

# EKO-LED

polski producent oświetlenia LED

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# ML-560-20-96D-CC-2835-AL

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**EKO-LED**

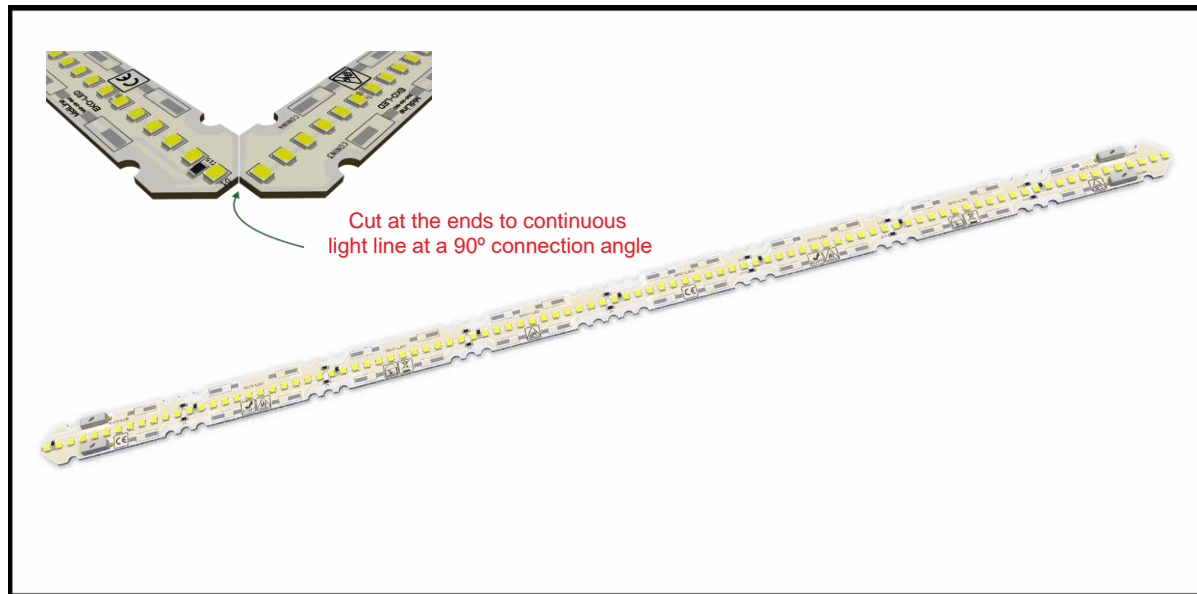
Brzeziński, Kozicki sp.j.

Osiedlowa 60  
05-509 Józefostaw

tel. 508-561-379  
NIP 123-125-16-65

[www.eko-led.com.pl](http://www.eko-led.com.pl)

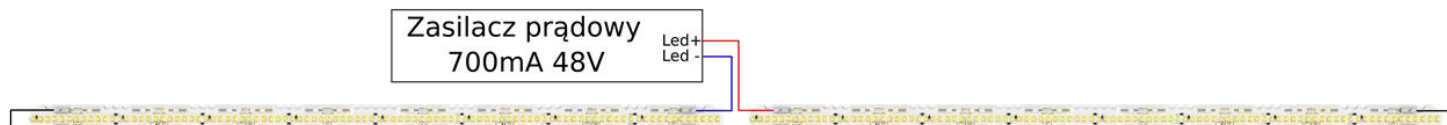
### Basic parameters



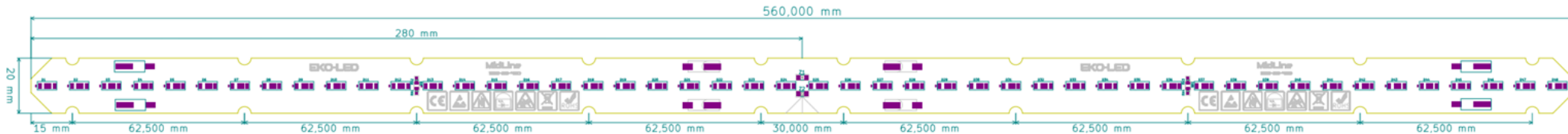
Technical specifications:	
Control current[mA]	100-1050
Voltage drop[V]	24   48
Power[W]	2,4-25
Luminous flux[lm]	350-5040
LED	2835
Beam angle[°]	120
LED quantity[pcs]	24-96
Temperature range[K]	2700-6500
LED line dimensions [mm]	560x20
LED line length [mm]	70
Thickness[mm]	1
Product life[h]	50000
IP	IP20
CRI	>80

