2024

Digital LED Sign

www.neslight.com

NES Light
SMART SOLUTION
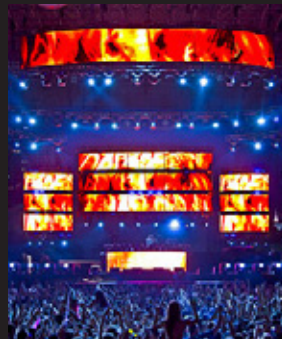
Digital LED Sign

CONTENTS

Multimedia Integration engage your audience with dynamic video, motion graphics and stunning imagery, all integrated into a single layout.
Increase revenue by creating visually stimulating cross-sell and up-sell ads that the consumer will engage with and remember.

Building the Digital LED Signage System involves a simple 3-step process

SOFTWARE

Install the control system and connect it to the internet.

UPDATE

Remotely upload new content, playlists, or even set user permissions for your account from the office.

INSTALLATION

Install and connect the Digital LED Signage to the internet.

Multimedia Integration

Engage your audience with dynamic video, motion graphics and stunning imagery, all integrated into a single layout.
Increase revenue by creating visually stimulating cross-sell and up-sell ads that the consumer will engage with and remember.

3 SECONDS ▶

Time to Watching The Signboard.

People looking for informations which they need or do not need.
With sign boards only, you do not have a chance to tell customers
what your brand is doing.

◀ IMAGES

The Brain Memorize Image Better

Are you hungry?
You will remember food image first than a name of the store.
When it comes time to cut hair, peoples think of the hair rather than
the beauty room.

High Brightness Details

Display with :
Our Brand NV-P5

Brightness :
>6,000cd/m2

**20 times
brighter
than TV**

Display with :
Commercial TV 55″
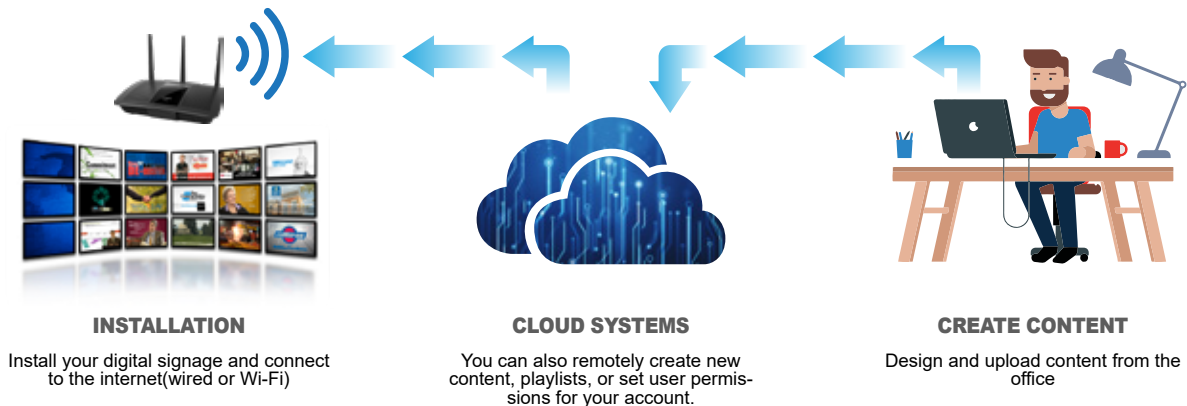
Brightness :
>300cd/m2

Customer Service

Design service • Dynamic and eye-catching layout elements tailored to your brand
• Dynamic screens with unique motion graphics and videos
• Animated static logos, text and graphics for more impact

Warranted service • 24 / 7 / 365 Support   We always offer real time, live support.
If you're experiencing a problem, we will be available
to walk you through troubleshooting and always provide a solution.

How Does NEX Vision Work?
Smart Digital Signage Solution

Building a digital signage system requires a simple three-step process.
You will need a commercial grade screen, digital signage player, and digital signage software.

