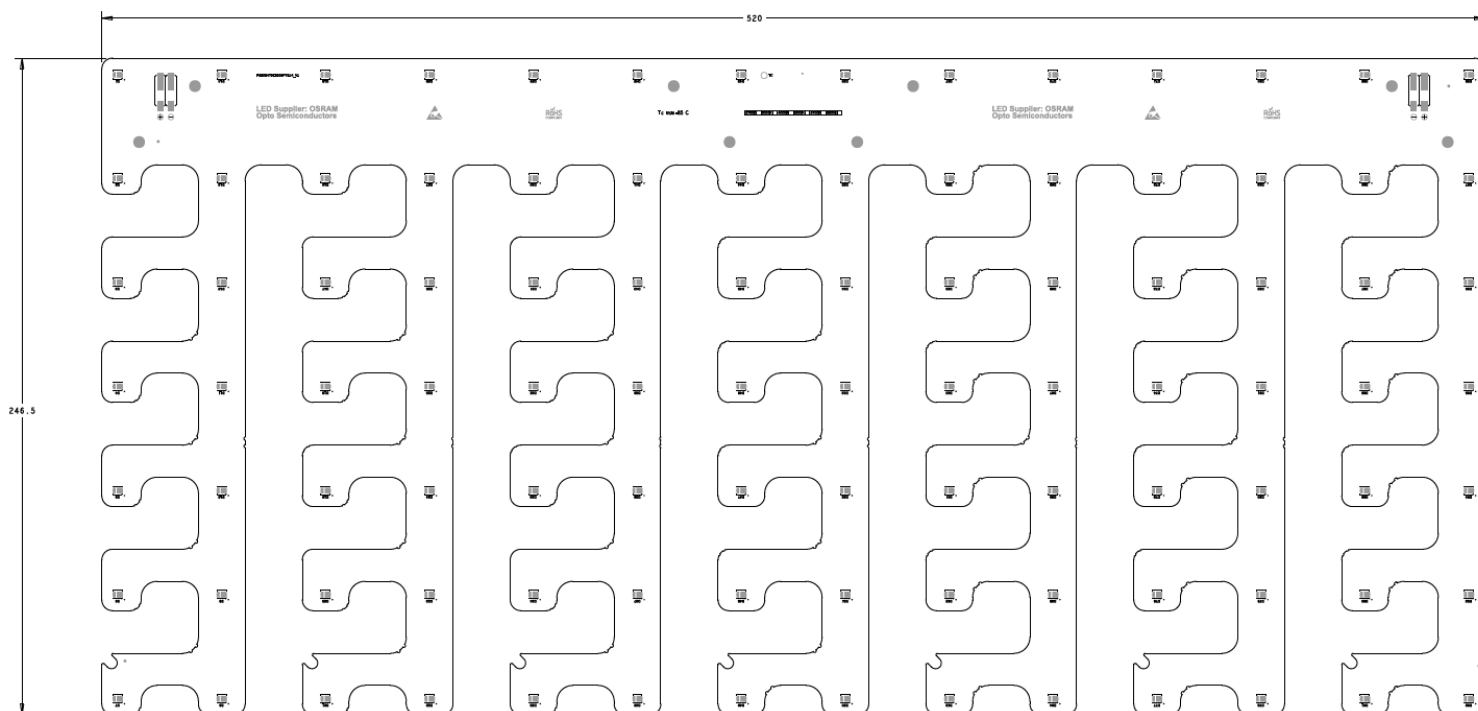




Product description

- Finger LED board
- LED case: 2.8 mm x 3.5mm
- Viewing angle: 120°
- IEC62471 Biological Eye Safety Test Report
- Thermal resistance (typ.) : 15 K/W
- Constant colour binning
- Constant voltage binning
- LM80 test report
- Suitable for linear illumination
- Low energy consumption, high efficacy and long life
- Integrated current source to stabilize
- Homogeneous illumination
- 5 years warranty
- Colour tolerance (MacAdam 5)
- Efficacy of the module 141.5lm/W (6500K @400mA)

