

Where to Buy

UV-LED

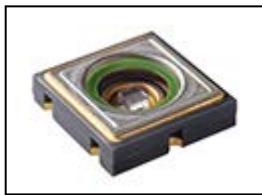
UV-LEDs require unique and delicate production process. Nichia places strict controls from wafer manufacturing to final inspection. For more than 20 years, Nichia UV-LEDs have been chosen by demanding customers that require rigorous quality such as high precision curing, ink curing (printing), bill checker etc.

Surface Mount Type



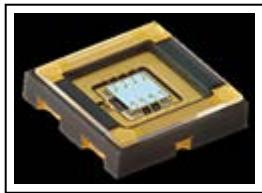
(Ts=25°C)

Part No.	NCSU434A 	
Peak Wavelength λ_p	Typ.(nm)	280
Radiant Flux Φ_E	Typ.(mW)	17.5
Forward Voltage V_F	Typ.(V)	5.3
	Max.(V)	6.0
Directivity $2\theta_{1/2}$	Typ.(degree)	110
I_F	(mA)	100
Size	LxWxH (mm)	3.5x3.5x1.72
Specifications	 .pdf	
Ray Data	Prosource	 .zip
	Lighttools	 .zip
	ZEMAX	 .zip
Applications		



(Ts=25°C)

Part No.		NCSU334B N
Peak Wavelength λ_p	Typ.(nm)	280
Radiant Flux Φ_E	Typ.(mW)	70
Forward Voltage V_F	Typ.(V)	5.5
	Max.(V)	6.5
Directivity $2\theta_{1/2}$	Typ.(degree)	115
I_F	(mA)	350
Size	LxWxH (mm)	6.8x6.8x2.12
Specifications		.pdf
Ray Data	Prosource	.zip
	Lighttools	.zip
	ZEMAX	.zip
Applications		



(Ts=25°C)

Part No.		NWSU333B N	NVSU333A
Peak Wavelength λ_p	Typ.(nm)	365	385
Radiant Flux Φ_E	Typ.(mW)	4,900	5,500
Forward Voltage V_F	Typ.(V)	3.85	3.70
	Max.(V)	4.2	4.0
Directivity $2\theta_{1/2}$	Typ.(degree)		120
I_F	(mA)		3,500
Size	LxWxH (mm)		6.8x6.8x1.9
Specifications		.pdf	.pdf
Ray Data	Prosource	.zip	.zip
	Lighttools	.zip	.zip

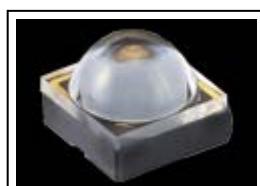
	ZEMAX			
Heat Management Application Note	Air Cooling			
	Water Cooling			
Applications				



(Ts=25°C)

Part No.		NVSU233B			
Peak Wavelength λ_p	Typ.(nm)	365	385	395	405
Radiant Flux Φ_E	Typ.(mW)	1,450	1,730	1,650	1,400
Forward Voltage V_F	Typ.(V)	3.85	3.7	3.65	3.45
	Max.(V)		4.2		4.0
Directivity $2\theta_{1/2}$	Typ.(degree)			120	
I_F	(mA)			1,000	
Size	LxWxH (mm)			3.5x3.5x1.23	
Specifications					
Ray Data	Prosource				
	Lighttools				
	ZEMAX				
Heat Management Application Note					
Applications					

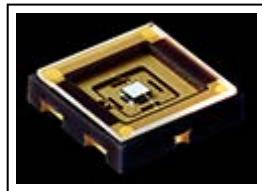
[Lens manufacture's page](#)



(Ts=25°C)

Part No.		NVSU233B-D4			
Peak Wavelength λ_p	Typ.(nm)	365	385	395	405

Radiant Flux Φ_E	Typ.(mW)	1,450	1,730	1,650	1,400
Forward Voltage V_F	Typ.(V)	3.85	3.7	3.65	3.45
	Max.(V)	4.2		4.0	
Directivity $2\theta_{1/2}$	Typ.(degree)		60		
I_F	(mA)			1,000	
Size	LxWxH (mm)			3.5x3.5x2.73	
Specifications					
Ray Data	Prosource	.zip	.zip	.zip	.zip
	Lighttools	.zip	.zip	.zip	.zip
	ZEMAX	.zip	.zip	.zip	.zip
Heat Management Application Note					
Applications					

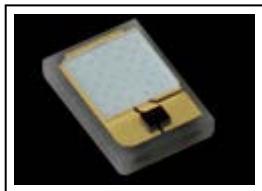


(Ts=25°C)

Part No.		NCSU033C	NCSU034C	NCSU035C
Peak Wavelength λ_p	Typ.(nm)	365	385	405
Radiant Flux Φ_E	Typ.(mW)	750	830	770
Forward Voltage V_F	Typ.(V)	3.8	3.55	3.4
	Max.(V)	4.4	4.3	3.9
Directivity $2\theta_{1/2}$	Typ.(degree)		115	
I_F	(mA)		500	
Size	LxWxH (mm)		6.8x6.8x1.9	
Specifications				
Ray Data	Prosource	.pdf	.pdf	.pdf
	Lighttools	.zip	.zip	.zip
	ZEMAX	.zip	.zip	.zip
Heat Management Application Note				
Applications				

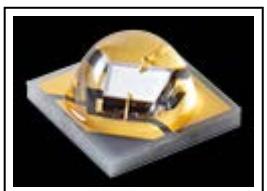


Link [Lens manufacture's page](#)



(Ts=25°C)

