

The background is a vibrant blue gradient. A bright, glowing light streak curves from the top left towards the center. The lower half of the image features a pattern of semi-transparent blue dots of varying sizes, creating a textured effect. The text is centered in the middle of the page.

Build an On Demand Lighting World

CSC Your Best LED Partner

Location and Distribution



- Founded at 1973, Taiwan based, CSC offers wide range LED products with rigid quality and outstanding performance.
- CSC's custom made modules help customers to create elegant Graphic and Numeric Display for home appliance and equipments. For optimized slim outline consideration, a whole series of thin SMD Display perfectly fit into the modern design for equipments and digital products. The standard high brightness LED Lamps and Piranhas offer the perfect solution making glorious message boards and lighting applications. CSC also provide a variety of High Power components and modules for the shining LED lighting fixtures.
- Head quartered in Taipei, operates a well organized factory in east China, CSC service customers covers Asia, North and Middle America, Europe, Oceania and Africa. Support fields including HA, Signage, Industrial Equipments, Medical, Security, Consumers and Lightings.



VEGA Power LED



CHINA SEMICONDUCTOR CORP.

Features

- 1.High Luminous Output
- 2.Silicone Encapsulation
- 3.RoHs Compliant
- 4.Compatible Lead-Free Reflow Solder
- 5.ESD>8KV(HBM)
- 6.Standard Collimator Compatible
- 7.Low thermal resistance (junction to Case) : 10°C/W
- 8.Color Temperature : 2500K~10000K

Applications

- 1.General Illumination
- 2.Street lights
- 3.Down lights
- 4.Architectural lighting
- 5.Direction lighting
- 6.Reading light
- 7.Portable(flash light,bicycle head light)
- 8.Garden lighting

Taiwan head office

CHINA SEMICONDUCTOR CORPORATION 2F, No. 909 , Chung-Cheng Rd., Chung-Ho City, Taipei Hsien , Taiwan 235
Tel : +886-2-2223-9696 Fax : +886-2-2223-9377 <http://www.csctw.com.tw> sales@csctw.com.tw



VEGA Power LED

High Luminous Output
Silicone Encapsulation
RoHS Compliant
Compatible Lead-Free Reflow Solder
ESD-90K(HBM)
Standard Collimator Compatible
Low thermal resistance (junction to case) : 10.5/W
Color Temperature : 2500K~10000K

1 Watt series

Part Number	mm	Color	Viewing angle	CCT(°K)		Wd(nm)	V _F (v)	I _F (mA)	CRI	lm
				Min	Max					
CSHV-NL60PBG4-A0	14.5 x 8 x 5.2	Purple Blue	140	-	-	450	3.4	350	-	10
CSHV-NL60SBG4-A0		Standard Blue		-	-	465	3.4	350	-	15
CSHV-NL60TGG4-A0		True Green		-	-	525	3.4	350	-	65
CSHV-UL60YLG4-A0		Yellow		-	-	590	2.4	350	-	45
CSHV-UL60HRG4-A0		Red		-	-	625	2.4	350	-	45
CSHV-UL60DRG4-A0		Deep Red		-	-	645	2.4	350	-	18
CSHV-NL60SWG4-A6		Standard White		4500	10000	-	3.4	350	70	75
CSHV-NL60WWG4-A6		Warm White	2500	4600	-	3.4	350	65	60	
CSHV-NL60SWG4-A7		Standard White	4500	10000	-	3.4	350	65	90	
CSHV-NL60WWG4-A7		Warm White	2500	4600	-	3.4	350	50	90	
CSHV-NL60CWG4-D1		Cool White	4745	7040	-	3.4	350	77	75	
CSHV-NL60NWG4-D1		Neutral White	3710	4745	-	3.4	350	77	75	
CSHV-NL60WWG4-D1		Warm White	2580	3710	-	3.4	350	77	65	
CSHV-NL60CWG4-C2		Cool White	4745	7040	-	3.4	350	92	65	
CSHV-NL60NWG4-C2	Neutral White	3710	4745	-	3.4	350	92	65		
CSHV-NL60WWG4-C2	Warm White	2580	3710	-	3.4	350	92	60		
CSHV-NL60SWA4-A6	14.5 x 8 x 6.05	Standard White	60	4500	10000	-	3.4	350	70	75
CSHV-NL60WWA4-A6		Warm White		2500	4600	-	3.4	350	65	60
CSHV-NL60SWA4-A7		Standard White		4500	10000	-	3.4	350	65	90
CSHV-NL60WWA4-A7		Warm White		2500	4600	-	3.4	350	50	90