INSTALLATION
Install your digital signage and connect to the internet(wired or Wi-Fi)

CLOUD SYSTEMS
You can also remotely create new content, playlists, or set user permissions for your account.

CREATE CONTENT
Design and upload content from the office

WHAT IS DIFFERENT

1. High Quality INDUSTRY'S HIGHEST QUALITY TIER 1 LED DIODES

NEX Vision combines top-of-the-line diodes with exclusive proprietary technologies to deliver incredibly life-like picture quality already proven in TV and smart signage. NEX Vision LED signage made with the highest quality diodes boasts a deeper contrast ratio and wider viewing angle.

2. High Brightness SUPERIOR COLOR QUALITY

NEX Vision optimizes screen contrast to produce deeper blacks and purer whites for vivid image expression and superior texture. Additionally, NEX Vision full-color technology increases the number of color adjustment points by 7x, providing a rich, detailed color range.

3. Full Color LED ADVANCED COLOR CALIBRATION

Advanced color calibration reduces color expression gaps that can cause distracting image irregularities. Factory calibration tunes the screen's individual sub-pixels, ensuring precise brightness uniformity and color chromaticity across each screen. After installation, the displays can be adjusted on site with embedded calibration software, Smart LED Signage Manager (SLSM).

4. Low Power Low Cost ENERGY-SAVING CABINET DESIGN

Cabinet design extends the lifespan of the display, saves energy and reduces total cost of ownership (TCO). Adaptive temperature control and improved ventilation lower the display's heat profile, reducing cooling costs and increasing durability. The optimized layout of electric circuits minimizes thermal interference and preserves image quality, allowing us to switch to a fanless design that has reduced the ambient noise produced by the display.

5. Change Image Faster CONTENT CAN BE CHANGED AT ANY TIME

Simplifies installation and content delivery with an integrated signal box that replaces expensive external video processors.
Deliver high-quality, synchronized content to multiple screens quickly and conveniently.

NEX Vision Digital LED Sign
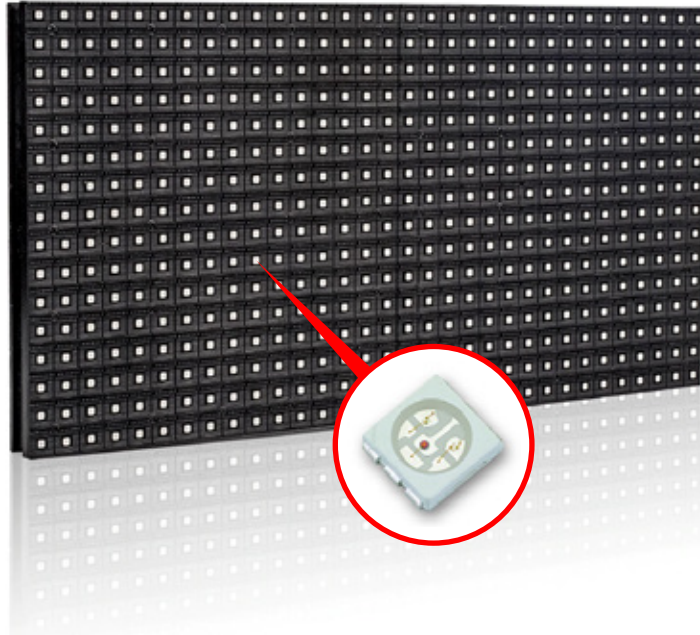
1. High brightness
White len, high luminous intensity

