

ProLED24-3X-CC220



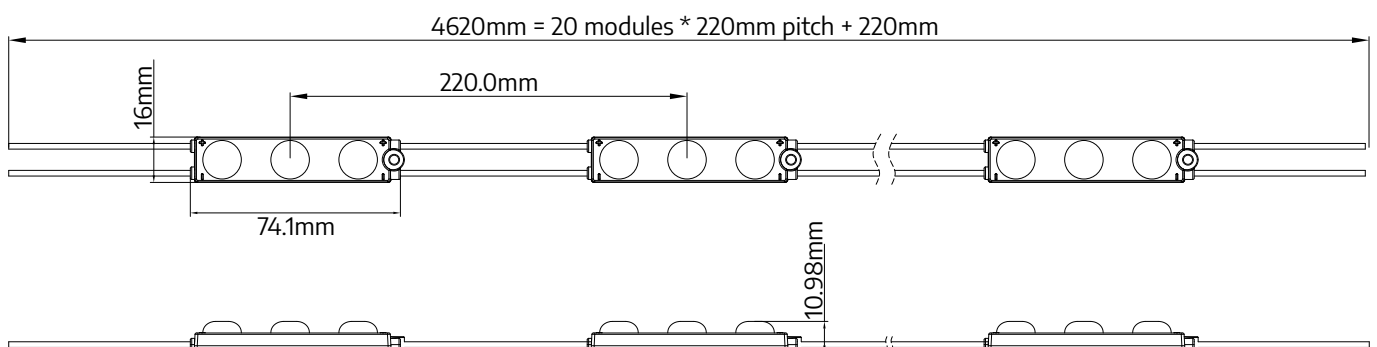
10-20 cm

3D letters, lightboxes



- luminous efficacy 161 lm/W
- premium quality
- energy-efficient
- for indoor and outdoor use
- 20 pcs in chain

DIMENSIONS



ProLED24-3X-CC220



TECHNICAL SPECIFICATION

Parameter	Value
Rated voltage	24 V DC
Power consumption per module	1,08 W
Chain power consumption	21,6 W
Current consumption per module	45 mA
LED diodes	LumiLEDs - 2835
Quantity of LEDs	3
Light color	X = WW - warm white (3000K) X = NW - neutral white (4000K) X = W - white (7000K) X = CW - cold white (10000K)
Flux	174 lm
Flux density	161 lm/W
Color rendering index CRI	≥80 (on request ≥90, ≥95)
Beam angle	175°
Current stabilization	No
Dimming	Yes
Module dimensions (L × W × H)	74 × 16 × 11 mm
Cable length	150 mm
Number of modules in 1 m	4,5
Box weight	18 kg
Montage	Adhesive tape / mounting screw
Lifetime	L70B50 > 50000h
Working temperature	-25°C ... +60°C
IP protection	IP67
Warranty	7 years