Product Code Ürün kodu	Color Temperature ¹	Total number of LEDs	Number of parallel strings	Number of LEDs per string	Luminous Flux @ ts = 25 °C (lm)		Luminous Flux @ ts = 45 °C (lm)		Min.Forward Voltage @ ts = 65 °C (V)	Max. forward Voltage @ ts = 25 °C (V)	Max.Power consumption (W)	Colour rendering index (CRI)
Operating mode at 350mA constant current												
FNG-CM1-520X247-D28X98-30	3000K	98	7	14	2151	2519	2099	2459	42,3	43,26	12,98	≥80
FNG-CM1-520X247-D28X98-40	4000K	98	7	14	2151	2519	2099	2459	42,3	43,26	12,98	≥80
FNG-CM1-520X247-D28X98-65	6500K	98	7	14	2151	2519	2099	2459	42,3	43,26	12,98	≥80
Operating mode at 400mA constant current												
FNG-CM1-520X247-D28X98-30	3000K	98	7	14	2420	2835	2362	2767	42,3	43,26	17,30	≥80
FNG-CM1-520X247-D28X98-40	4000K	98	7	14	2420	2835	2362	2767	42,3	43,26	17,30	≥80
FNG-CM1-520X247-D28X98-65	6500K	98	7	14	2420	2835	2362	2767	42,3	43,26	17,30	≥80
Operating mode at 500 mA constant current												
FNG-CM1-520X247-D28X98-30	3000K	98	7	14	2958	3465	2887	3382	42,3	43,26	21,63	≥80
FNG-CM1-520X247-D28X98-40	4000K	98	7	14	2958	3465	2887	3382	42,3	43,26	21,63	≥80
FNG-CM1-520X247-D28X98-65	6500K	98	7	14	2958	3465	2887	3382	42,3	43,26	21,63	≥80