2. High contrast
Black coating, matte encapsulation with non-mirror reflection

3. High reliability
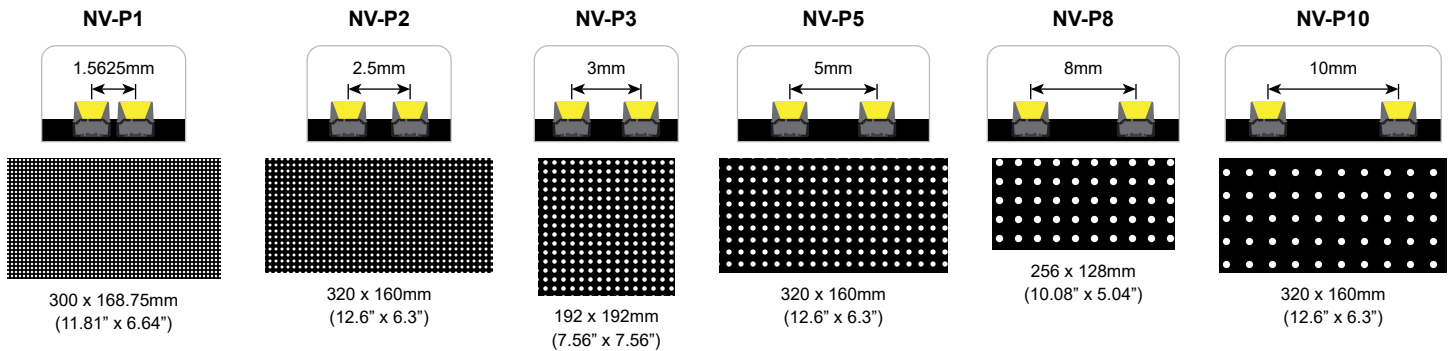Dust-proof, Water-proof, UV-proof

4. Long lifespan
Good thermal dissipation, low luminous degradation and power consumption

A single multicolor module may have 3 individual LEDs within that package, one each of red, green and blue, to allow many colors or shades of white to be selected, by varying the brightness of the individual LEDs.
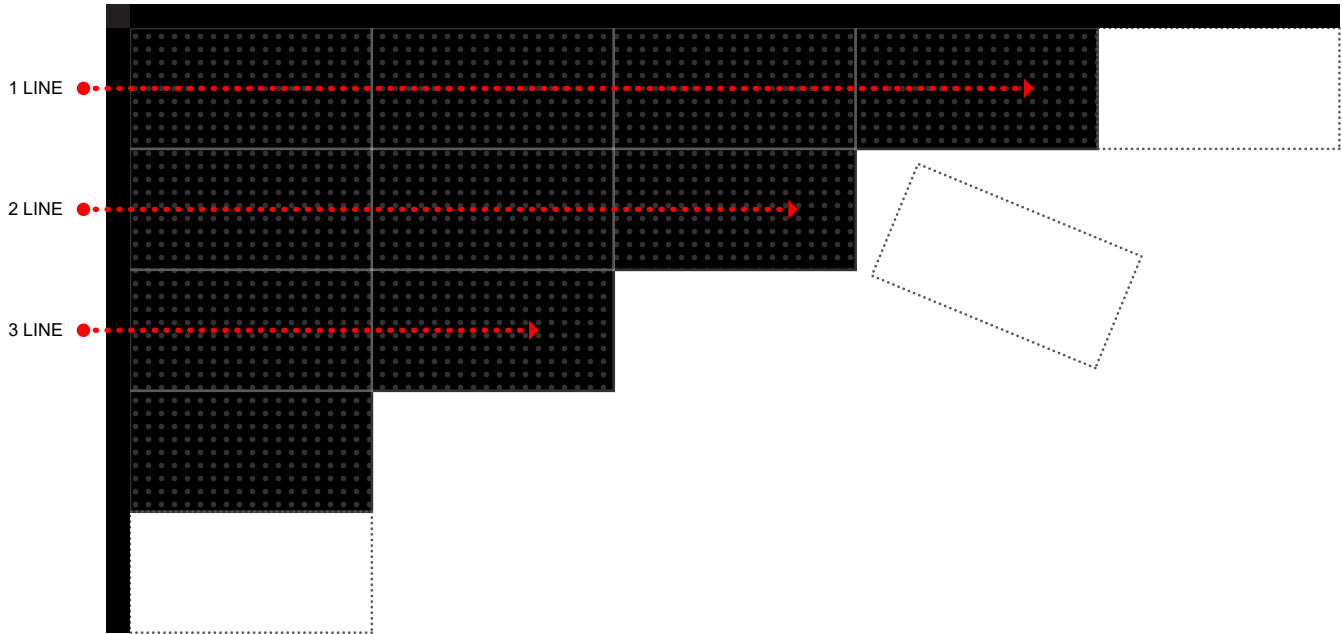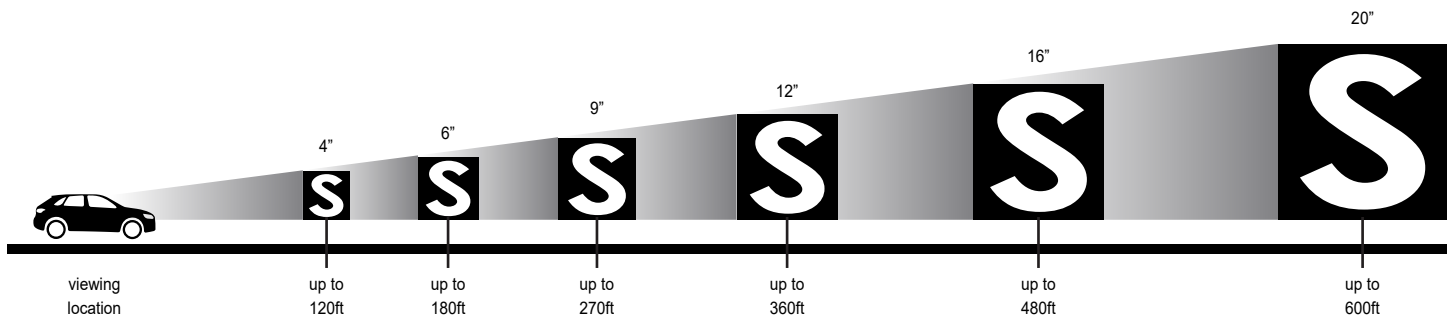
FULL COLOR

MODULE CHART

NV-P1	NV-P2	NV-P3	NV-P5	NV-P8	NV-P10
1.5625mm	2.5mm	3mm	5mm	8mm	10mm
300 x 168.75mm (11.81" x 6.64")	320 x 160mm (12.6" x 6.3")	192 x 192mm (7.56" x 7.56")	320 x 160mm (12.6" x 6.3")	256 x 128mm (10.08" x 5.04")	320 x 160mm (12.6" x 6.3")

MODEL	PITCH SIZE	MODULE SIZE	BEST VIEWING	RESOLUTION
NV-P1	1.5625mm	300 x 168.75mm(11.81" x 6.64")	distance 1.5m(5')	192 x 108
NV-P2	2.5mm	320 x 160mm(12.6" x 6.3")	distance 2m(6.5')	128 x 64
NV-P3	3mm	192 x 192mm(7.56" x 7.56")	distance 2m(6.5')	64 x 64
NV-P5	5mm	320 x 160mm(12.6" x 6.3")	distance 5m(16.4')	64 x 32
NV-P8	8mm	256 x 128mm(10.08" x 5.04")	distance 8m(26')	32 x 16
NV-P10	10mm	320 x 160mm(12.6" x 6.3")	distance 10m(33')	32 x 16

CUSTOMIZABLES

Frame thickness : 1.25"
Frameless : available

1 LINE

2 LINE

3 LINE

Best View

			4"	6"	9"	12"	16"	20"
viewing location			up to 120ft	up to 180ft	up to 270ft	up to 360ft	up to 480ft	up to 600ft

| Message Height	4"	6"	9"	12"	16"	20"
Recommended viewing distance	120ft	180ft	270ft	360ft	480ft	600ft
Viewing time while driving @35mph	3sec	5sec	8sec	11sec	14sec	18sec
Viewing time while driving @50mph	2.2sec	3sec	4.5sec	5.5sec	6.5sec	9sec

NEX Vision UHD Series

P 1.56

· Model Number : NV-P1
· Classification : full color
· Pixel Pitch : 1.5625mm
· Resolution Size : 192 x 108
· Module Size(mm) : 300 x 168.75
· Module Size(inch) : 11.81 x 6.64
· IP Grade : IP20~IP54
· Best Viewing : distance 5ft (1.5m)
· View Angle : horizontal 140° / vertical 120°
· Resolution : 409,600dots/m2
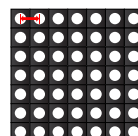· Brightness : >800cd/m2
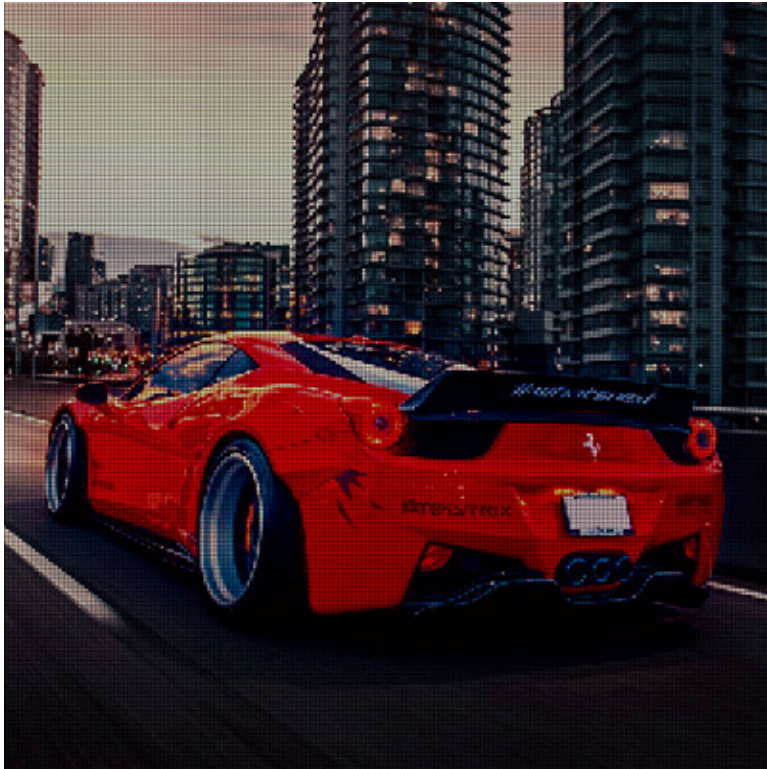· Operation Humidity : 40% ~ 90%
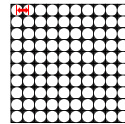
Pixels pitch size : 1.5625mm
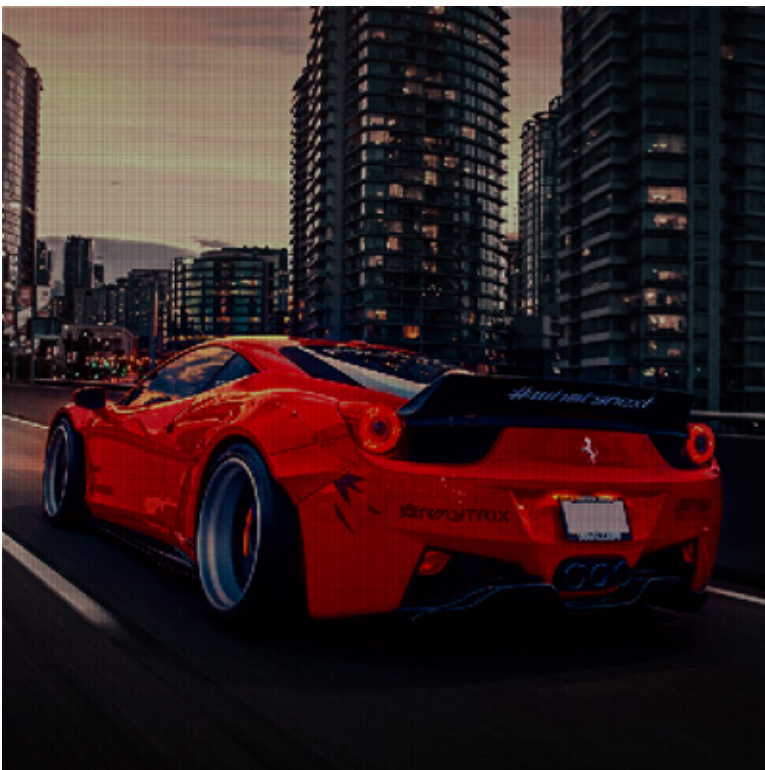
P 2.5