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CONNECTION DIAGRAM

One-side power input



Maximum number of modules 20 pcs

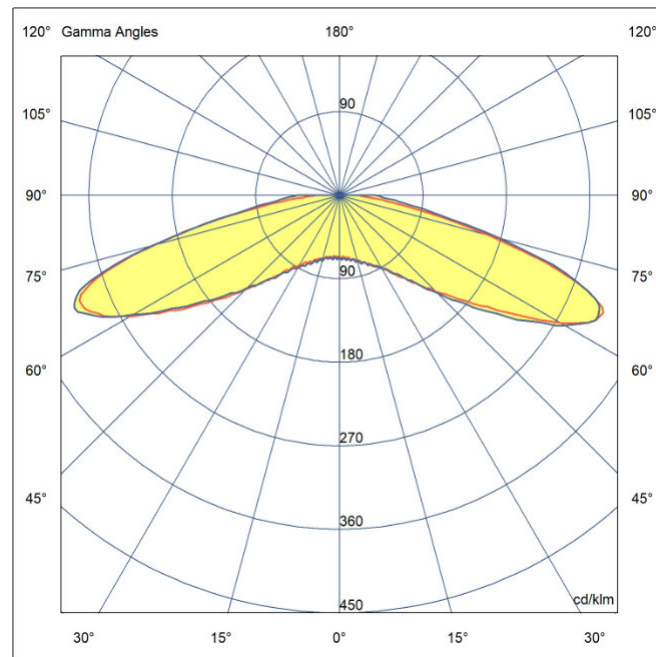
Two-side power input



Maximum number of modules 40 pcs

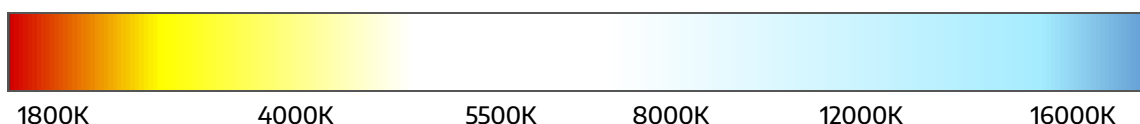
It is acceptable to connect multiple chains in parallel, as long as the power supply provides sufficient power.

BEAM ANGLE



LIGHT COLOR / CCT

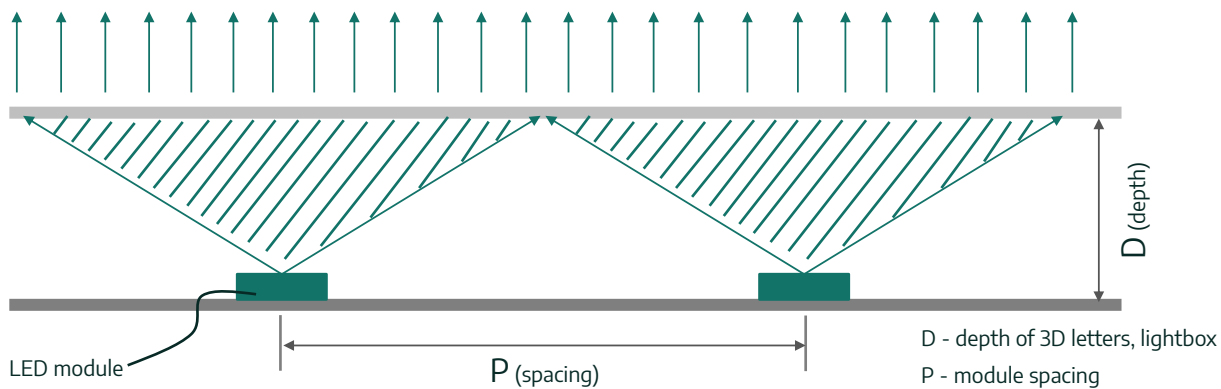
Abbreviation	Light color	CCT
WW	warm white	~3000K
NW	neutral white	~4000K
W	white	~7000K
CW	cold white	~10000K



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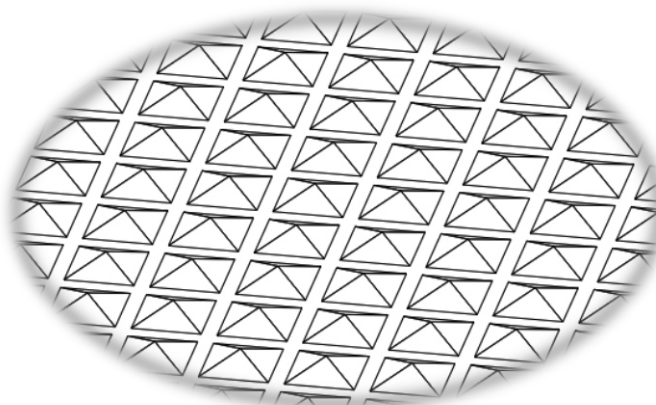


APPLICATION



$$\text{optical performance proportion} = \frac{D}{P} = 1:3$$

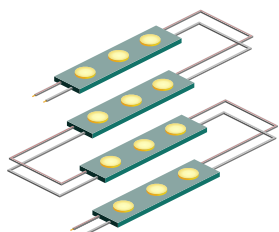
Overall micro lens design can improve the lens uniformity performance.



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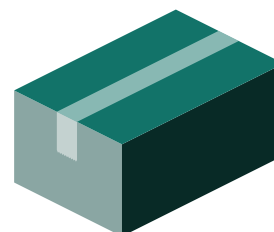
PACKING



Chain
20 pcs



Bag
100 pcs



Box
1200 pcs

OTHER NOTES

The 3M tape placed on the device is only used to pre-attach and position the LED modules. Use your own glue or mounting screw to securely and permanently attach the item to the surface.