

## NIRRAU White LED Sho

<b>Pd (mW)</b>	<b>Package</b>	<b>Dimmensions (mm)</b>	<b>Part Number</b>	<b>If (mA)</b>	<b>Vf (V)</b>	<b>CCT (K)</b>	<b>COLOR</b>
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-20	60	2.9~3.4	2000	Warm White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-27	60	2.9~3.4	2700	Warm White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-30	60	2.9~3.4	3000	Warm White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-35	60	2.9~3.4	3500	Warm White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-40	60	2.9~3.4	4000	Natural White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-50	60	2.9~3.4	5000	Natural White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-65	60	2.9~3.4	6500	Cool White
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-90	60	2.9~3.4	9000	Ice Blue
200	2835	2.80 x 3.50 x 0.70	NE-2835-20-A2	60	2.9~3.4	12000	Ice Blue
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-27	150	3.0~3.4	2700	Warm White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-30	150	3.0~3.4	3000	Warm White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-35	150	3.0~3.4	3500	Warm White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-40	150	3.0~3.4	4000	Natural White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-50	150	3.0~3.4	5000	Natural White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-65	150	3.0~3.4	6500	Cool White
500	2835	2.80 x 3.50 x 0.65	NE-2835-50-27-9V	60	8.6~9.8	2700	Warm White
500	2835	2.80 x 3.50 x 0.65	NE-2835-50-30-9V	60	8.6~9.8	3000	Warm White
500	2835	2.80 x 3.50 x 0.65	NE-2835-50-40-9V	60	8.6~9.8	4000	Natural White
500	2835	2.80 x 3.50 x 0.65	NE-2835-50-50-9V	60	8.6~9.8	5000	Natural White
500	2835	2.80 x 3.50 x 0.65	NE-2835-50-57-9V	60	8.6~9.8	5700	Natural White
500	2835	2.80 x 3.50 x 0.65	NE-2835-50-65-9V	60	8.6~9.8	6500	Cool White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-27-18V	30	17.8~19.8	2700	Warm White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-30-18V	30	17.8~19.8	3000	Warm White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-40-18V	30	17.8~19.8	4000	Natural White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-50-18V	30	17.8~19.8	5000	Natural White
500	2835	2.80 x 3.50 x 0.70	NE-2835-50-65-18V	30	17.8~19.8	6500	Cool White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-40	300	2.7~3.0	4000	Natural White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-50	300	2.7~3.0	5000	Natural White
1000	2835	2.80 x 3.50 x 0.60	NE-2835-A0-60	350	2.7~3.0	6000	Cool White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-30-6V	150	5.8~6.6	3000	Warm White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-40-6V	150	5.8~6.6	4000	Natural White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-57-6V	150	5.8~6.6	5700	Cool White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-60-6V	150	5.8~6.6	6000	Cool White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-27-9V	100	8.6~9.6	2700	Warm White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-30-9V	100	8.6~9.6	3000	Warm White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-35-9V	100	8.6~9.6	3500	Warm White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-40-9V	100	8.6~9.6	4000	Natural White