3 Watt series

Part Number	mm	Color	Viewing angle	CCT(°K)		Wd(nm)	V _F (v)	I _F (mA)	CRI	lm
				Min	Max					
CSHV-NL60SWG4-T1	14.5 x 8 x 5.2	Standard White	120	4500	10000	-	3.8	700	65	140
CSHV-NL60WWG4-T1		Warm White		2500	4600	-	3.8	700	45	140
CSHV-NL60SWA4-T1		60	Standard White	4500	10000	-	3.8	700	65	140
CSHV-NL60WWA4-T1			Warm White	2500	4600	-	3.8	700	45	140



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UFO LEDs (Super Flux)



CHINA SEMICONDUCTOR CORP.

Features and Benefits

1. High Luminous Output
2. High Reliability and Solid Performance
3. Optimal Optical/Mechanical Design
4. Rohs Compliant
5. High Current Operation
6. Packaged in Tubes for Use with Automatic Pick and Place Equipment

Applications

1. Automotive Lighting
2. Center High-Mounted Stop Lamps
3. Electronic Signs and Signals
4. Special Lighting application

Part Number	Color	Dominant Wavelength ΔD(nm) or (X, Y)	Luminous Flux IF=70mA (for R/Y) IF=30mA (for G/B/W)		Viewing Angle 2θ½	Forward Voltage IF=70mA (for R/Y) IF=30mA (for G/B/W)	
			Min.	Typ.		Typ.	Max.
CSPR-N333SB4-A0R	Blue	465	1000	2000	20	3.5	4.0
CSPR-N333SB4-B0R	Blue	465	600	1400	20	3.5	4.0
CSPR-N333TG4-A0R	Green	525	3000	5000	20	3.5	4.0
CSPR-N333TG4-B0R	Green	525	2000	3500	20	3.5	4.0
CSPR-N333SW4-A0R	Standard White	(0.31, 0.32)	3000	5000	20	3.5	4.0
CSPR-N333SW4-B0R	Standard White	(0.31, 0.32)	2000	3500	20	3.5	4.0
CSPR-U333YL4-A0R	Yellow	590	4000	6000	20	2.6	3.2
CSPR-U333HR4-A0R	Red	625	4000	6000	20	2.6	3.2

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UFO LEDs (Super Flux)

High Luminous Output
Silicone Encapsulation
RoHS Compliant
Compatible Lead-Free Reflow Solder
ESD-PROTECTED
Standard Colimeter Compatible
Low thermal resistance (junction to case) : 10.5/W
Color Temperature : 2500K~10000K