· Model Number : NV-P2
· Classification : full color
· Pixel Pitch : 2.5mm
· Resolution Size : 128 x 64
· Module Size(mm) : 320 x 160
· Module Size(inch) : 12.6 x 6.3
· IP Grade : IP20~IP54
· Best Viewing : distance 7ft (2m)
· View Angle : horizontal 140° / vertical 120°
· Resolution : 160,000dots/m2
· Brightness : >1000cd/m2
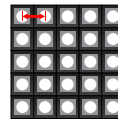· Operation Humidity : 10% ~ 95%

Pixels pitch size : 2.5mm
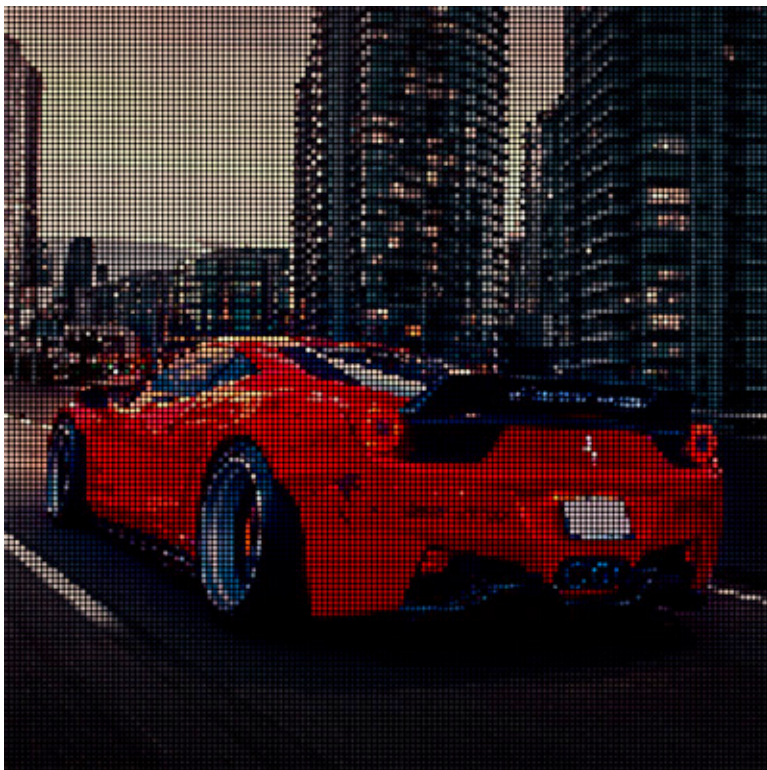
NEX Vision High Quality Series

