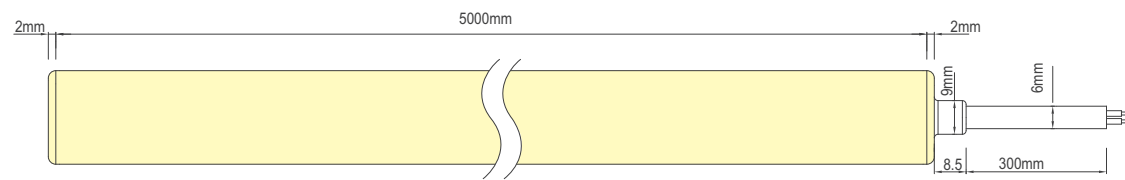


## RLLNFR25B

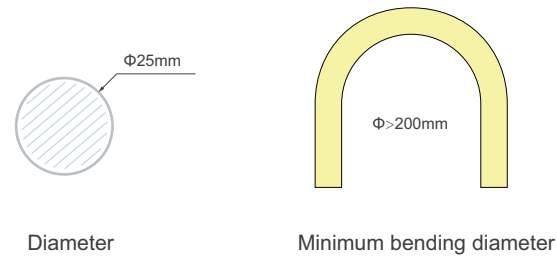
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process. Unique optical light distribution structure design, uniform lighting surface and no shadow. IP65 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique



### Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | 0°C~60°C                       |
| Ambient Temperature | Min. 25°C, Max ( Table below ) |
| CRI                 | ≥90                            |



### Note:

Max. run length refers to single side feed in serial connection.

The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

The given color temperature is the temperature of finished product.



### Photoelectric parameters (5W)

| Power (W)           | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|---------------------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| Single color<br>5W  | 2400±150     | 37            | 7.4             | 24          | 90       | /             | 5M                         |
|                     | 2700±150     | 38            | 7.6             |             |          |               |                            |
|                     | 3000±150     | 40            | 8               |             |          |               |                            |
|                     | 3500±200     | 39            | 7.9             |             |          |               |                            |
|                     | 4000±300     | 39            | 7.8             | 24          | /        | /             | 5M                         |
|                     | 5000±300     | 37            | 7.4             |             |          |               |                            |
|                     | R: 620 630nm | 19            | 3.8             |             |          |               |                            |
|                     | G: 520 530nm | 36            | 7.2             |             |          |               |                            |
|                     | B: 465 475nm | 4.6           | 0.9             |             |          |               |                            |
|                     | Y: 585 595nm | 14            | 2.8             |             |          |               |                            |
| Pink                | 30           | 6             | 24              | 90          | /        | 5M            |                            |
| 3000 (WW+W)         | 31           | 6             |                 |             |          |               |                            |
| 4000 (W)            | 15           | 5.9           |                 |             |          |               |                            |
| Tunable white<br>5W | 2300 (WW)    | 16            | 6.5             | 24          | /        | /             | 5M                         |
|                     | R: 620 630nm | 2.7           | 2.6             |             |          |               |                            |
|                     | G: 520 530nm | 7.5           | 1.8             |             |          |               |                            |
|                     | B: 465 475nm | 1.1           | 5.2             |             |          |               |                            |
|                     | RGB          | 11.4          | 0.7             |             |          |               |                            |

### Photoelectric parameters (10W)

| Power (W)            | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|----------------------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| Single color<br>10W  | 2400±150     | 75            | 7               | 24          | 90       | /             | 5M                         |
|                      | 2700±150     | 78            | 7.4             |             |          |               |                            |
|                      | 3000±150     | 83            | 7.8             |             |          |               |                            |
|                      | 3500±200     | 82            | 7.8             |             |          |               |                            |
|                      | 4000±300     | 80            | 7.7             | 24          | /        | /             | 5M                         |
|                      | 5000±300     | 75            | 7.2             |             |          |               |                            |
|                      | R: 620 630nm | 40            | 3.8             |             |          |               |                            |
|                      | G: 520 530nm | 73            | 6.5             |             |          |               |                            |
|                      | B: 465 475nm | 12            | 1.1             |             |          |               |                            |
|                      | Y: 585 595nm | 29            | 2.8             |             |          |               |                            |
| Pink                 | 62           | 5.8           | 24              | 90          | /        | 5M            |                            |
| 3000 (WW+W)          | 64           | 6.2           |                 |             |          |               |                            |
| 4000 (W)             | 31           | 6             |                 |             |          |               |                            |
| Tunable white<br>10W | 2300 (WW)    | 33            | 6.4             | 24          | 90       | /             | 5M                         |
|                      | R: 620 630nm | 4.6           | 2.5             |             |          |               |                            |
|                      | G: 520 530nm | 15            | 2               |             |          |               |                            |
| RGB<br>10W           | B: 465 475nm | 1.7           | 4.6             | 24          | /        | /             | 5M                         |
|                      | RGB          | 21            | 0.6             |             |          |               |                            |