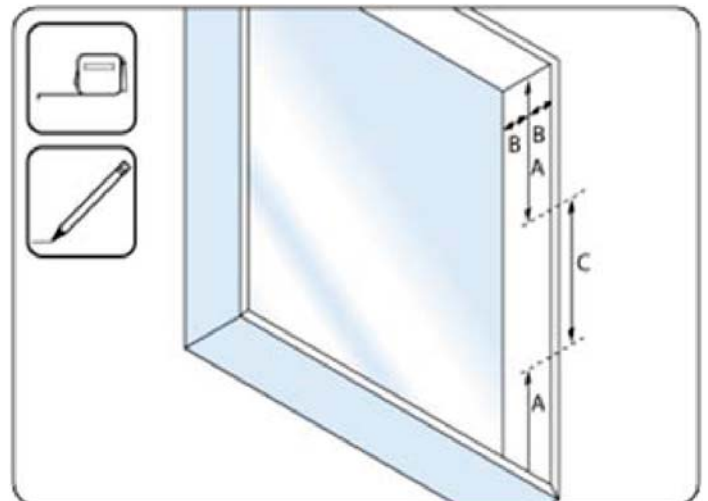
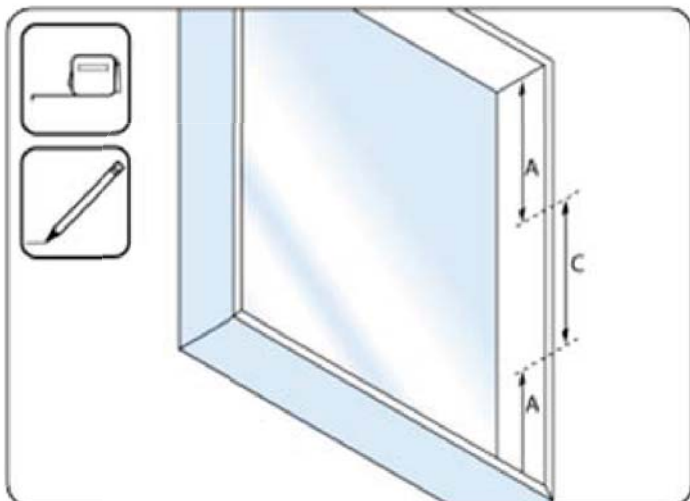
## G-NOR KE LED posterbox module

### Installation instructions



Mounting with tapes

### Installation instructions: double sided vs single sided



The proposal

Final result.....