Part Number	Color	Dominant Wavelength λD(nm) or (X,Y)	Luminous Flux		Viewing Angle 2θ½	Forward Voltage	
			IF=70mA (for R/Y)	IF=30mA (for G/B/W)		IF=70mA (for R/Y)	IF=30mA (for G/B/W)
			Min	Typ		Typ	Max
CSPR-N507SB4-A0R	Blue	465	1000	2000	40	3.5	4.0
CSPR-N507SB4-B0R	Blue	465	600	1400	40	3.5	4.0
CSPR-N507TG4-A0R	Green	525	3000	5000	40	3.5	4.0
CSPR-N507TG4-B0R	Green	525	2000	3500	40	3.5	4.0
CSPR-N507SW4-A0R	Standard White	(0.31, 0.32)	3000	5000	40	3.5	4.0
CSPR-N507SW4-B0R	Standard White	(0.31, 0.32)	2000	3500	40	3.5	4.0
CSPR-U507YL4-A0R	Yellow	590	4000	6000	40	2.6	3.2
CSPR-U507HR4-A0R	Red	625	4000	6000	40	2.6	3.2
CSPR-N329SB4-A0R	Blue	465	1000	2000	50	3.5	4.0
CSPR-N329SB4-B0R	Blue	465	600	1400	50	3.5	4.0
CSPR-N329TG4-A0R	Green	525	3000	5000	50	3.5	4.0
CSPR-N329TG4-B0R	Green	525	2000	3500	50	3.5	4.0
CSPR-N329SW4-A0R	Standard White	(0.31, 0.32)	3000	5000	50	3.5	4.0
CSPR-N329SW4-B0R	Standard White	(0.31, 0.32)	2000	3500	50	3.5	4.0
CSPR-U329YL4-A0R	Yellow	590	4000	6000	50	2.6	3.2
CSPR-U329HR4-A0R	Red	625	4000	6000	50	2.6	3.2
CSPR-N30BS34-A0R	Blue	465	1000	2000	70	3.5	4.0
CSPR-N30BS34-B0R	Blue	465	600	1400	70	3.5	4.0
CSPR-N30BTG4-A0R	Green	525	3000	5000	70	3.5	4.0
CSPR-N30BTG4-B0R	Green	525	2000	3500	70	3.5	4.0
CSPR-N30BSW4-A0R	Standard White	(0.31, 0.32)	3000	5000	70	3.5	4.0
CSPR-N30BSW4-B0R	Standard White	(0.31, 0.32)	2000	3500	70	3.5	4.0
CSPR-U30BYL4-A0R	Yellow	590	3500	5500	70	2.6	3.2
CSPR-U30BHR4-A0R	Red	625	3500	5500	70	2.6	3.2
CSPR-N50ES34-A0R	Blue	465	1000	2000	90	3.5	4.0
CSPR-N50ES34-B0R	Blue	465	600	1400	90	3.5	4.0
CSPR-N50ETG4-A0R	Green	525	3000	5000	90	3.5	4.0
CSPR-N50ETG4-B0R	Green	525	2000	3500	90	3.5	4.0
CSPR-N50ESW4-A0R	Standard White	(0.31, 0.32)	3000	5000	90	3.5	4.0
CSPR-N50ESW4-B0R	Standard White	(0.31, 0.32)	2000	3500	90	3.5	4.0
CSPR-U50EYL4-A0R	Yellow	590	3000	5000	90	2.6	3.2
CSPR-U50EHR4-A0R	Red	625	3000	5000	90	2.6	3.2
CSPR-N70ES34-A0R	Blue	465	1000	2000	100	3.5	4.0
CSPR-N70ES34-B0R	Blue	465	600	1400	100	3.5	4.0
CSPR-N70ETG4-A0R	Green	525	3000	5000	100	3.5	4.0
CSPR-N70ETG4-B0R	Green	525	2000	3500	100	3.5	4.0
CSPR-N70ESW4-A0R	Standard White	(0.31, 0.32)	3000	5000	100	3.5	4.0
CSPR-N70ESW4-B0R	Standard White	(0.31, 0.32)	2000	3500	100	3.5	4.0
CSPR-U70EYL4-A0R	Yellow	590	3000	5000	100	2.6	3.2
CSPR-U70EHR4-A0R	Red	625	3000	5000	100	2.6	3.2
CSPR-N71HSB4-A0R	Blue	465	1000	2000	130	3.5	4.0
CSPR-N71HSB4-B0R	Blue	465	600	1400	130	3.5	4.0
CSPR-N71HTG4-A0R	Green	525	3000	5000	130	3.5	4.0
CSPR-N71HTG4-B0R	Green	525	2000	3500	130	3.5	4.0
CSPR-N71HSW4-A0R	Standard White	(0.31, 0.32)	3000	5000	130	3.5	4.0
CSPR-N71HSW4-B0R	Standard White	(0.31, 0.32)	2000	3500	130	3.5	4.0
CSPR-U71HYL4-A0R	Yellow	590	3000	5000	130	2.6	3.2
CSPR-U71HHR4-A0R	Red	625	3000	5000	130	2.6	3.2



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SUPER bright LED lamps



3 mm (T1) round LED

Features and Benefits

- 1.High Luminous Output
- 2.Low Power Consumption.
- 3.High Reliability and Solid Performance
- 4.Optimal Optical/Mechanical Design
- 5.Rohs Compliant

Applications

- 1.Optical Indicators
- 2.Traffic signal light
- 3.Marker lights
- 4.Commercial outdoor advertising

Part Number	Color	Dominant Wavelength λ_D (nm)	Luminous Intensity I_v (mcd)		Viewing Angle $2\theta_{1/2}$	Forward Voltage V_f (V)	
			Min.	Typ.		Typ.	Max.
CSLR-N305SB4-A0R	Blue	465	2160	3000	30	3.2	3.6
CSLR-N305SB4-B0R	Blue	465	1680	2160	30	3.2	3.6
CSLR-N305TG4-A0R	Green	525	11180	15600	30	3.3	3.8
CSLR-N305TG4-B0R	Green	525	6630	8450	30	3.3	3.8
CSLR-N305SW4-A0R	Standard White	(0.31 , 0.32)	3750	6250	30	3.2	3.6
CSLR-N305WW4-A0R	Warm White	(0.45 , 0.41)	3000	5000	30	3.2	3.6
CSLR-U305YL4-A0R	Yellow	590	1400	2800	30	2.2	2.6
CSLR-U305YL4-B0R	Yellow	590	830	1800	30	2.2	2.6
CSLR-U305HR4-A0R	Red	625	1400	3000	30	2.2	2.6
CSLR-U305HR4-B0R	Red	625	830	1800	30	2.2	2.6

CHINA SEMICONDUCTOR CORP.



