BLUEVIEW

NEW PRODUCTS COLLECTION
2024

Blueview Elec-Optic Tech Co.,Ltd

COMPANY PROFILE

BLUEVIEW ELEC-OPTIC TECH CO.,LTD. is a pioneer developer in China's LED signage lighting and linear lighting market, not only participating but also promoting the development of the entire LED industry.

Blueview has been offering professional integrated and ingenious solutions with abundant products including signage, lighting products and others since 2004.

We always pursuit the faith that Better light could bring Better life and we never slow down the path for innovation&creation.

STRENGTHS OF BLUEVIEW

BEST-IN-CLASS SERVICES
24 hours response policy
Solution offering with result-oriented

STRICT QUALITY CONTROL
Over 20 processes on reliability testing for one item

RELIABLE HIGH STANDARD
All LEDs are LM-80 tested, LED packed in Cu lead Frame +99.99% Gold Wire.

HIGH EFFICIENT LEADING TIME
Truck picking up via UPS/DHL/FedEx/TNT twice a day
Less than 5 working days as shortest leading time

EXPERIENCE
Serving for High-end market over 19 years

LEADING INDUSTRY WARRANTY UP TO 10 YEARS
High-classic in 10-year, professional in 5-year,economic in 3-year

ODM&OEM CAPACITY
Over 79 R&D patents
Full set of latest advanced testing equipment

WIDE COLOR TEMPERATURE OPTIONS IN ONLY ONE BIN
Various color options with tight range,min±50k

ONE OF THE 1ST MOVERS FOR LED TAPE LIGHT
Established in 2004, 1200+employees
Own property 40,000 m² of offices,workshops

WIDE PRODUCTS OPTIONS
12V/24V DC constant voltage, 36V constant current,
110V/220V AC solutions

TWISTING

Test Condition: Keep lighting and twisting
Test Time(or Cycles): 15000 cycles
Sample Length: 0.5m
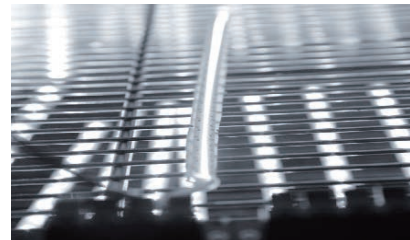Test Result: No cracking and other damage.

UV

Test Condition: Test light temperature 60°C, ultraviolet wavelengths: 280 nm to 315 nm.4 hours
of lighting, 4 hours of condensation or 8 hours of lighting, 4 hours of condensation as a cycle.
Test Time:144 h
Sample Length: 0.5m
Test Result: No color changing of samples, no deformation, no crack, and other damage.

FLAMMABILITY

Test Condition: Vertical sample burning
Test Time: Within 30 seconds
Sample Length: 0.5m
Test Result: The sample is extinguished immediately after it is removed from the flame.

TEMPERATURE AND HUMIDITY

Test Condition: Test light temperature 60°C, ultraviolet wavelengths: 280 nm to 315 nm.4 hours of
lighting, 4 hours of condensation or 8 hours of lighting, 4 hours of condensation as a cycle.
Test Time:144 h
Sample Length: 0.5m
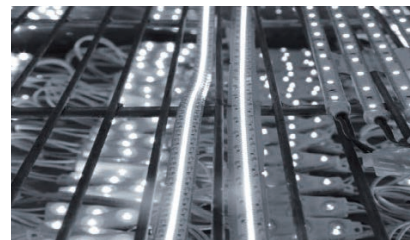Test Result: No color changing of samples, no deformation, no crack, and other damage.

TEMPERATURE CYCLING

Test Condition: High temperature 60°C 4H, normal temperature 20°C 1H, and low
temperature -40°C 4H. The rated operating voltage is switched once every 5 minutes.
Test Time: 144 hours
Sample Length: 0.5m
Test Result: No dead light, no cracking, no embrittlement or other damage.

