

BLACK NEON

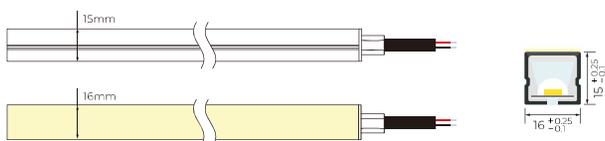
Unique black design for dark background installation, featuring a specialized optical design for high brightness and uniform illumination.

BLACK T1615



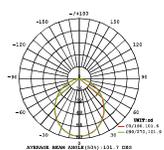
Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1.5in.

Dimensions



Basic Parameters

Model No.	NB-T1615		
Voltage	DC24V		
Power(w/m)	5W/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Light Distribution Curve (24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10W
Max. Run Length(CC)	17m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	152	10	15.2
	3000K±150	157	10	15.7
	3500K±200	161	10	16.1
	4000K ⁺⁴⁰⁰ ₋₂₀₀	161	10	16.1
	5000K ⁺⁵⁰⁰ ₋₃₀₀	155	10	15.5
	6500K ⁺²⁰⁰ ₋₆₀₀	147	10	14.7
--	Red	73	10	7.3
	Green	149	10	14.9
	Blue	27	10	2.7
	Yellow	51	10	5.1
	Orange	64	10	6.4
	Pink	149	10	14.9

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	20.6	10	2.06
	3000K±150	21.1	10	2.11
	4000K±300	20.4	10	2.04
	6500K±400	20.7	10	2.07

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	74	5	14.8
	6000K	78	5	15.6
	2700K+6000K	152	10	15.2

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	17	3.3	5.1
	G	51	3.3	15.6
	B	8	3.3	2.3
	RGB	75	10	7.5



RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	19	3.3	5.8
	G	62	3.3	18.8
	B	10	3.3	3.0
>90	3000K±150	87	5	17.3
	RGBW	172	15	11.5

Note:

- CV: Constant Voltage, CC: Constant Current.
- Max. Run Length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

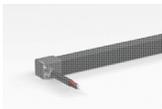


Cable Lead Option

Silicone End Cap (IP67)



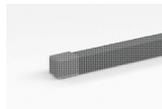
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



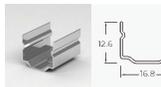
Bottom Cable Entry



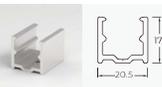
Closed End Cap



Accessories



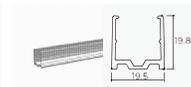
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



PC Profile
Length: 1m



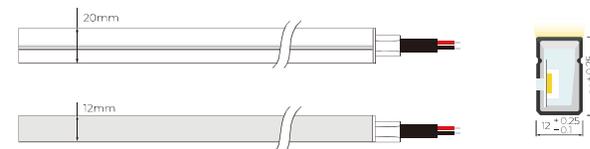
Curved Stainless Steel mounting profile

BLACK S1220



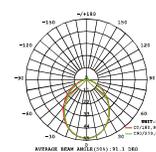
Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, Lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NB-S1220
Voltage	DC24V
Power(w/m)	5W/10W/15W
Storage Temperature	-25°C-60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



Light Distribution Curve
(24V, 10W, 4000K)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient temp.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	17m
Cutting Length	50mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	103	10	10.3
	3000K±150	109	10	10.9
	3500K±200	109	10	10.9
	4000K ⁺¹⁴⁰⁰ ₋₂₀₀	107	10	10.7
	5000K ⁺¹⁵⁰⁰ ₋₃₀₀	110	10	11.0
	6500K ⁺²⁰⁰ ₋₆₀₀	99	10	9.9
--	Red	47	10	4.7
	Green	92	10	9.2
	Blue	15	10	1.5
	Yellow	33	10	3.3
	Orange	40	10	4.0
	Pink	91	10	9.1

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	17.2	10	1.72
	3000K±150	17.8	10	1.78
	4000K±300	17.4	10	1.74
	6500K±400	19.5	10	1.95

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	55	5	11.0
	6000K	52	5	10.4
	2700K+6000K	106	10	10.6

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	11	3.3	3.4
	G	33	3.3	9.9
	B	5	3.3	1.4
	RGB	49	10	4.9



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	12	3.3	3.5
	G	34	3.3	10.2
	B	6	3.3	1.7
>90	3000K±150	51	5	10.2
	RGBW	102	15	6.8

Note:

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- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2KHz.



Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap



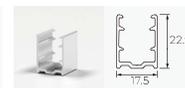
Accessories



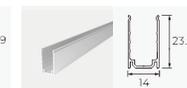
Stainless Steel Mounting clips
Length: 0.8cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



PC Profile
Length: 1m

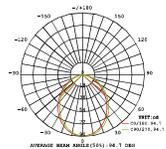


Use with the profile

BLACK 3D1615



Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination.
16mm wide luminous surface with top and side bending, adaptable to various installation needs.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
5-year warranty, lifespan ≥ 50,000 hours, 1 SIN.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NB-3D1615
Voltage	DC24V
Power(w/m)	5W/10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Temin=-25°C, Max.+55°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	121	10	12.1
	3000K±150	133	10	13.3
	3500K±200	138	10	13.8
	4000K±300	132	10	13.2
	5000K±400	126	10	12.6
--	6500K±400	127	10	12.7
	Red	55	10	5.5
	Green	132	10	13.2
	Blue	22	10	2.2
	Yellow	36	10	3.6
	Orange	49	10	4.9
	Pink	126	10	12.6

Note:

- CV: Constant Voltage, CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Silicone End Cap (IP67)



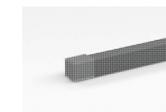
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap



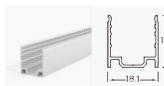
Accessories



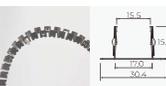
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



Use with the profile



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16W
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	2.6	16	0.6
	G: 520-530nm	5.7	16	1.8
	B: 465-475nm	19.4	16	4.8
	RGB	29.3	16	2.4
>90	3000K	25.9	16	6.5

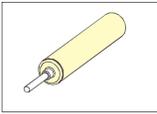
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- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

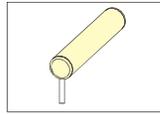


End Cap & Cable Lead Option

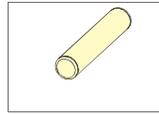
Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips, Tapping screws, Expandable rubber plugs



PC Profile Set
Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Hanging PC Clips Set
Type: "U" Shape installation
Transparent PC mounting clips, Kit of hanging rope, Screws



Hanging PC Profile Set
Type: "U" Shape installation
Transparent PC mounting profile, Kit of hanging rope, Screws



Mounting Metal Base Set
Type: "I" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Metal Connector for Side Cable Entry
Metal connector with side outlet, Tapping screws



Metal Connector for Front Cable Entry
Metal connector, Tapping screws



Mounting PC clips Set
Type: "Ω" Shape installation
Transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Hanging PC clips Set
Type: "I" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Mounting Concealed PC clips Set
Transparent PC pedestals with two holes, Transparent PC pedestals with five holes, Tapping screws, Expandable rubber plugs



Hanging Concealed PC clips Set
Type: "I" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Adjustable Hanging PC Clips Set
Type: "Ω" Shape installation
Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Adjustable Hanging PC Profile
Type: "Ω" Shape installation
Transparent PC mounting profile, Machine screws, Kit of telescopic rod



Adjustable Hanging PC clips Set
Type: "Ω" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Adjustable Hanging with Concealed PC clips
Type: "I" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



PC Connector for Side Cable Entry
Screws, Transparent side outlet connector



Hanging PC Connector for Side Cable Entry
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent side outlet connector



PC Connector for Front Cable Entry
Screws, Transparent connector



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "I" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube



Hanging PC Tube Set
Tube Length: 1m
Type: "U" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube