Unilumin
洲明文创 | **JOYWAY**

N SERIES

PRODUCT MANUAL

SHENZHEN UNILUMIN JOYWAY TECH CO., LTD
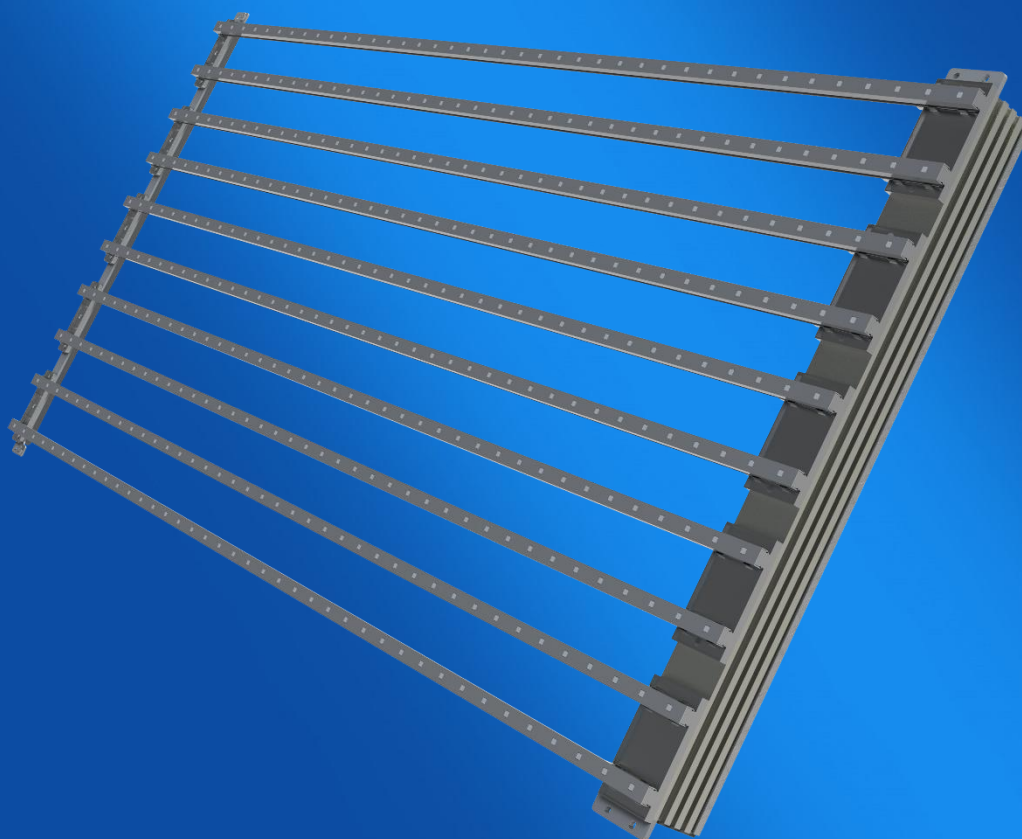
MediaGrille®

Night Time Screen

MEDIA GRILLE | N Series | N-5050 |

2021-V1.0

High Transparency

78% transparent rate, turn building façade into LED media facade

Light and Slim

Light weight, 6.4kg/m², easy for installation and maintenance

Hanging Mounting

Hanging or mounting, simple structure and low cost

Specialized for Night Economy

Specialized for Night Economy, Low cost for outdoor display application

Low Power Consumption

High brightness LED and PFC, low power consumption

High Protection Level

Ground breaking product as the first IP67 protection level for whole LED screen, extend lifetime for LED screen

All Weather Environment

Working in —30℃ to 60℃ environment without malfunction, and strong wind withstand capacity.

Front and Rear Maintenance

Available for front and rear installation, extremely enhanced products ability for all kinds of installation environment.