SUPER bright LED lamps

High Luminous Output
Silicone Encapsulation
RoHS Compliant
Compatible to Lead-Free Reflow Solder
ESD (8kV) HBM
Standard Collimator Compatible
Low Thermal resistance (junction to case) - 10 3/W
Color Temperature - 2500K~10000K

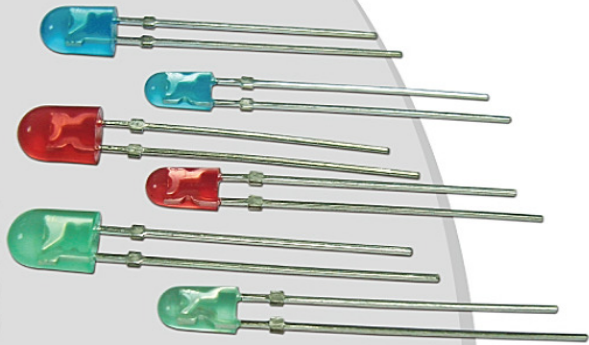
5 mm (T1 3/4) round LED

Part Number	Color	Dominant Wavelength λ_D (nm)	Luminous Intensity I_v (mcd) $I_F=20mA$		Viewing Angle $2\theta_{1/2}$	Forward Voltage V_F (V)	
			Min.	Typ.		Typ.	Max.
CSLR-N502SB4-A0R	Blue	465	4680	6600	15	3.2	3.6
CSLR-N502SB4-B0R	Blue	465	3600	5400	15	3.2	3.6
CSLR-N502TG4-A0R	Green	525	18980	28600	15	3.3	3.8
CSLR-N502TG4-B0R	Green	525	11180	22100	15	3.3	3.8
CSLR-N502SW4-A0R	Standard White	(0.31, 0.32)	14000	18250	15	3.2	3.6
CSLR-N502SW4-B0R	Standard White	(0.31, 0.32)	10750	12500	15	3.2	3.6
CSLR-N502WW4-A0R	Warm White	(0.45, 0.41)	10750	15000	15	3.2	3.6
CSLR-N502WW4-B0R	Warm White	(0.45, 0.41)	8250	10000	15	3.2	3.6
CSLR-U502YL4-A0R	Yellow	590	6120	9600	15	2.1	2.6
CSLR-U502YL4-B0R	Yellow	590	4680	6600	15	2.1	2.6
CSLR-U502HR4-A0R	Red	625	6120	9600	15	2.1	2.6
CSLR-U502HR4-B0R	Red	625	4680	6600	15	2.1	2.6
CSLR-N505SB4-A0R	Blue	465	2160	3000	30	3.2	3.6
CSLR-N505SB4-B0R	Blue	465	1680	2400	30	3.2	3.6
CSLR-N505TG4-A0R	Green	525	8580	11700	30	3.3	3.8
CSLR-N505TG4-B0R	Green	525	6630	9750	30	3.3	3.8
CSLR-N505GC4-A0R	Bluish Green	505	8580	11700	30	3.3	3.8
CSLR-N505SW4-A0R	Standard White	(0.31, 0.32)	6375	7500	30	3.2	3.6
CSLR-N505SW4-B0R	Standard White	(0.31, 0.32)	4875	6000	30	3.2	3.6
CSLR-N505WW4-A0R	Warm White	(0.45, 0.41)	5100	6000	30	3.2	3.6
CSLR-N505WW4-B0R	Warm White	(0.45, 0.41)	3900	4800	30	3.2	3.6
CSLR-U505YL4-A0R	Yellow	590	3600	5400	30	2.1	2.6
CSLR-U505YL4-B0R	Yellow	590	2160	3000	30	2.1	2.6
CSLR-U505HR4-A0R	Red	625	3600	5400	30	2.1	2.6
CSLR-U505HR4-B0R	Red	625	1680	2160	30	2.1	2.6
CSLR-N508SB4-A0R	Blue	465	1296	1440	45	3.2	3.6
CSLR-N508SB4-B0R	Blue	465	996	1200	45	3.2	2.6
CSLR-N508TG4-A0R	Green	525	6630	7800	45	3.3	3.6
CSLR-N508TG4-B0R	Green	525	5070	6240	45	3.3	3.6
CSLR-N508SW4-A0R	Standard White	(0.31, 0.32)	4875	7500	45	3.2	3.6
CSLR-N508SW4-B0R	Standard White	(0.31, 0.32)	3750	6000	45	3.2	3.6
CSLR-N508WW4-A0R	Warm White	(0.45, 0.41)	3900	6000	45	3.2	3.6
CSLR-N508WW4-B0R	Warm White	(0.45, 0.41)	3000	4800	45	3.2	3.6
CSLR-U508YL4-A0R	Yellow	590	960	1200	45	2.2	2.6
CSLR-U508YL4-B0R	Yellow	590	768	960	45	2.2	2.6
CSLR-U508HR4-A0R	Red	625	960	1200	45	2.2	2.6
CSLR-U508HR4-B0R	Red	625	768	960	45	2.2	2.6

Straw hat led

Part Number	Color	Dominant Wavelength λ_D (nm)	Luminous Intensity I_v (mcd)		Viewing Angle $2\theta_{1/2}$	Forward Voltage V_F (V)	
			Min.	Typ.		Typ.	Max.
CSLR-N55FSW4-A0R	Standard White	(0.31, 0.32)	1750	2500	110	3.2	3.6
CSLR-N55FSW4-B0R	Standard White	(0.31, 0.32)	1350	1750	110	3.2	3.6
CSLR-N55FWW4-A0R	Warm White	(0.45, 0.41)	1400	2000	110	3.2	3.6
CSLR-N55FWWR4-B0R	Warm White	(0.45, 0.41)	1080	1400	110	3.2	3.6

OVAL LED Lamp



Features and Benefits

- 1.High Luminous Output
- 2.Low Power Consumption.
- 3.High Reliability and Solid Performance
- 4.Optimal Optical/Mechanical Design
- 5.Rohs Compliant

Applications

- 1.Color graphic signs
- 2.Message boards
- 3.Variable message signs (VMS)
- 4.Commercial outdoor advertising video board

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OV^{AL} LED Lamp

High Luminous Output
 Silicone Encapsulation
 RoHS Compliant
 Compatible Lead-Free Reflow Solder
 ESD-88V(HBM)
 Standard Collector Compatible
 Low thermal resistance (junction to case) : 10.0/W
 Color Temperature : 2500K~10000K

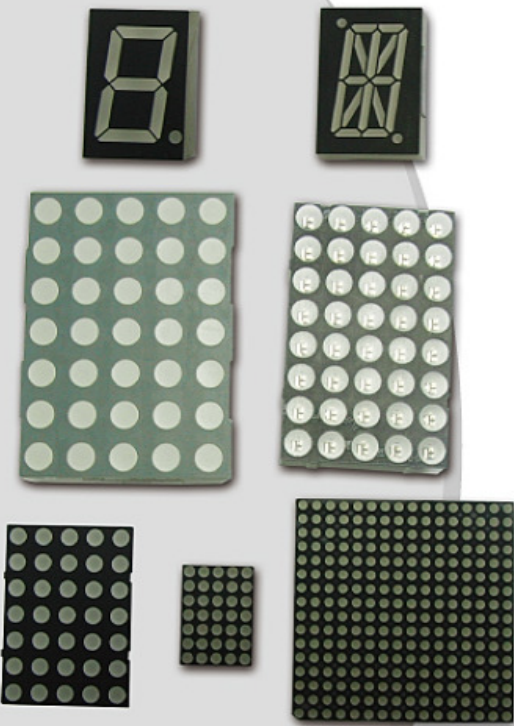
4mm/5mm Oval LED

Part Number	Color		Dominant Wavelength λ_D (nm)	Luminous Intensity I_v (mcd) IF=20mA		Viewing Angle 2 $\theta_{1/2}$	Forward Voltage V_f (V)	
				Min.	Typ.		Typ.	Max.
CSLO-N34SSB1-A0R		Blue	465	300	500	110/40	3.3	3.6
CSLO-N34STG1-A0R		Green	525	1020	1800	110/40	3.3	3.6
CSLO-U34SYL1-A0R		Yellow	590	550	800	110/40	2	2.4
CSLO-U34SHR1-A0R		Red	625	490	800	110/40	2	2.4
CSLO-N54SSB1-A0R		Blue	465	300	500	110/40	3.3	3.6
CSLO-N54STG1-A0R		Green	525	1020	1800	110/40	3.3	3.6
CSLO-U54SYL1-A0R		Yellow	590	640	900	110/40	2	2.4
CSLO-U54SHR1-A0R		Red	625	640	900	110/40	2	2.4



DOT Matrix NUMERIC ALPHANUMERIC

Display



Features and Benefits

LED digital display incorporate low current capability, low power consumption , and high brightness in various through-hole type. Our portfolio includes one, two, three and four digit, alphanumeric, dot matrix display. They are suitable for both industrial and consumer applications.