### Connection diagrams

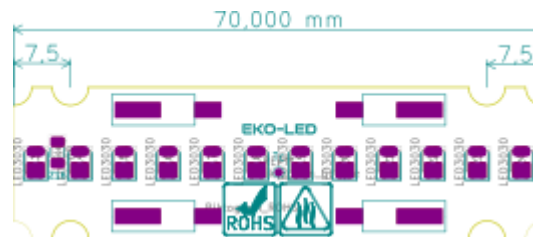
Zasilacz prądowy = power supply



### Dimensions



### Dimensions – modules inside



#### Parameters ML-560-20-96D-CC-2835-AL-96-24-840-000

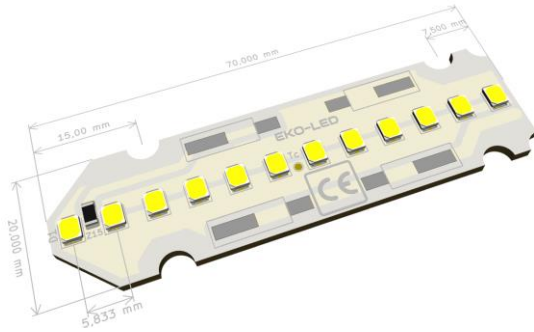


Illustration drawing

LED quantity[pcs]	96				
Control current[mA]	1050	700	350	175	100
Voltage drop[V]	24				
Power [W]	25,2	16,8	8,4	4,2	2,4
Luminous flux [lm]	3630,72	2459,52	1346,88	819,84	409,92
LED line length[mm]	560				
LED line width[mm]	20				
Number of modules[pcs]	8				
Division [mm]	70				
LED louvre[mm]	5,83				
Number of LEDs on the module	12				

### Parameters ML-560-20-96D-CC-2835-AL-96-48-840-000

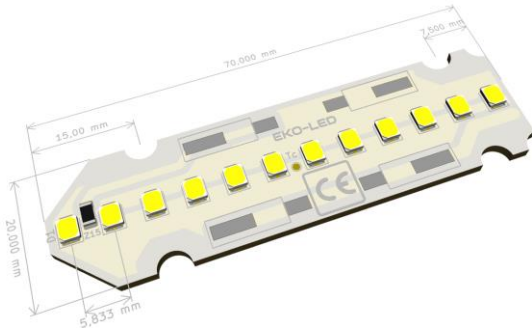


Illustration drawing

LED quantity[pcs]	96			
Control current[mA]	700	350	175	100
Voltage drop[V]	48			
Power [W]	33,6	16,8	8,4	4,2
Luminous flux [lm]	5404	2750	1680	840
LED line length[mm]	560			
LED line width[mm]	20			
Number of modules[pcs]	8			
Division [mm]	70			
LED louvre[mm]	5,83			
Number of LEDs on the module	12			

### Parameters ML-560-20-96D-CC-2835-AL-48-24-840-000

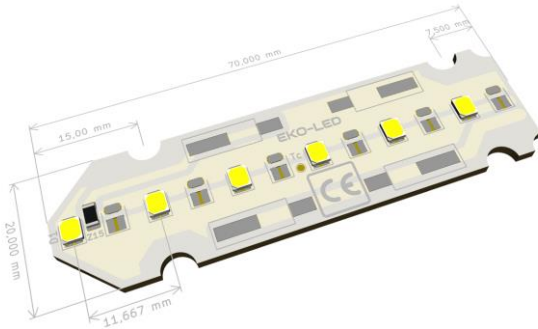


Illustration drawing

LED quantity[pcs]	48			
Control current[mA]	700	350	175	100
Voltage drop[V]	24			
Power [W]	16,8	8,4	4,2	2,4
Luminous flux [lm]	2137	1230	675	380
LED line length[mm]	560			
LED line width[mm]	20			
Number of modules[pcs]	8			
Division [mm]	70			
LED louvre[mm]	11,67			
Number of LEDs on the module	6			

### Parameters ML-560-20-96D-CC-2835-AL-48-48-840-000

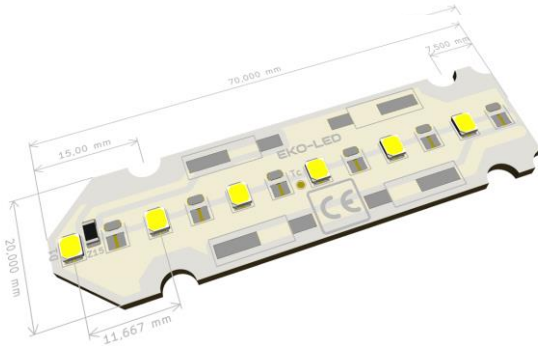


Illustration drawing

LED quantity[pcs]	48		
Control current[mA]	350	175	100
Voltage drop[V]	48		
Power [W]	16,8	8,4	4,2
Luminous flux [lm]	2520	1380	780
LED line length[mm]	560		
LED line width[mm]	20		
Number of modules[pcs]	8		
Division [mm]	70		
LED louvre[mm]	11,67		
Number of LEDs on the module	6		