Product Specification

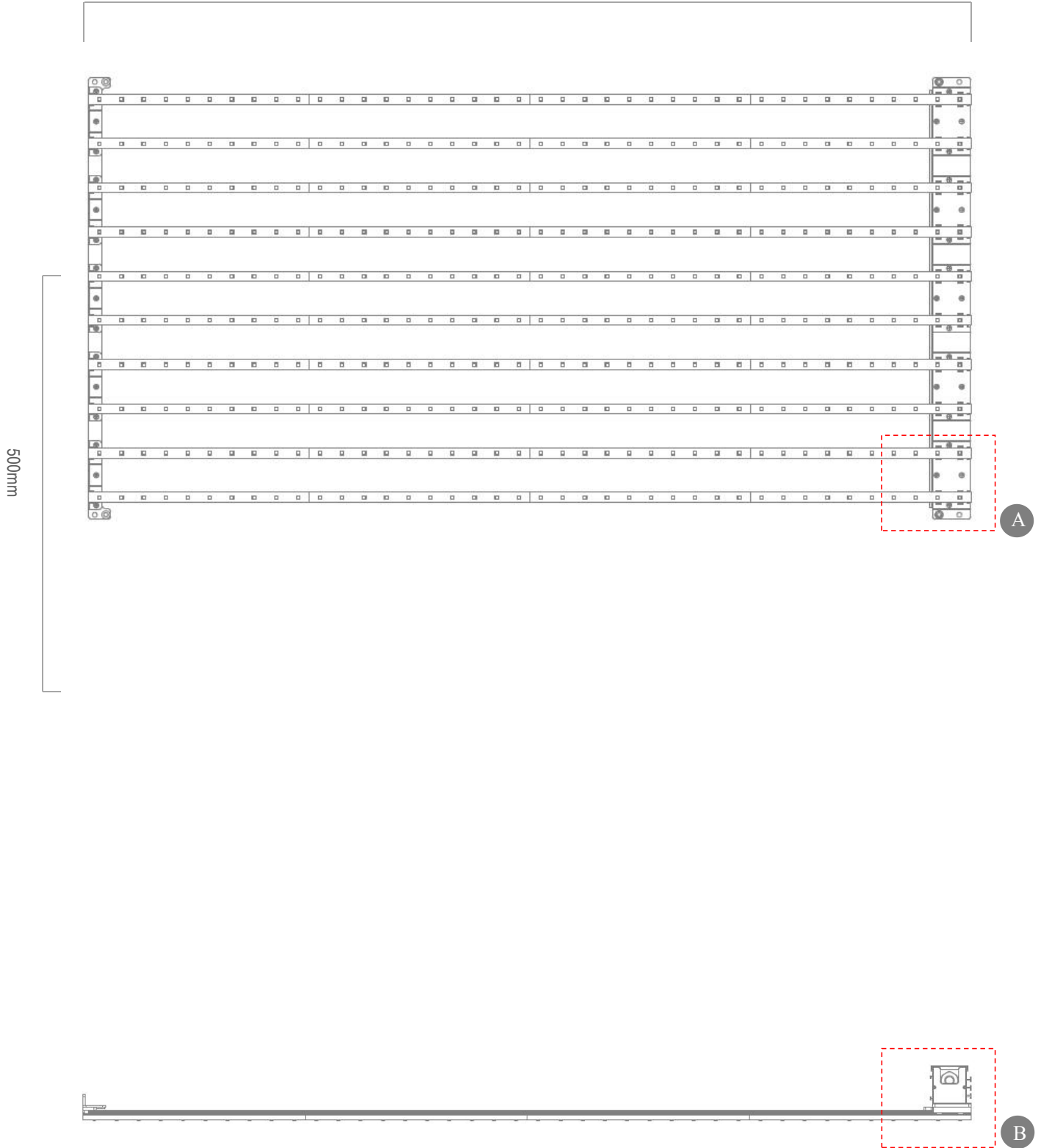|	
Product Type	N-5050
LED	SMD 3535 (R≥680mcd，G≥1600mcd，B≥345mcd)
Body Material	Aluminum & PC Mask (appearance color can be customized)
Pixel Pitch	50mm/50mm
Resolution	400 dot/m²
Panel Orientation	Horizontal/Vertical
Standard Panel Size	1000×500mm
Resolution/Panel	20×10 dots
Brightness	1500 nit
Transparent Rate	78%
Weight	6.4 kg/m²
Input Voltage	AC 110 -240 V
Maximum Power Consumption	195w/m²
Installation and Maintenance	Front or Rear
IP Grade	IP67
Grey Level	RGB 16384 bit (3×14bit)
Refresh Rate	≥1920 Hz
Frame Rate	≥60 Hz
Working Environment	Temperature：-30℃ to +60℃ ; Humidity：10%-90%

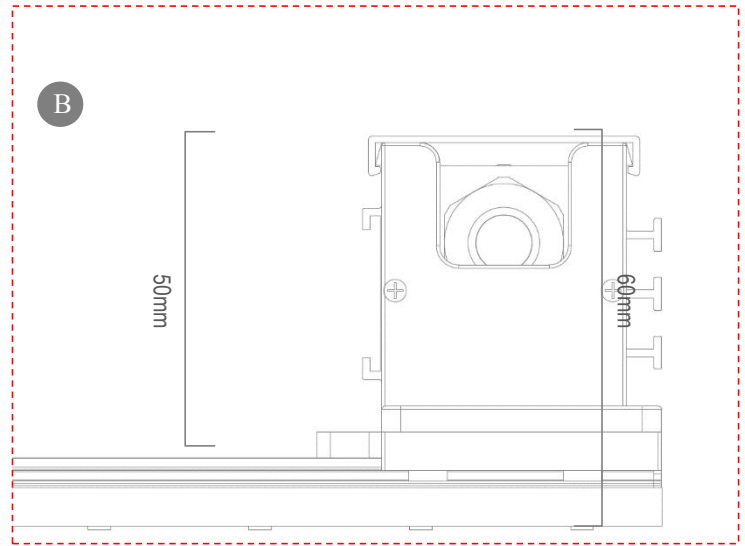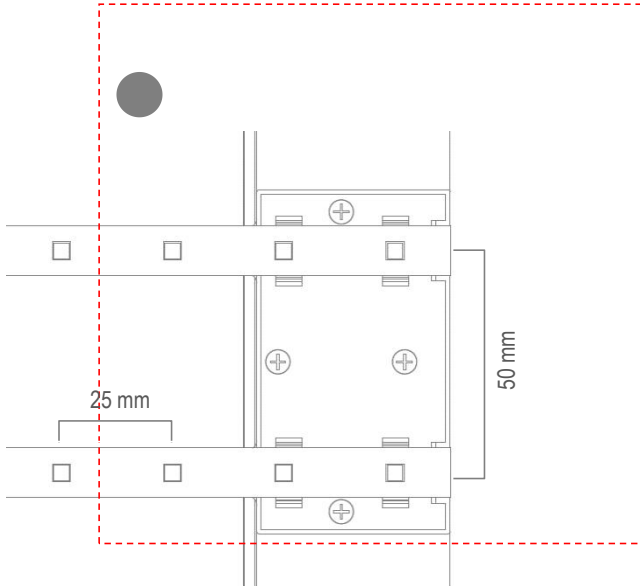※　Parameters would be adjusted according to specialized project requirements.

