ProLED-3W-CC220

MW LIGHTING

Professional Led Modules; **10-20cm** *3D letters, lightboxes*

■ Features:

- *luminous efficacy 170 lm/W*
- *for indoor and outdoor use*
- *20 pcs in chain*

UK CA

CE

24V DC	1.08W	175°	IP 67	184 lm	7 YEARS WARRANTY	50000h	PWM

TECHNICAL DETAILS

MODEL	ProLED24-3W-CC220
Supply voltage	24V DC
Power consumption per module	1.08W
Chain power consumption	21.6W
Current consumption per module	45mA
LED diodes	LumiLEDS - 2835
Quantity of LEDs	3
Light color	White (~6500K)
Luminous flux	184lm
Luminous flux density	170lm/W
Color rendering index - CRI	≥70
Beam angle	175°
Current stabilization	No
Dimming	Yes
Module dimensions (L x W x H)	74.1 x 16 x 11mm
Cable length	150mm
Number of modules in 1m	4.5
Box weight	18kg
Packing	Chain – 20pcs / Bag – 100pcs / Box – 1200pcs
Montage	Adhesive tape / mounting screw
Lifetime	L70B50 > 50000h
Working temperature	-25°C ÷ 60°C
IP protection	IP67
Warranty	7 years

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Dimensions

16

220.0mm

74.1

10.98
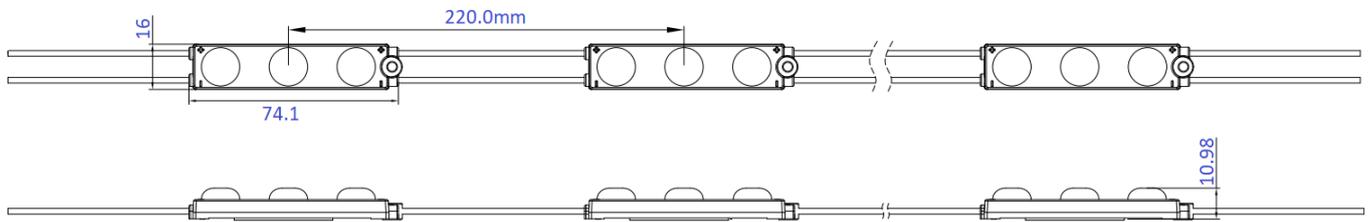
Connection diagram

One-side power input:

12V

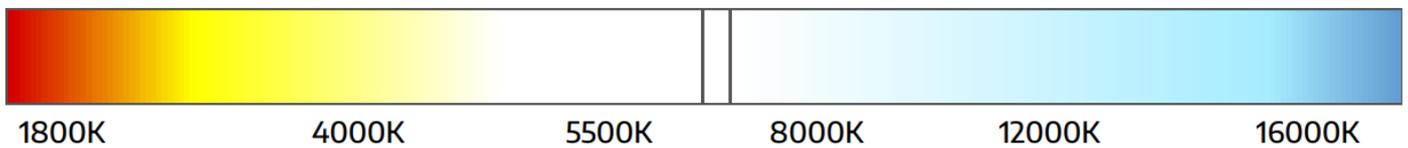*Two-side power input:*

12V

Maximum number of modules 20 pcs

Maximum number of modules 40 pcs

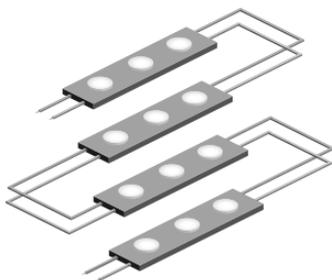It is acceptable to connect multiple chains in parallel, as long as the power supply provides sufficient power

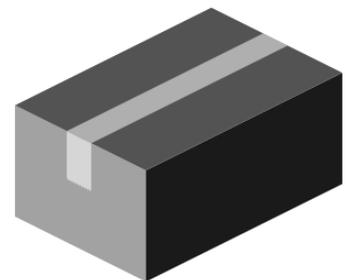## Light color / CCT

Light color

White (~6500K)