#### Parameters ML-560-20-96D-CC-2835-AL-32-24-840-000

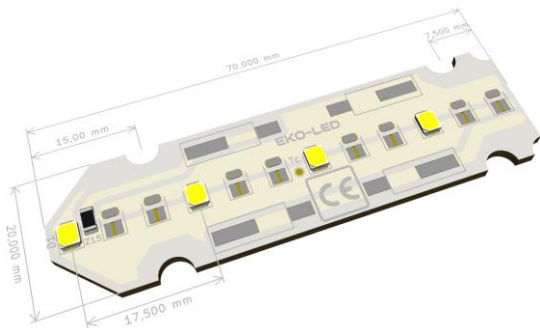


Illustration drawing

LED quantity[pcs]	32		
Control current[mA]	350	175	100
Voltage drop[V]	24		
Power [W]	8,4	4,2	2,4
Luminous flux [lm]	1210	680	350
LED line length[mm]	560		
LED line width[mm]	20		
Number of modules[pcs]	8		
Division [mm]	70		
LED louvre[mm]	17,50		
Number of LEDs on the module	4		

#### Parameters ML-560-20-96D-CC-2835-AL-32-48-840-000

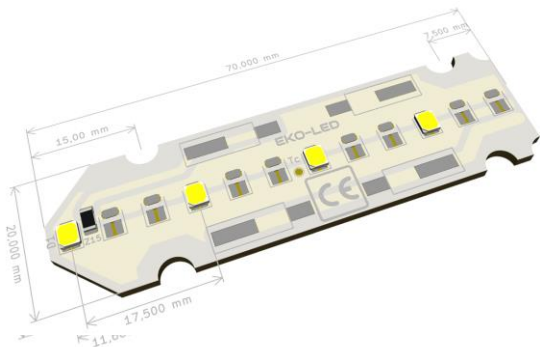


Illustration drawing

LED quantity[pcs]	32		
Control current[mA]	350	175	100
Voltage drop[V]	48		
Power [W]	16,8	8,4	4,2
Luminous flux [lm]	2480	1400	720
LED line length[mm]	560		
LED line width[mm]	20		
Number of modules[pcs]	8		
Division [mm]	70		
LED louvre[mm]	17,50		
Number of LEDs on the module	4		

### Parameters ML-560-20-96D-CC-2835-AL-24-24-840-000

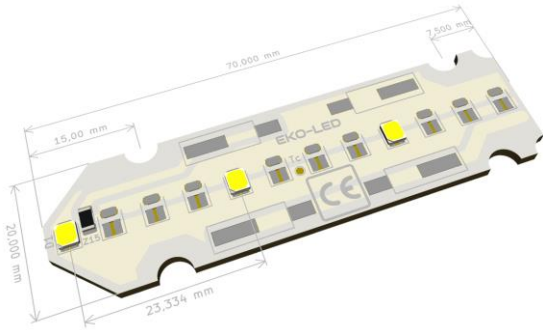


Illustration drawing

LED quantity[pcs]	24	
Control current[mA]	175	100
Voltage drop[V]	24	
Power [W]	4,2	2,4
Luminous flux [lm]	615	350
LED line length[mm]	560	
LED line width[mm]	20	
Number of modules[pcs]	8	
Division [mm]	70	
LED louvre[mm]	23,33	
Number of LEDs on the module	3	

