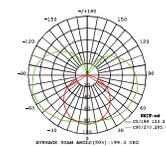


## TOP BEND R16

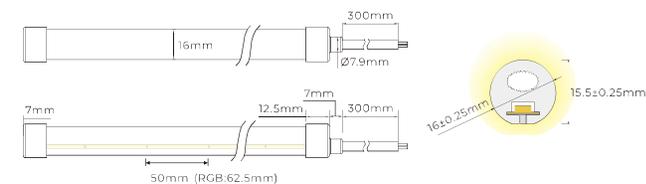


16mm diameter, near-round design, offering almost 360-degree illumination, ideal for indoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting. IP67 waterproof. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, Lifespan  $\geq$  50,000 hours, 1 Bin.



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

### Dimensions



### Basic Parameters

Model No.	NS-R16	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C-60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	50°C	45°C



### Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	19m/13m
Cutting Length	50mm

### Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	560	10	56
	2400K±150	590	10	59
	2700K±150	660	10	66
	3000K±150	650	10	65
	3500K±200	630	10	63
	4000K <sup>+400</sup> <sub>-200</sub>	700	10	70
	5000K <sup>+500</sup> <sub>-200</sub>	730	10	73
	6500K <sup>+200</sup> <sub>-600</sub>	730	10	73
--	Red	310	10	31
	Green	780	10	78
	Blue	160	10	16
	Yellow	240	10	24
	Pink	330	10	33

### Free Cut

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

### Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	660	10	66.0
	3000K±150	680	10	68.0
	4000K±300	700	10	70.0
	5000K±400	680	10	68.0
	6500K±400	660	10	66.0



### CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

### Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	365	5	73
	6000K	375	5	75
	2700K+6000K	730	10	73



### RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

### Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75.9	3.3	23
	G	231	3.3	70
	B	46.2	3.3	14
	RGB	350	10	35

#### 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

#### Silicone End Cap (IP67)

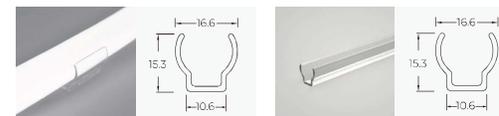


Front Cable Entry

Closed End cap



### Accessories



PC Profile  
20x16.6x15.3mm(L x W x H)  
Accessories:Screw M3x15mm

PC Profile  
1000(+5)x16.6x15.3mm(L x W x H)  
Accessories:Screw M3x15mm

#### Cable

#### Connector



2PIN cable   3PIN cable   4PIN cable   5PIN cable   2PIN connector (Single color)   3PIN connector (Tunable White)   4PIN connector (RGB color)   5PIN connector (RGB+White color)