1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-50-9V	100	8.6~9.6	5000	Natural White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-60-9V	100	8.6~9.6	6000	Cool White
1000	2835	2.80 x 3.50 x 0.65	NE-2835-A0-27-36V	30	36~38.4	2700	Warm White
1000	2835	2.80 x 3.50 x 0.65	NE-2835-A0-30-36V	30	36~38.4	3000	Warm White
1000	2835	2.80 x 3.50 x 0.65	NE-2835-A0-40-36V	30	36~38.4	4000	Natural White
1000	2835	2.80 x 3.50 x 0.65	NE-2835-A0-50-36V	30	36~38.4	5000	Natural White
1000	2835	2.80 x 3.50 x 0.65	NE-2835-A0-57-36V	30	36~38.4	5700	Cool White
1000	2835	2.80 x 3.50 x 0.65	NE-2835-A0-65-36V	30	36~38.4	6500	Cool White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-27-54V	20	52.4~55.6	2700	Warm White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-30-54V	20	52.4~55.6	3000	Warm White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-40-54V	20	52.4~55.6	4000	Natural White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-50-54V	20	52.4~55.6	5000	Natural White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-57-54V	20	52.4~55.6	5700	Cool White
1000	2835	2.80 x 3.50 x 0.70	NE-2835-A0-65-54V	20	52.4~55.6	6500	Cool White
100	3528	3.50 x 2.80 x 1.05	NE-3528-10-28	30	2.7~3.5	2800	Warm White
100	3528	3.50 x 2.80 x 1.05	NE-3528-10-30	30	2.7~3.5	3000	Warm White
100	3528	3.50 x 2.80 x 1.05	NE-3528-10-35	30	2.7~3.5	3500	Warm White
100	3528	3.50 x 2.80 x 1.05	NE-3528-10-40	30	2.7~3.5	4000	Natural White
100	3528	3.50 x 2.80 x 1.80	NE-3528-10-43	30	2.7~3.4	4300	Natural White
100	3528	3.50 x 2.80 x 1.90	NE-3528-10-50	30	2.9~3.5	5000	Natural White
100	3528	3.50 x 2.80 x 1.80	NE-3528-10-55	30	2.8~3.5	5500	CoolWhite
100	3528	3.50 x 2.80 x 1.05	NE-3528-10-58	30	2.7~3.5	5800	CoolWhite
100	3528	3.50 x 2.80 x 1.05	NE-3528-10-60	30	2.7~3.5	6000	CoolWhite
100	3528	3.50 x 2.80 x 1.80	NE-3528-10-65	30	2.8~3.5	6500	CoolWhite
100	3528	3.50 x 2.80 x 1.80	NE-3528-10-68	30	2.8~3.5	6800	CoolWhite
1000	3030	3.0 x 3.0 X 0.6	NE-3030-A0-60	350	2.8~3.6	6000	CoolWhite
1000	3030	3.0 x 3.0 X 0.6	NE-3030-A0-60	150	5.8~6.8	6000	CoolWhite
1000	3030	3.0 x 3.0 X 0.7	NE-3030-A0-43	150	6.0~6.6	4300	Natural White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-24	60	2.8~3.4	2400	Warm White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-27	60	2.8~3.4	2700	Warm White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-30	60	2.8~3.4	3000	Warm White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-40	60	2.8~3.4	4000	Natural White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-45	60	2.8~3.4	4500	Natural White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-65	60	2.8~3.4	6500	Cool White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-27	60	2.8~3.6	2700	Warm White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-30	60	2.8~3.6	3000	Warm White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-35	60	2.8~3.6	3500	Warm White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-40	60	2.8~3.6	4000	Natural White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-50	60	2.8~3.6	5000	Natural White
200	5050	5.0 x 5.0 x 1.6	NE-5050-20-60	60	2.8~3.6	6000	Cool White

**Note 1:** Using 1/10 duty cycle, pulse width 10ms.

**Note 2:** A first approximation, only for give a idea of value, is use  $5000\text{mcd} \approx 12\text{lm}$ , because there are many rel

**Note 3:** Due to constant pursuit of refinement these specifications can be modified at any time without notice.

**Note 4:** If you need a specific LED, not found in this list, feel free contact us via [info@nirrau.com.cn](mailto:info@nirrau.com.cn), we have n

**Note 5:** If you have any doubt, comment, suggestion about this short form or need more information, contact us

<b>Simbol</b>	<b>Description</b>
Angle	Viewing Angle
CCT	Correlated color temperature
CRI	Color Rendering Index
ESD	Eletrostatic discharge
HBM	Human body model
If	Forward current
Ifmax	Maximum forward current
Ifp	Peak forward current
Irmax	Maximum reverse current
Pd	Power dissipation
Vf	Forward voltage
Vrmax	Maximum reverse voltage
$\Phi$	Luminous flux [lm] and [mcd]
$\Phi_e$	Radiant flux [mW]
$\lambda$	Dominant Wavelength