3000K : GW JTLMS1.EM-GVH2-XX57

4000K : GW JTLMS1.EM-GVH2-XX55

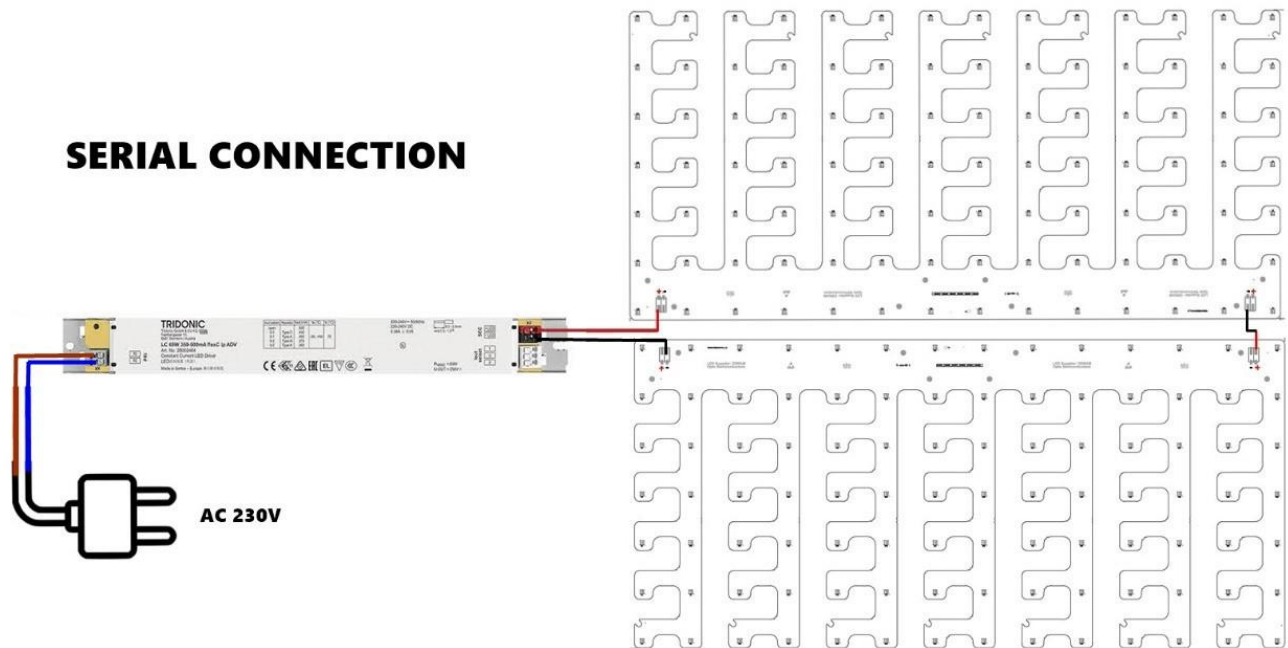
6500K; GW JTLMS1.EM-GVH2-XX51

Mechanical properties

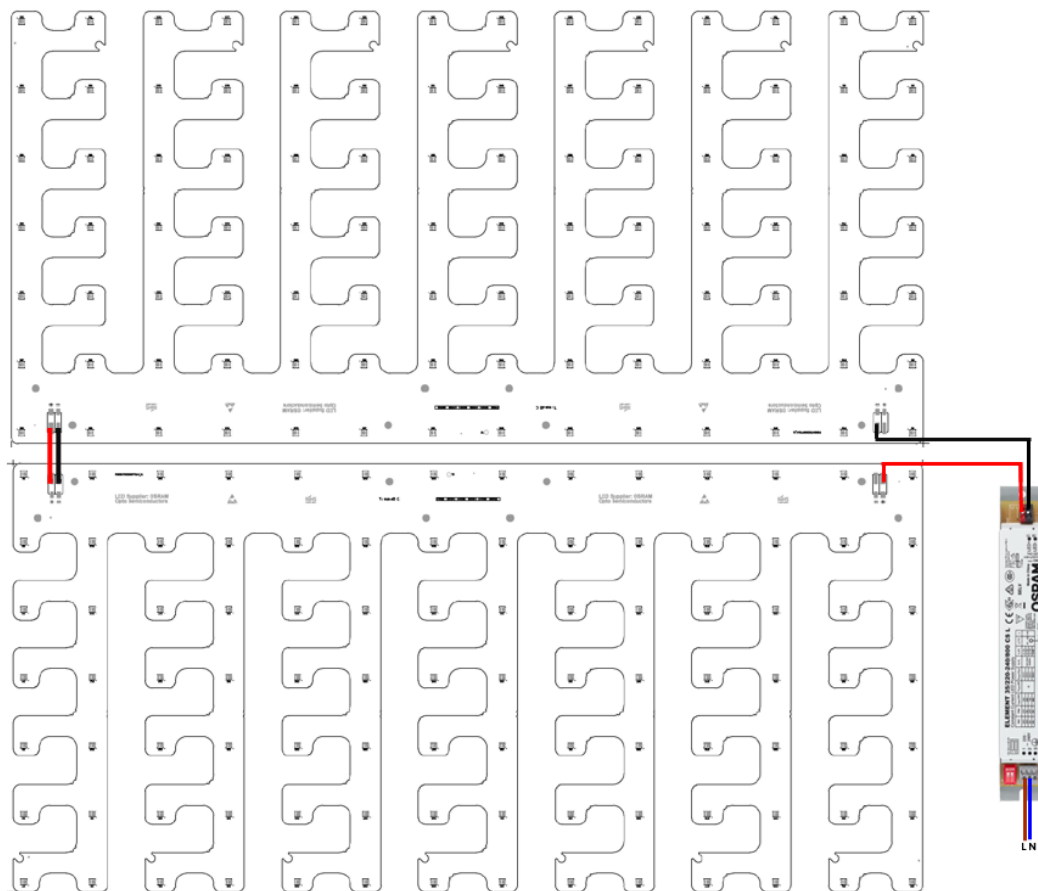
Module dimension 520 x 246.5 mm

Simple installation (e.g. screws)

Technical Drawing



PARALLEL CONNECTION



For 2 Modules Photometric characteristics

Luminous Flux(380-780nm):5186.3lm Power: P=36.65W CCT: 6500K Operation Current :400mA

SDCM: 4.9 SDCM