Applications

- 1.Audio equipment.
- 2.Household appliances.
- 3.Set top box.
- 4.Game machine.
- 5.Moving message panels.

CHINA SEMICONDUCTOR CORP.














Dot Matrix / Numeric / Alphanumeric Display

High Luminous Output
Silicone Encapsulation
RoHS Compliant
Compatible Lead-Free Reflow Solder
ESD-90V(HBM)
Standard Collimator Compatible
Low Thermal Resistance (Junction to Case) : 10 °C/W
Color Temperature : 2500K~10000K







LED Display Series

IF=10mA

Product Type	Common Anode	Common Cathode	Emitting Color	AD (nm)	Intensity (mcd)	
					Min.	Typ.
0.56 inch Single Digit 	CSDS-56102B	CSDS-56103B	Blue	470	9	22
	CSDS-56102M	CSDS-56103M	Green	570	5.6	14
	CSDS-56102T	CSDS-56103T	Yellow	590	15	38
	CSDS-56102A	CSDS-56103A	Amber	605	16	40
	CSDS-56102V	CSDS-56103V	Orange Red	624	14	35
1.00 inch Single Digit 	CSDS-1A102B	CSDS-1A103B	Blue	470	20	50
	CSDS-1A102M	CSDS-1A103M	Green	570	14	35
	CSDS-1A102T	CSDS-1A103T	Yellow	590	32	80
	CSDS-1A102A	CSDS-1A103A	Amber	605	32	80
	CSDS-1A102V	CSDS-1A103V	Orange Red	624	32	80
2.30 inch Single Digit 	CSDS-2D100B	CSDS-2D101B	Blue	470	30	75
	CSDS-2D100M	CSDS-2D101M	Green	570	24	60
	CSDS-2D100T	CSDS-2D101T	Yellow	590	36	90
	CSDS-2D100A	CSDS-2D101A	Amber	605	38	95
	CSDS-2D100V	CSDS-2D101V	Orange Red	624	36	90
	CSDS-2D105VMB	CSDS-2D107VMB	R.G.B. (Rich color)	80	200	
4.00 inch Single Digit 	CSDS-4A100B	CSDS-4A101B	Blue	470	38	95
	CSDS-4A100M	CSDS-4A101M	Green	570	28	70
	CSDS-4A100T	CSDS-4A101T	Yellow	590	44	110
	CSDS-4A100A	CSDS-4A101A	Amber	605	44	110
	CSDS-4A100V	CSDS-4A101V	Orange Red	624	42	105
0.30 inch Dual Digit 	CSDD-30200B	CSDD-30201B	Blue	470	5.6	14
	CSDD-30200M	CSDD-30201M	Green	570	5.6	14
	CSDD-30200T	CSDD-30201T	Yellow	590	10	25
	CSDD-30200A	CSDD-30201A	Amber	605	10	25
	CSDD-30200V	CSDD-30201V	Orange Red	624	9	23
0.56 inch Dual Digit 	CSDD-56202B	CSDD-56203B	Blue	470	8.5	22
	CSDD-56202M	CSDD-56203M	Green	570	5.6	14
	CSDD-56202T	CSDD-56203T	Yellow	590	16	40
	CSDD-56202A	CSDD-56203A	Amber	605	16	40
	CSDD-56202V	CSDD-56203V	Orange Red	624	14	35
0.36 inch Triple Digit 	CSDT-36300B	CSDT-36301B	Blue	470	5.6	14
	CSDT-36300M	CSDT-36301M	Green	570	5.6	14
	CSDT-36300T	CSDT-36301T	Yellow	590	11	28
	CSDT-36300A	CSDT-36301A	Amber	605	11	28
	CSDT-36300V	CSDT-36301V	Orange Red	624	10	25
0.80 inch Triple Digit 	CSDT-80300B	CSDT-80301B	Blue	470	8.8	22
	CSDT-80300M	CSDT-80301M	Green	570	5.5	14
	CSDT-80300T	CSDT-80301T	Yellow	590	16	40
	CSDT-80300A	CSDT-80301A	Amber	605	16	40
	CSDT-80300V	CSDT-80301V	Orange Red	624	14	35
0.39 inch Quad Digit 	CSDQ-39400B	CSDQ-39401B	Blue	470	5.6	14
	CSDQ-39400M	CSDQ-39401M	Green	570	5.5	14
	CSDQ-39400T	CSDQ-39401T	Yellow	590	11	28
	CSDQ-39400A	CSDQ-39401A	Amber	605	11.2	28
	CSDQ-39400V	CSDQ-39401V	Orange Red	624	10	25
0.54 inch Dual Digit 	CSDD-54200B	CSDD-54201B	Blue	470	8	20
	CSDD-54200M	CSDD-54201M	Green	570	5.6	14
	CSDD-54200T	CSDD-54201T	Yellow	590	15	38
	CSDD-54200A	CSDD-54201A	Amber	605	15.5	38
	CSDD-54200V	CSDD-54201V	Orange Red	624	14	35
1.00 inch Single Digit 	CSDS-1A104B	CSDS-1A105B	Blue	470	20	50
	CSDS-1A104M	CSDS-1A105M	Green	570	14	35
	CSDS-1A104T	CSDS-1A105T	Yellow	590	30	75
	CSDS-1A104A	CSDS-1A105A	Amber	605	30	75
	CSDS-1A104V	CSDS-1A105V	Orange Red	624	28	70

Dot-Matrix Display Series

IF=10mA

Product Type	Row Anode, Column Cathode	Column Anode, Row Cathode	Emitting Color	AD (nm)	Intensity (mcd)	
					Min.	Typ.
5*7, 1.2 inch, Ø2.9mm Dot Pitch 4.57mm 	CSDM-57100B	CSDM-57101B	Blue	470	10	25
	CSDM-57100M	CSDM-57101M	Green	570	6.4	16
	CSDM-57100T	CSDM-57101T	Yellow	590	16	40
	CSDM-57100A	CSDM-57101A	Amber	605	16	40
	CSDM-57100V	CSDM-57101V	Orange Red	624	14.5	37
5*8, 2.3 inch, Ø5.0mm Dot Pitch 7.62mm 	CSDM-58200B	CSDM-58201B	Blue	470	14	35
	CSDM-58200M	CSDM-58201M	Green	570	8	20
	CSDM-58200T	CSDM-58201T	Yellow	590	28	70
	CSDM-58200A	CSDM-58201A	Amber	605	28	70
	CSDM-58200V	CSDM-58201V	Orange Red	624	26	65
8*8, 0.76 inch, Ø1.9mm Dot Pitch 2.5mm 	CSDM-88002B	CSDM-88003B	Blue	470	4	10
	CSDM-88002M	CSDM-88003M	Green	570	3.2	8
	CSDM-88002T	CSDM-88003T	Yellow	590	11	28
	CSDM-88002A	CSDM-88003A	Amber	605	11	28
	CSDM-88002V	CSDM-88003V	Orange Red	624	10.4	26
8*8, 1.5 inch, Ø3.7mm Dot Pitch 4.76mm 	CSDM-88114B	CSDM-88115B	Blue	470	12	30
	CSDM-88114M	CSDM-88115M	Green	570	7.2	18
	CSDM-88114T	CSDM-88115T	Yellow	590	18	45
	CSDM-88114A	CSDM-88115A	Amber	605	18	45
	CSDM-88114V	CSDM-88115V	Orange Red	624	17	42
8*8, 2.3 inch, Ø5.0mm Dot Pitch 7.62mm 	CSDM-88204B	CSDM-88205B	Blue	470	14	35
	CSDM-88204M	CSDM-88205M	Green	570	8	20
	CSDM-88204T	CSDM-88205T	Yellow	590	28	70
	CSDM-88204A	CSDM-88205A	Amber	605	28	70
	CSDM-88204V	CSDM-88205V	Orange Red	624	26	65
16*16, 1.5 inch, Ø1.7mm Dot Pitch 2.5mm 	CSDM-16100B	CSDM-16101B	Blue	470	3	8
	CSDM-16100M	CSDM-16101M	Green	570	2.8	7
	CSDM-16100T	CSDM-16101T	Yellow	590	10	25
	CSDM-16100A	CSDM-16101A	Amber	605	10	25
	CSDM-16100V	CSDM-16101V	Orange Red	624	8.5	22



Taiwan head office

CHINA SEMICONDUCTOR CORPORATION 2F, No. 909, Chung-Cheng Rd., Chung-Ho City, Taipei Hsien, Taiwan 235

Tel : +886-2-2223-9696 Fax : +886-2-2223-9377 http://www.csctw.com.tw sales@csctw.com.tw