1800K　4000K　5500K　8000K　12000K　16000K

Packing

Chain
20 pcs

Bag
100 pcs

Box
1200 pcs

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Energy label / Beam angle

ENERG

MW LIGHTING

ProLED-3W-CC220 v.2

A
B
C
D
E
F
G

D

2 kWh/1000h

2019/2015

Application

LED module

P (spacing)

D (depth)

D - depth of 3D letters, lightbox
P - module spacing
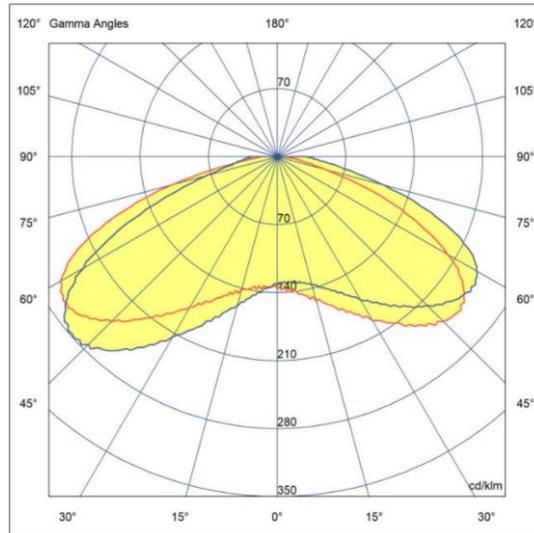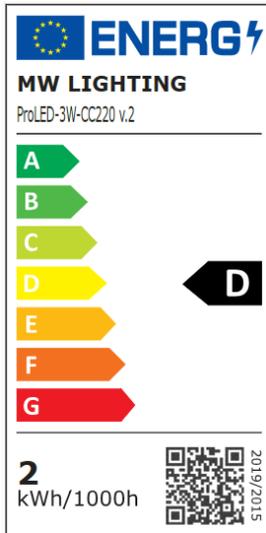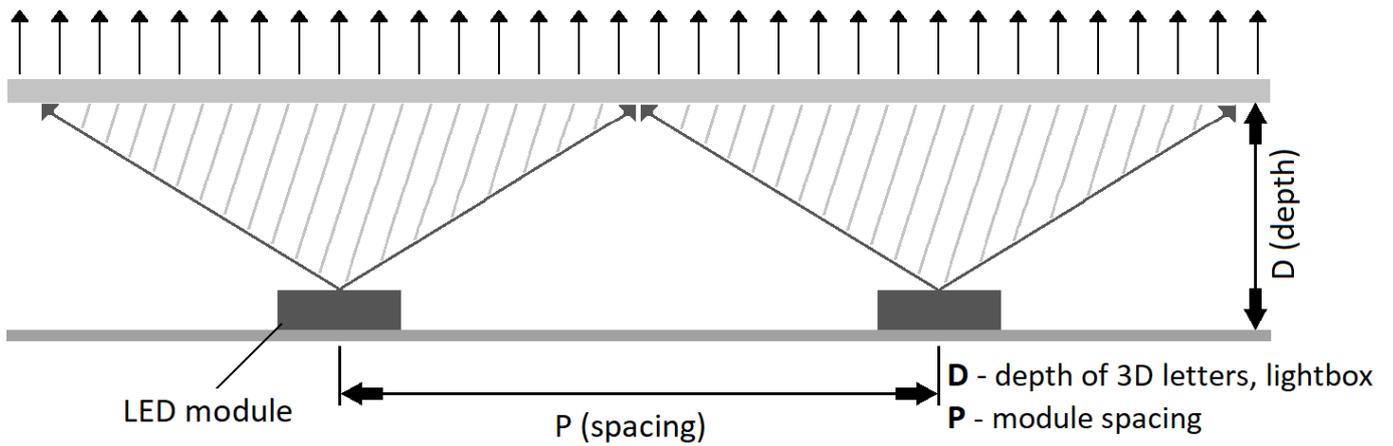
optical performance proportion = $\frac{D}{P}$ = 1 : 1.3

Overall micro lens design can improve the lens uniformity performance.