Part No.		NVSU279A		
Peak Wavelength λ_p	Typ.(nm)	385	395	405
Radiant Flux Φ_E	Typ.(mW)	1,650	1,650	1,600
Forward Voltage V_F	Typ.(V)	3.5	3.45	3.2
	Max.(V)		4.0	
Directivity $2\theta_{1/2}$	Typ.(degree)	135		140
I_F	(mA)		1,000	
Size	LxWxH (mm)	1.8x2.6x0.63		
Specifications				
Ray Data	Prosource	<input type="button"/> .zip	<input type="button"/> .zip	<input type="button"/> .zip
	Lighttools	<input type="button"/> .zip	<input type="button"/> .zip	<input type="button"/> .zip
	ZEMAX	<input type="button"/> .zip	<input type="button"/> .zip	<input type="button"/> .zip
Heat Management Application Note				
Applications				



(Ts=25°C)

Part No.		NCSU276C
Peak Wavelength λ_p	Typ.(nm)	365
Radiant Flux Φ_E	Typ.(mW)	1,050
Forward Voltage V_F	Typ.(V)	3.8
	Max.(V)	4.4
Directivity $2\theta_{1/2}$	Typ.(degree)	120
I_F	(mA)	500
Size	LxWxH (mm)	3.5x3.5x2.0

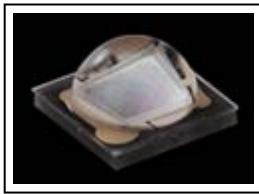
Specifications

Ray Data	Prosource Lighttools ZEMAX
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Applications



[Link](#) [Lens manufacture's page](#)



(Ts=25°C)

Part No.	
Peak Wavelength λ_p	Typ.(nm)
Radiant Flux Φ_E	Typ.(mW)
Forward Voltage V_F	Typ.(V)
	Max.(V)
Directivity $2\theta_{1/2}$	Typ.(degree)
I_F	(mA)
Size	LxWxH (mm)

Specifications

Ray Data	Prosource Lighttools ZEMAX
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Heat Management Application Note

Applications

NVSU119C

375	385	395	405
1,160	1,450	1,450	1,420
3.4	3.35	3.3	3.1
	3.8		3.6
	135		140
		700	
		3.5x3.5x2.0	

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(Ts=25°C)

Part No.	
Peak Wavelength λ_p	Typ.(nm)

NVSU219C

405

Radiant Flux Φ_E	Typ.(mW)	1,420
Forward Voltage V_F	Typ.(V)	3.1
	Max.(V)	3.6
Directivity $2\theta_{1/2}$	Typ.(degree)	140
I_F	(mA)	700
Size	LxWxH (mm)	3.5x3.5x2.0
Specifications		
Ray Data	Prosource	
	Lighttools	
	ZEMAX	
Applications		

[Lens manufacture's page](#)



(Ts=25°C)

Part No.	NSSU123
Peak Wavelength λ_p	375
Radiant Flux Φ_E	17.6
Forward Voltage V_F	3.3
	4.0
Directivity $2\theta_{1/2}$	125
I_F	20
Size	3.0x2.0x0.7
Specifications	
Ray Data	Prosource
	Lighttools
	ZEMAX
Applications	

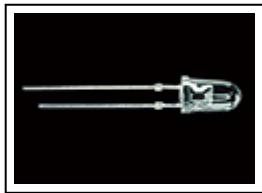


(Ts=25°C)

Part No.		NSSU100C	NSSU100D
Peak Wavelength λ_p	Typ.(nm)	365	375
Radiant Flux Φ_E	Typ.(mW)	4.8	9.9
Forward Voltage V_F	Typ.(V)	3.4	3.3
	Max.(V)	4.0	
Directivity $2\theta_{1/2}$	Typ.(degree)	110	
I_F	(mA)	20	
Size	LxWxH (mm)	3.0x2.0x1.2	
Specifications		.pdf	.pdf
Ray Data	Prosource	.zip	.zip
	Lighttools	.zip	.zip
	ZEMAX	.zip	.zip
Applications			

LAMP Type LED

Φ5 Type



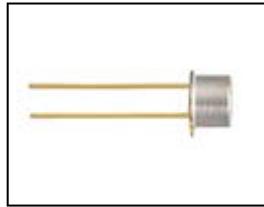
(Ts=25°C)

Part No.		NSPU510CS
Peak Wavelength λ_p	Typ.(nm)	375
Radiant Flux Φ_E	Typ.(mW)	15.1
Forward Voltage V_F	Typ.(V)	3.3
	Max.(V)	4.0
Directivity $2\theta_{1/2}$	Typ.(degree)	40
I_F	(mA)	15
Specifications		.pdf
		.zip

Ray Data	Prosource	
	Lighttools	
	ZEMAX	
Applications		

CAN Type LED

Φ4.7 Type



(Ts=25°C)

Part No.		NSHU551C	
Peak Wavelength λ_p	Typ.(nm)	365	375
Radiant Flux Φ_E	Typ.(mW)	5.4	12.3
Forward Voltage V_F	Typ.(V)	3.4	3.3
	Max.(V)	4.0	4.0
Directivity $2\theta_{1/2}$	Typ.(degree)	110	
I_F	(mA)	20	
Specifications			
Ray Data	Prosource		
	Lighttools		
	ZEMAX		
Applications			



(Ts=25°C)

Part No.		NSHU591C	
Peak Wavelength λ_p	Typ.(nm)	365	375
Radiant Flux Φ_E	Typ.(mW)	4.0	9.0

Forward Voltage V_F	Typ.(V)	3.4	3.3
	Max.(V)	4.0	4.0
Directivity 2θ ½	Typ.(degree)	10	
I _F	(mA)	20	
Specifications			.pdf
Ray Data	Prosource	.zip	.zip
	Lighttools	.zip	.zip
	ZEMAX	.zip	.zip
Applications			

*The photos might not exactly be the same as the original.

*The "Typ." in the products page indicates typical value so that is not under guarantee.



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