#### Parameters ML-560-20-96D-CC-2835-AL-24-48-840-000

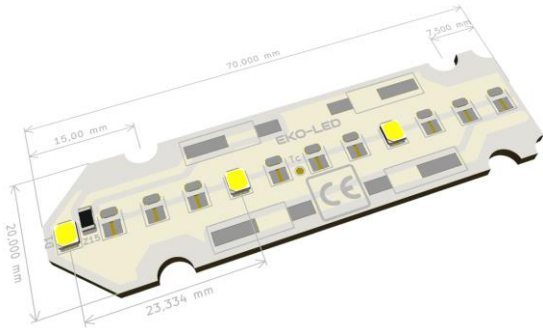


Illustration drawing

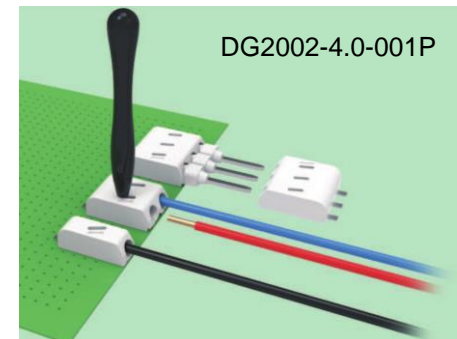
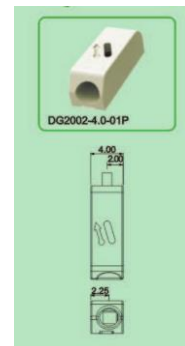
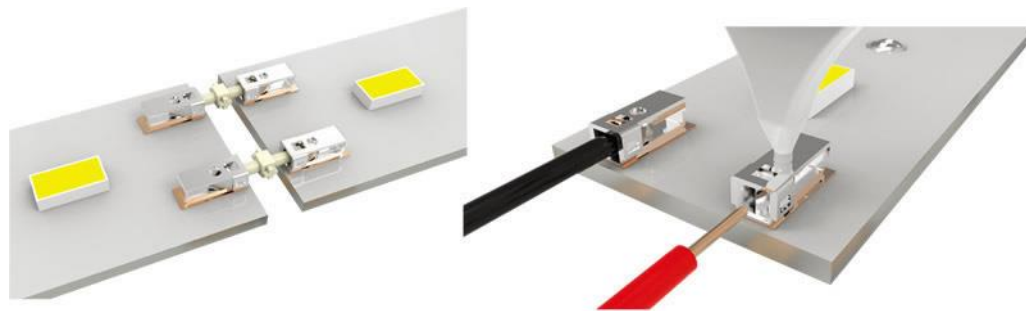
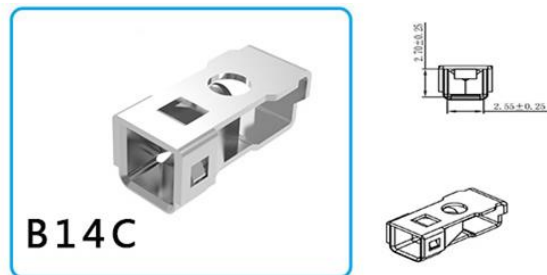
LED quantity[pcs]	24	
Control current[mA]	175	100
Voltage drop[V]	48	
Power [W]	8,4	4,2
Luminous flux [lm]	1400	720
LED line length[mm]	560	
LED line width[mm]	20	
Number of modules[pcs]	8	
Division [mm]	70	
LED louvre[mm]	23,33	
Number of LEDs on the module	3	

### Connections:

Pitch: Poles: 1P

#### Approval

Standard	IEC	UL
Voltage	250V	300V
Current	9A	9A
Wire size	0.2-0.75mm <sup>2</sup>	AWG24-18
Poles	1P	



IEC技术参数 (datasheet)		UL技术参数 (datasheet)	
电压(V) Rated voltage	电流(A) Rated current	电压(V) Rated voltage	电流(A) Rated current
160V	9A	300V	9A

型号/Model	线数/Poles	用途/Application field	图片/Figure
DG027-4.0	1P/2P/3P	导通件/Bridge accessories	
DG028	1P	取线工具/Tool	

Product symbol:

ML-560-20-96D-CC-2835-AL-

**LED quantity:**

96 – 96 LEDs on module, louvre 5,83mm  
48 – 48 LEDs on module, louvre 11,67mm  
32 – 32 LEDs on module, louvre 17,5mm  
24 – 24 LEDs on module, louvre 23,33mm

**Voltage drop:**

24 – 24V – 3V on module  
48 – 48V – 6V on module

**Color rendering:**

8 – CRI > 80  
9 – CRI > 90

**Number of connections/model:**

000 – lack – solder connections  
xx – numer of connections  
xxD – connector DG2002  
xxB – connector B14C  
np.:  
04B – 4x B14C at the ends

**White temperature:**

27 – 2700K  
30 – 3000K  
40 – 4000K  
65 – 6500K  
90 – 9000K  
10 – 10000K  
12 – 12000K

### Application examples:

- LED profiles
- building facade lighting
- lamps for illuminating pictures
- patio lighting
- store shelves lighting
- kitchen lighting
- walls lighting
- lighting of building cornices
- edge lighting
- linear lighting