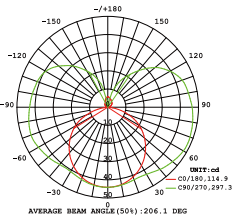


BLACK R25

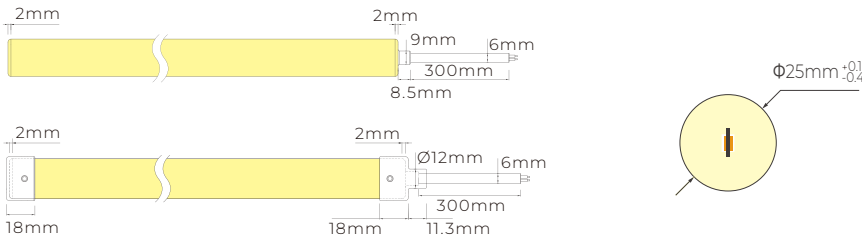


Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. 13mm diameter with 360° uniform lighting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



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

Dimensions



Basic Parameters

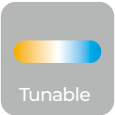
Model No.	NB-R25
Voltage	DC24V
Power(w/m)	5W/10W
Storage Temperature	0°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)



Single Color	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10W
Max. Run Length	5m

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)	5W/10W
Max. Run Length	5m



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

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	75	10	7
	2700K±150	78	10	7.4
	3000K±150	83	10	7.8
	3500K±200	82	10	7.8
	4000K±300	80	10	7.7
	5000K±300	75	10	7.2
--	R: 620-630nm	40	10	3.8
	G: 520-530nm	73	10	6.5
	B: 465-475nm	12	10	1.1
	Y: 585-595nm	29	10	2.8
	Pink	62	10	5.8

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	78	10	7.8
	3000K±150	83	10	8.3
	4000K±300	80	10	8
	6500K±400	75	10	7.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	3000K	64	10	6.2
	4000K	31	10	6
	2300K	33	10	6.4

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	4.6	10	2.5
	G: 520-530nm	15	10	2
	B: 465-475nm	1.7	10	4.6
	RGB	21	10	0.6



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

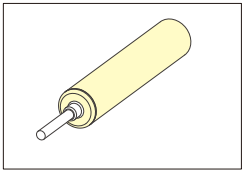
Note:

- 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.

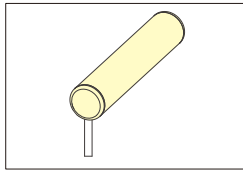


End Cap & Cable Lead Option

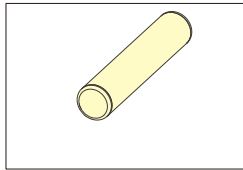
Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips,Tapping screws, Expand-able rubber plugs



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



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



Hanging PC Profile Set
Type: "—" 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, Transpar-ent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



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



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



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



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



Adjustable Hanging with Concealed PC clips
Type: "—" 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: "—" Shape installation
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube;



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