AGING

Test Condition: Continuous lighting at room temperature.
Test Time: 144 hours
Sample Length: 0.5m
Test Result: The samples have no color change,no failure, no crack and other damage

SINGLE LED CUT

FN-G2835

- 24V single led cut for more flexible application, **mini cut unit up to 5mm**

- A short cut allows for better profile matching to get uniform performance without dark areas

- High brightness up to **2100lm/m**
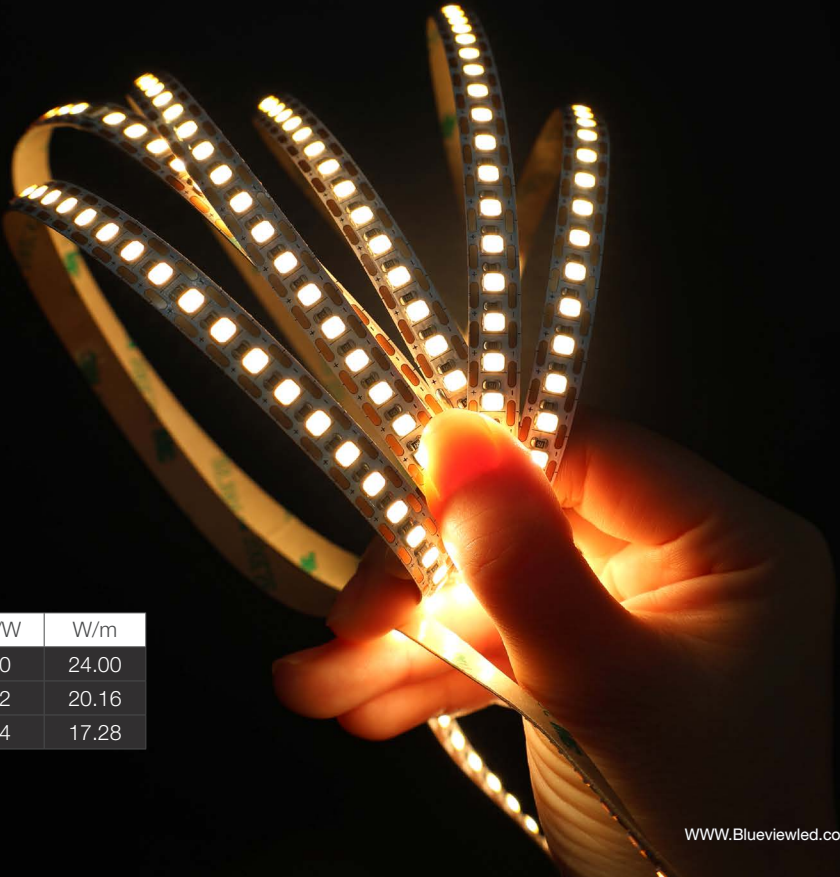
FN-G2835-XXX-24

Model No.	Color	CRI	Lm/m	Lm/W	W/m
FN-G2835-120-24			1555	90	17.28
FN-G2835-168-24	●4000K	90+	1814	90	20.16
FN-G2835-200-24			2160	90	24.00

SINGLE LED CUT

FN-HG2835C

- High efficiency **120lm/w**

- 24V **single led cut**, mini cut unit up to **5mm**

- High brightness up to **2800lm/m**

FN-HG2835-XXX-24

Model No.	Color	CRI	Lm/m	Lm/W	W/m
FN-HG2835C-200-24			2880	120	24.00
FN-HG2835C-168-24	●4000K	90+	2455	122	20.16
FN-HG2835C-120-24			2140	124	17.28

HIGH EFFICIENCY

FN-H2835Z

IP20 | 120° | DC 24V
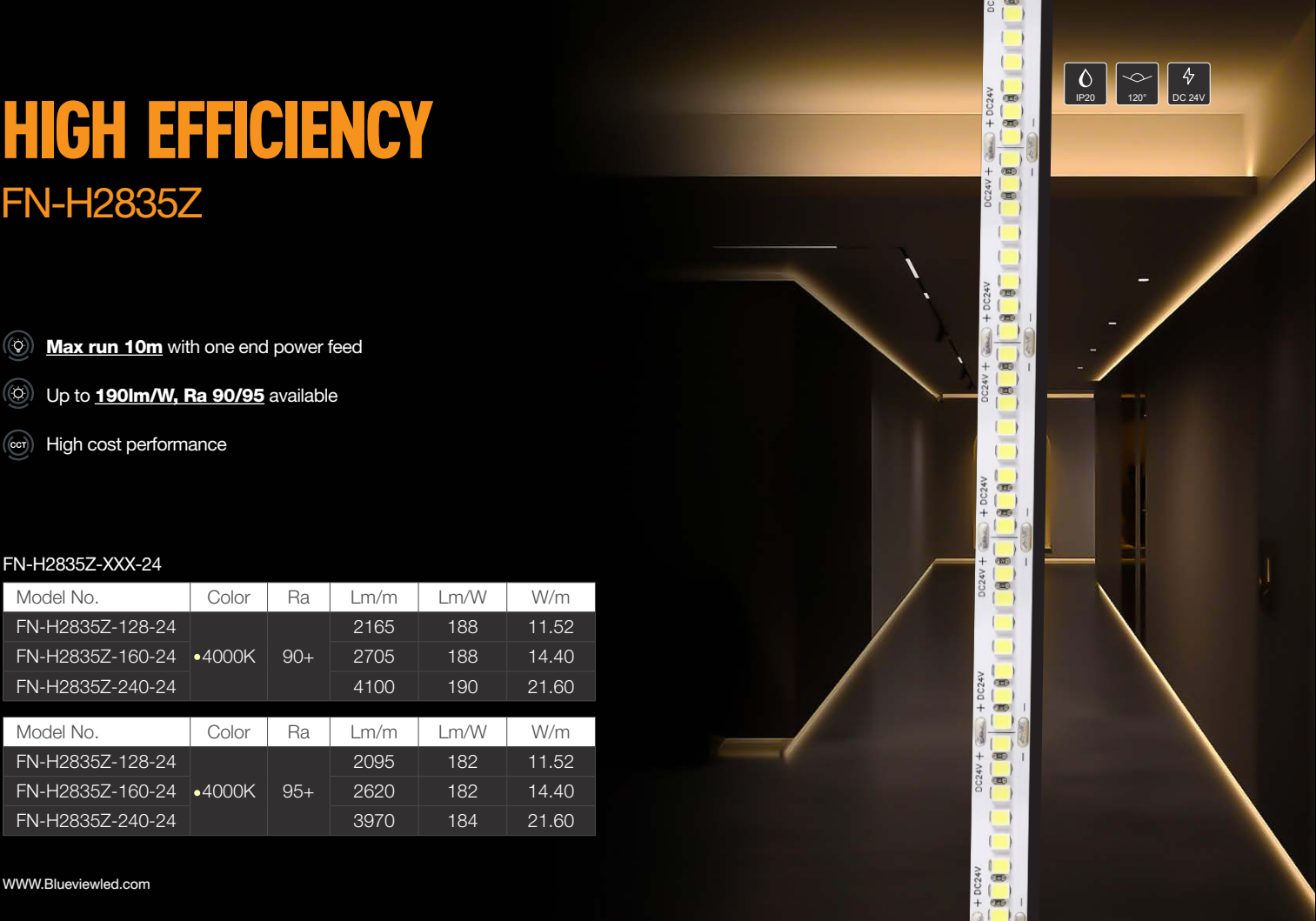
- **Max run 10m** with one end power feed
- Up to **190lm/W, Ra 90/95** available
- High cost performance

FN-H2835Z-XXX-24

Model No.	Color	Ra	Lm/m	Lm/W	W/m
FN-H2835Z-128-24			2165	188	11.52
FN-H2835Z-160-24	•4000K	90+	2705	188	14.40
FN-H2835Z-240-24			4100	190	21.60

Model No.	Color	Ra	Lm/m	Lm/W	W/m
FN-H2835Z-128-24			2095	182	11.52
FN-H2835Z-160-24	•4000K	95+	2620	182	14.40
FN-H2835Z-240-24			3970	184	21.60

SDCM<1 STEP

FN-H2835N

SDCM <1 | IP20 | 120° | DC 24V | ENERG F

- **SDCM < 1** step, highest light color consistency and emits light more purely
- **CRI 97** better color rendering capabilities and can reproduce colors more accurately

FN-H2835N-XXX-XX-24

Model No.	Color	Ra	Lm/m	Lm/W	W/m
FN-H2835N-128-24			1360	118	11.52
FN-H2835N-160-24	•4000K	97	1700	118	14.40
FN-H2835N-240-24			2505	116	21.60

SCOB STRIP

FN-SC-256

IP20 · 120° · DC 24V

- ⚡ Good linear effect without dot similar as COB

- △ Solve the COB weakness like low efficiency,high efficiency,SDCM<3, different color available,more stable than COB