P 3

· Model Number : NV-P3
· Classification : Full Color
· Pixel Pitch : 3mm
· Resolution Size : 64 x 64
· Module Size(mm) : 192 x 192
· Module Size(inch) : 7.56 x 7.56
· IP Grade : IP20~IP54
· Best Viewing : Distance 7ft (2m)
· View Angle : horizontal 140° / vertical 120°
· **Resolution : 111,111dots/m2**
· Brightness : >4,500cd/m2
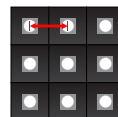· Operation Humidity : 10% ~ 95%

Pixels pitch size : 3mm

P 5

· Model Number : NV-P5
· Classification : Full Color
· Pixel Pitch : 5mm
· Resolution Size : 64 x 32
· Module Size(mm) : 320 x 160
· Module Size(inch) : 12.6 x 6.3
· IP Grade : IP20~IP54
· Best Viewing : Distance 15ft (5m)
· View Angle : horizontal 140° / vertical 120°
· **Resolution : 40,000dots/m2**
· Brightness : 5,500 ~ 6,000cd/m2
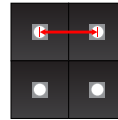· Operation Humidity : 10% ~ 95%

Pixels pitch size : 5mm

NEX Vision Outdoor Series

P 8

· Model Number : NV-8
· Classification : Full Color
· Pixel Pitch : 8mm
· Resolution Size : 32 x 16
· Module Size(mm) : 256 x 128
· Module Size(inch) : 10.08 x 5.04
· IP Grade : IP20~IP54
· Best Viewing : Distance 25ft (8m)
· View Angle : horizontal 140° / vertical 120°
· Resolution : 15,625dots/m2
· Brightness : 5,000 ~ 5,500cd/m2
· Operation Humidity : 10% ~ 95%

Pixels pitch size : 8mm

P 10

· Model Number : NV-P10
· Classification : Full Color
· Pixel Pitch : 10mm
· Resolution Size : 32 x 16
· Module Size(mm) : 320 x 160
· Module Size(inch) : 12.6 x 6.3
· IP Grade : IP20~IP54
· Best Viewing : Distance 30ft (10m)
· View Angle : horizontal 140° / vertical 120°
· Resolution : 10,000dots/m2
· Brightness : 7,000 ~ 7,500cd/m2
· Operation Humidity : 10% ~ 95%
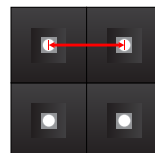
Pixels pitch size : 10mm

ECO DIP Digital LED Sign
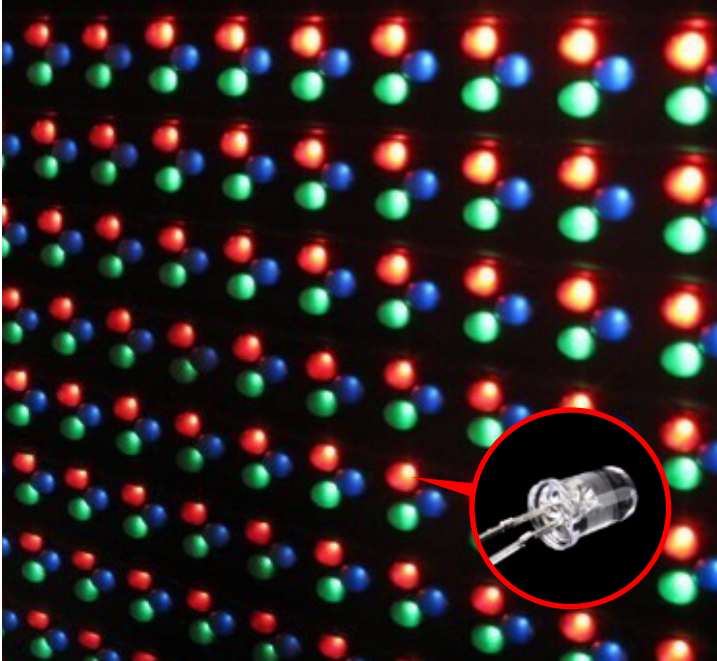
TRI COLOR
- RGY : red and green light bulbs, will create the third color yellow.
- RBP : red and blue light bulbs, will create the third color purple.
- RWP : red and white light bulbs, will create the third color pink.
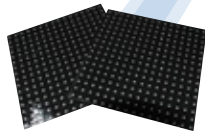 (only available in p15 & p20 modules)