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CRI	$\Phi$ -Luminous		Angle (°)	V <sub>rmax</sub> (V)	I <sub>rmax</sub> ( $\mu$ A)	I <sub>fmax</sub> (mA)	I <sub>fp</sub> <sup>(1)</sup> (mA)	ESD HBM (V)
	Flux	Unit						
	$\Phi_e$ -Radiant Flux							
> 80	18~22	lm	120	5	10	60	100	2000
> 80	18~24	lm	120	5	10	70	120	2000
> 80	22~26	lm	120	5	10	70	120	2000
> 80	22~28	lm	120	5	10	70	120	2000
> 80	22~28	lm	120	5	10	70	120	2000
> 80	22~28	lm	120	5	10	70	120	2000
> 80	22~28	lm	120	5	10	70	120	2000
> 80	22~26	lm	120	5	10	70	120	2000
> 80	20~26	lm	120	5	10	70	120	2000
> 80	45~65	lm	120	7	1	160	300	2000
> 80	55~70	lm	120	5	10	160	300	2000
> 80	55~70	lm	120	5	10	160	300	2000
> 80	55~70	lm	120	5	10	160	300	2000
> 80	55~70	lm	120	5	10	160	300	2000
> 80	55~70	lm	120	5	10	160	300	2000
> 80	55~65	lm	120	15	10	65	120	2000
> 80	60~70	lm	120	15	10	65	120	2000
> 80	65~75	lm	120	15	10	65	120	2000
> 80	65~75	lm	120	15	10	65	120	2000
> 80	65~75	lm	120	15	10	65	120	2000
> 80	65~75	lm	120	15	10	65	120	2000
> 80	65~80	lm	120	30	10	35	100	2000
> 80	65~80	lm	120	30	10	35	100	2000
> 80	75~90	lm	120	30	10	35	100	2000
> 80	60~75	lm	120	30	10	35	100	2000
> 80	75~90	lm	120	30	10	35	100	2000
>90	24~30	lm	120	5	10	300	400	2000
>90	24~30	lm	120	5	10	300	400	2000
>90	100~160	lm	120	5	10	300	400	2000
>80	105~120	lm	120	10	10	160	200	2000
>80	110~125	lm	120	10	10	160	200	2000
>80	110~125	lm	120	10	10	160	200	2000
>80	100~160	lm	120	5	10	160	200	2000
>80	104~115	lm	120	15	10	110	220	2000
>80	110~125	lm	120	15	10	110	220	2000
>80	110~125	lm	120	15	10	110	220	2000
>80	115~130	lm	120	15	10	110	220	2000

>80	115~130	lm	120	15	10	110	220	2000
>80	115~130	lm	120	15	10	110	220	2000
> 80	110~130	lm	120	50	10	35	60	2000
> 80	120~140	lm	120	50	10	35	60	2000
> 80	120~150	lm	120	50	10	35	60	2000
> 80	120~150	lm	120	50	10	35	60	2000
> 80	120~150	lm	120	50	10	35	60	2000
> 80	120~150	lm	120	50	10	35	60	2000
> 80	110~130	lm	120	50	10	20	25	2000
> 80	120~140	lm	120	50	10	20	25	2000
> 80	120~150	lm	120	50	10	20	25	2000
> 80	120~150	lm	120	50	10	20	25	2000
> 80	120~150	lm	120	50	10	20	25	2000
> 80	120~150	lm	120	50	10	20	25	2000
> 80	9~14	lm	120	5	10	40	100	2000
> 80	8~13	lm	120	5	10	40	100	2000
> 80	9~14	lm	120	5	10	40	100	2000
> 80	10~15	lm	120	5	10	40	100	2000
>80	3500~5300	mcd	120	5	10	40	100	2000
>70	3500~4750	mcd	120	5	10	40	100	2000
>70	9~14	lm	120	5	10	40	100	2000
>70	10~15	lm	120	5	10	40	100	2000
>70	9~14	lm	120	5	10	40	100	2000
>70	9~14	lm	120	5	10	40	100	2000
>70	9~14	lm	120	5	10	40	100	2000
>70	100~160	lm	120	5	10	350	400	2000
>70	100~160	lm	120	10	10	150	200	2000
>80	130~145	lm	120	10	10	150	180	2000
>80	4300~8000	mcd	120	10	5	65	100	2000
>80	5300~10000	mcd	120	10	5	65	100	2000
>80	5300~10000	mcd	120	10	5	65	100	2000
>80	5300~10000	mcd	120	10	5	65	100	2000
>80	5300~10000	mcd	120	10	5	65	100	2000
>80	5300~10000	mcd	120	10	5	65	100	2000
>80	20~26	lm	120	7	50	75	300	2000
>80	20~26	lm	120	7	50	75	300	2000
>80	20~26	lm	120	7	50	75	300	2000
>80	20~26	lm	120	7	50	75	300	2000
>80	24~28	lm	120	7	50	75	300	2000
>80	24~28	lm	120	7	50	75	300	2000

evant factors to be taken in account, in this kind of measure .

ew items being added almost weekly.

via [info@nirrau.com.cn](mailto:info@nirrau.com.cn), we are pleased support you.