FN-SC-256-24-W

Color	Ra	Lm/m	Lm/W	W/m
● 4000K	90+	920	92	10

FLEXIBLE WALL WASHER

P2-8

IP68 · 30° · 60° · 25*45° · DC 24V

- 🖐 **Silicone tube + glue sealing,** super-strong resistance, **IP68**

- **Max run 10m**

- Beam angle **30°, 60° , 25*45°**

P2-8-3030-40-24 (30/60°)

Color	Ra	Lm/m	Lm/W	W/m
● 4000K	80+	2106	117	18
	90+	1710	95	18

P2-8-3030-40-24 (25*45°)

Color	Ra	Lm/m	Lm/W	W/m
● 4000K	80+	1980	110	18
	90+	1620	90	18

HIGH VOLTAGE

AN2-8

CE | IP68 | 115° | AC110V | AC230V
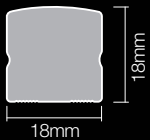
18mm × 18mm
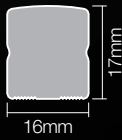
- **AC 110/230V input,** high voltage neon, **good linear effect**
- Silicone extrusion molding technology, **IP68**
- **CE passed**
- **Long run 50m** with Just 1 Plug-In
- PCB designed in parallel to avoid the violent operation

AN2-8 (AC230V)

Color	Ra	Lm/m	Lm/W	W/m
•4000K	80+	673	64	10

OUTDOOR APPLICATION

N2-8 PRO

RoHS | CE | IK10 | IP68 | 118° | DC 24V | ENERG F | ENERG G

PATENT

17mm × 16mm

The most durable neon series on the market !

- Specially for outdoor application, up to **800lm/m**
- **Max 30m** running length with one end power feed
- **IP68** waterproof with moulded end caps
- PCB designed in parallel to avoid the violent operation
- Available for top and side bending

N2-8 Pro (High Brightness)

Color	CRI	Lm/m	Lm/W	W/m
•4000K	80+	866	56	
•Red		164	11	
•Green		357	23	15.36
•Blue	--	72	5	
•Yellow		147	10	
•Orange		198	13	

N2-8 Pro (Long Run)

Color	CRI	Lm/m	Lm/W	W/m
•4000K	80+	487	51	
•Red		101	11	
•Green		255	27	9.6
•Blue	--	46	5	
•Yellow		104	11	
•Orange		137	14	

OUTDOOR APPLICATION

N2-8 WN/RGB/RGBW

The most durable neon series on the market !

20mm × 20mm

RoHS | CE | IK10 | IP68 | 120° | DC 24V

- **Max.10m WN/RGBW; Max.15m RGB**
- Silicone extrusion molding IP68
- Super high impact resistance rating, up to IK10
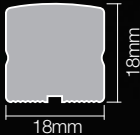- PCB designed in parallel to avoid the violent operation

N2-8 RGBW

Color	Lm/m	Lm/W	W/m
3000K	193	40.2	4.8
R	68	14.3	4.8
G	190	39.6	4.8
B	44	9.1	4.8
RGBW	480	25	19.2

OUTDOOR APPLICATION

N2-8 DMX

The most durable neon series on the market !

18mm

RoHS | CE | IK10 | IP68 | 115/120° | DC 24V

- **Max.10m DMX RGBW; Max.15m DMX RGB**
- High brightness and good heat dissipation
- Twice extrusion molding **IP68** ; super high impact resistance rating, up to **IK10**
- Signal keep connected when PCB broken

N2-8 DMX(RGB)

Color	Lm/m	Lm/W	W/m
R	60	9	6.72
G	105	15	6.72
B	24	3	6.72
RGB	171	11	15.36

N2-8 DMX(RGBW)

Color	CRI	Lm/m	Lm/W	W/m
4000K	90+	188	28	6.72
R		58	8	6.72
G		155	23	6.72
B	--	37	5	6.72
RGB		--	--	15.36
RGBW		413	21	19.68

360° LIGHT-EMITTING

NCR 13

- **⌀13mm mini size,** free twist, arbitrary shape
- 360° circular lighting without dot
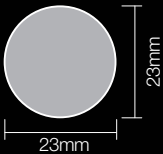- Silicone extrusion process, IP65 protection level