FULL COLOR
- The RGB color model is an additive color model in which red,
  green and blue light are added together in various ways to reproduce
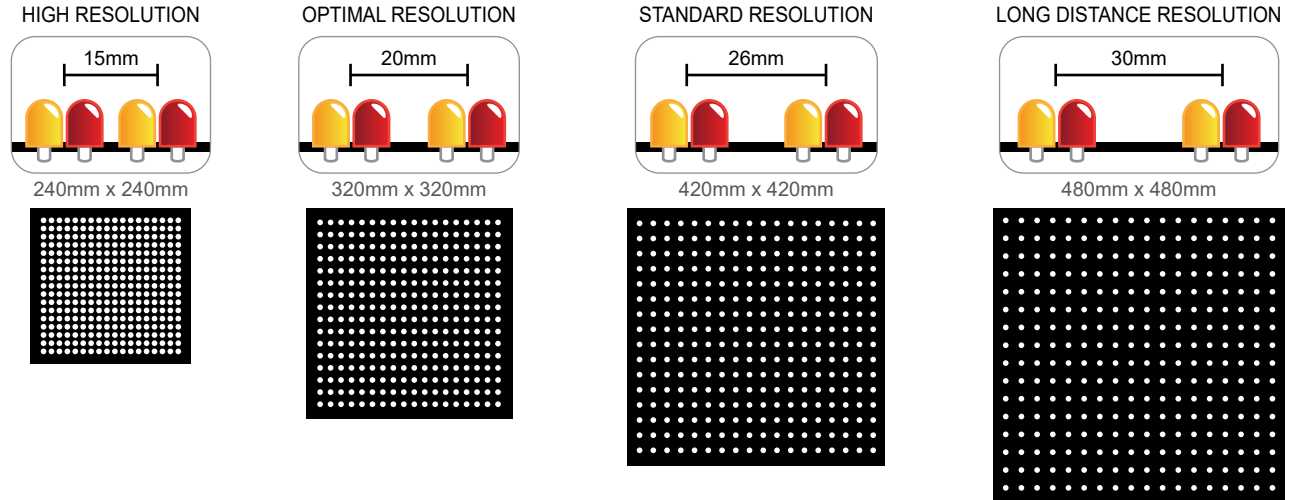 a broad array of colors.

FULL COLOR

COMPONENTS OF PRODUCT

WATER PROOF
DOW CORNING SILICONE

ECO DIP

MODULE CHART

	HIGH RESOLUTION	OPTIMAL RESOLUTION	STANDARD RESOLUTION	LONG DISTANCE RESOLUTION
	15mm	20mm	26mm	30mm
	240mm x 240mm	320mm x 320mm	420mm x 420mm	480mm x 480mm

MODULE SIZE	240mm(9.5")	320mm(12.6")	420mm(16.5")	480mm(18.9")
PITCH SIZE	15mm(P15)	20mm(P20)	26mm(P26)	30mm(P30)
PIXELS	16 x 16	16 x 16	16 x 16	16 x 16
RESOLUTION	HD RESOLUTION	OPTIMAL RESOLUTION	MODERATE RESOLUTION	TARGETING.AUDIENCES

CUSTOMIZABLES

480mm(18.9")
420mm(16.5")
320mm(12.6")
240mm(9.5")

P30
P26
P20
P15

CUSTOMIZABLES

2 LINE

1 LINE

3 4 5 6 7 8 9 10 11 12

	P15(240mm)	P20(320mm)	P26(420mm)	P30(480mm)
2 LINE	21"	28"	36"	40"
1 LINE	12"	15"	19"	22"