Product Appearance

Panel Dimensions

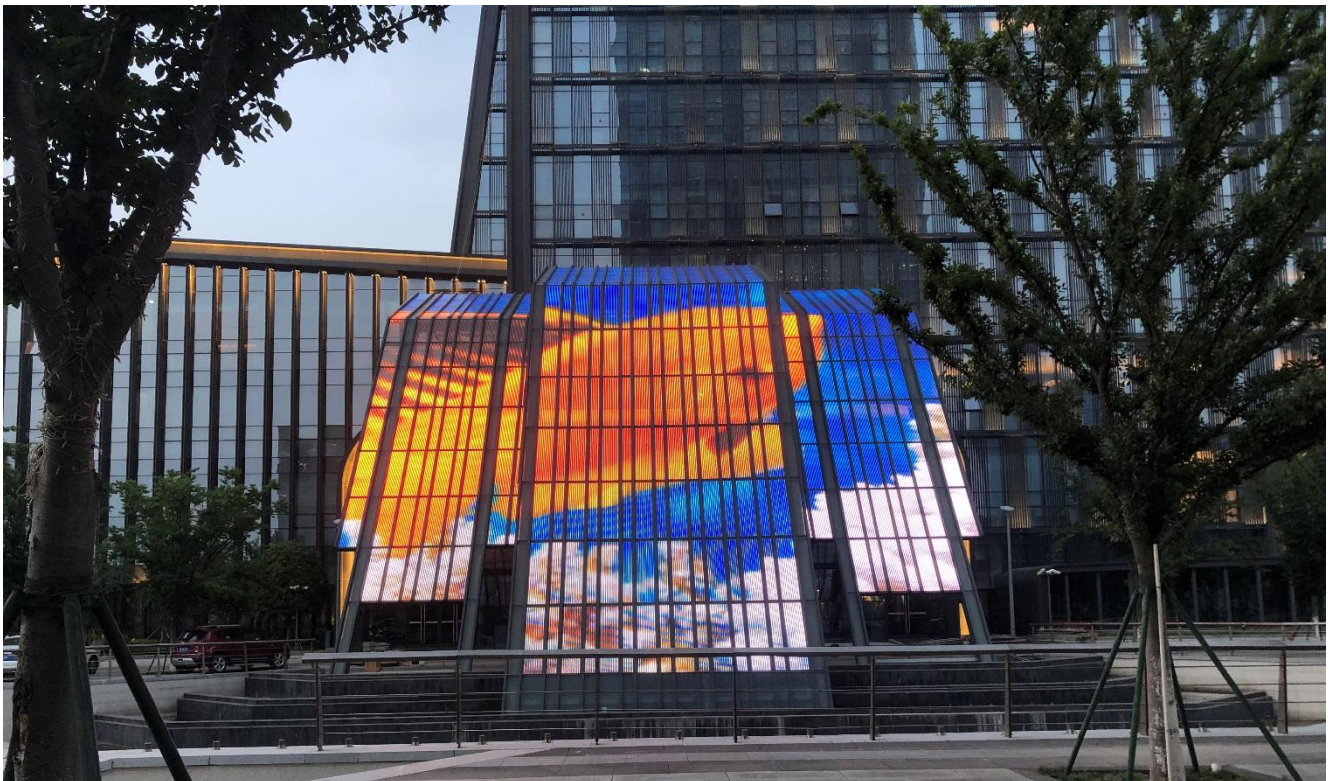1000mm

500mm

A

B

25 mm

50 mm

B

50mm

60mm

Note：Above panel size is standard size of N-2550, panel length is customizable，panel height can not be changed.

CASE REFERENCE

Suzhou High Speed Train Town
Size: 324 ㎡   Time: 2020.5   Location: Suzhou. Jiangsu. China

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