13mm / 13mm

NCR13

Color	CRI	Lm/m	Lm/W	W/m
● 4000K	90+	1212	79	14.4

360° LIGHT-EMITTING

NCR 23S

23mm / 23mm

- **Shapeable** with built-in steel bar, **no fixing tools required**
- 360° glowing, full light look, flexible styling
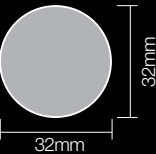- Could be bending different shapes

NCR23S

Color	CRI	Lm/m	Lm/W	W/m
● 4000K	80+	1466	90.5	
● Red		435	27.2	
● Green		1338	83.6	16
● Blue	--	315	19.7	
● Yellow		201	12.6	
● Orange		393	24.6	

360° LIGHT-EMITTING

NCR 32

RoHS | CE | c(UL)us LISTED E354137 | IK10 | IP67 | 360° | DC 24V

- ∅ **32mm** diameter circular silicone neon design
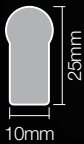- 360° light-emitting, uniformity light performance
- **RGBW SPI, dimmable**

32mm
32mm

NCR32-RGBW_SPI

Color	CRI	Lm/m	Lm/W	W/m
● 4000K	90+	322	40	8.06
● R		96	12	8.06
● G	--	296	36	8.06
● B		58	7	8.06
● RGBW		740	29	25.2

SIDE BENDING

N2-4 PRO

RoHS | CE | IK08 | IP68 | 170° | DC 24V

- Adopt tricolor silicone integrated extrusion shaping process, **IP 68**
- Uniform light-emitting, **ErP passed**
- High resistance to thermal expansion and contraction
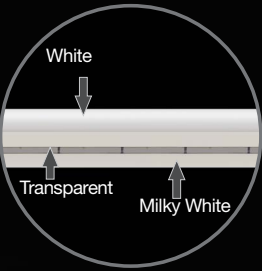- PCB designed in parallel to avoid the violent operation

25mm
10mm

White
Transparent
Milky White

PATENT

N2-4 Pro (ErP) **Constant current**

Color	CRI	Lm/m	Lm/W	W/m
● 4000K	80+	832	87	9.6

N2-4 Pro (ErP) **Constant voltage**

Color	CRI	Lm/m	Lm/W	W/m
● 4000K	80+	761	80	9.6

TOP BENDING

NDR1010

10mm
10mm

High efficiency,103lm/w

more energy-efficient and cost-effective

Dome structure design, 160° large beam angle, more lighting area

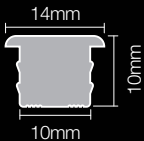Small in size, bendable and shaped to fit into tight spaces

NDR1010

Color	CRI	Lm/m	Lm/W	W/m
•4000K	90+	897	98	
•Red		281	30	
•Green		1036	103	
•Blue	--	232	23	9
•Yellow		201	22	
•Orange		309	35	

PROFILE-FREE

NDF1010-T

Embedded neon with wings, **profile-free easy installation**

Uniform lighting and no shadows

Integrated extrusion molding technology, IP67 rating

NDR1010-T

Color	CRI	Lm/m	Lm/W	W/m
•4000K	90+	611	84	
•Red		232	25	
•Green		686	78	
•Blue	--	152	19	8
•Yellow		172	19	
•Orange		254	30	

HIGH EFFICIENCY 150LM/W

H3 2.0 PRO

- **High efficiency 150lm/W,** low light fade and energy saving
- Curtain style design, 10-15cm cable between led bars
- **170° wide-angle,** no flickering
- Suitable for ultra-thin back-lit light boxes with a depth of **3.5cm**

3030 | IP20 | 170° | DC 12V

H3 2.0 Pro

Model No.	Color	Ra	Lm/pc	Lm/W	W/pc	Product Size
H3 2.0 Pro-4807	3000-9000K	90+	882	150	5.88	480*15*7.4mm
H3 2.0 Pro-9313			1638	150	10.92	930*15*7.4mm

HIGH EFFICIENCY 150LM/W

PT10

RoHS | CE | 2835 | IP66 | 175° | DC 12V | DC 24V

- Low power consumption and high efficiency **150lm/W**
- **Beam angle 175°**
- **IP66 waterproof**
- **Max 75pcs/string,** with less power feed, high cost efficiency

PT10-3

Model No.	Color	Ra	Lm/pc	Lm/W	W/pc
PT10-3 (12V)	4000K	70+	160	145	1.10
PT10-3 (24V)			162	150	1.08

BLUEVIEW ELEC-OPTIC TECH CO.,LTD