SURFACE Mount Display

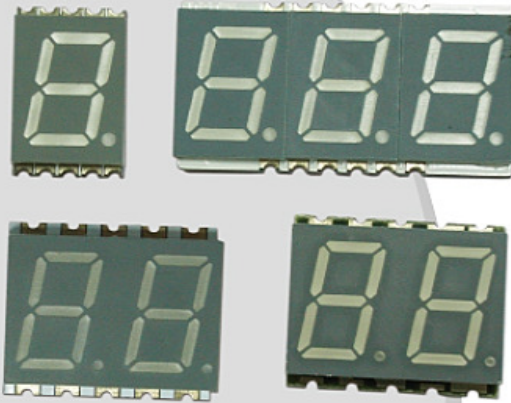


Features and Benefits

1. The thickness is much thinner than the traditional display.
2. Packaged in tape and reel for SMT manufacturing.
3. Categorized for luminous intensity.
4. Qualified according to JEDEC moisture sensitivity Level 2a.

Applications







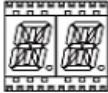





1. Suitable for indoor use.
2. Audio system.
3. Set top box / Instrument .
4. Game machine.
5. Channel indicator of TV.



CHINA SEMICONDUCTOR CORP.

Alphanumeric SMD Display

IF=10mA

Product Type	Common Anode	Common Cathode	Emitting Color	AD (nm)	Intensity (mcd)	
					Min.	Ty
0.40 inch Single Digit 	CSDS-S40126B	CSDS-S40127B	 Blue	470	2.4	6
	CSDS-S40126M	CSDS-S40127M	 Green	570	2.4	6
	CSDS-S40126T	CSDS-S40127T	 Yellow	590	5.6	14
	CSDS-S40126A	CSDS-S40127A	 Amber	605	6.4	16
	CSDS-S40126V	CSDS-S40127V	 Orange Red	624	5.6	14
0.40 inch Dual Digit 	CSDD-S40228B	CSDD-S40229B	 Blue	470	2.4	6
	CSDD-S40228M	CSDD-S40229M	 Green	570	2.4	6
	CSDD-S40228T	CSDD-S40229T	 Yellow	590	5.6	14
	CSDD-S40228A	CSDD-S40229A	 Amber	605	6.4	16
	CSDD-S40228V	CSDD-S40229V	 Orange Red	624	5.6	14

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CHINA SEMICONDUCTOR CORPORATION 2F, No. 909, Chung-Cheng Rd., Chung-Ho City, Taipei Hsien, Taiwan 235
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SURFACE Mount Display

High Luminous Output
Silicone Encapsulation
RoHS Compliant
Compatible Lead-Free Reflow Solder
ESD-8KV(HBM)
Standard Colloids Compatible
Low Thermal Resistance (Junction to Case) : 10 °C/W
Color Temperature : 2900K~10000K

Surface Mount Display Series

IF=10mA

Product Type	Common Anode	Common Cathode	Emitting Color	AD (nm)	Intensity (mcd)	
					Min.	Typ.
0.20 inch Single Digit 	CSDS-S20122B	CSDS-S20123B	 Blue	470	2	5
	CSDS-S20122M	CSDS-S20123M	 Green	570	2	5
	CSDS-S20122T	CSDS-S20123T	 Yellow	590	3.2	8
	CSDS-S20122A	CSDS-S20123A	 Amber	605	3.4	8.5
	CSDS-S20122V	CSDS-S20123V	 Orange Red	624	3	7.5
0.30 inch Single Digit 	CSDS-S30120B	CSDS-S30121B	 Blue	470	2	5
	CSDS-S30120M	CSDS-S30121M	 Green	570	2	5
	CSDS-S30120T	CSDS-S30121T	 Yellow	590	4	10
	CSDS-S30120A	CSDS-S30121A	 Amber	605	4	10
	CSDS-S30120V	CSDS-S30121V	 Orange Red	624	3.6	9
0.30 inch Dual Digit 	CSDD-S30228B	CSDD-S30229B	 Blue	470	2	5
	CSDD-S30228M	CSDD-S30229M	 Green	570	2	5
	CSDD-S30228T	CSDD-S30229T	 Yellow	590	4	10
	CSDD-S30228A	CSDD-S30229A	 Amber	605	4	10
	CSDD-S30228V	CSDD-S30229V	 Orange Red	624	3.6	9
0.30 inch Triple Digit 	CSDT-S30320B	CSDT-S30321B	 Blue	470	2	5
	CSDT-S30320M	CSDT-S30321M	 Green	570	2	5
	CSDT-S30320T	CSDT-S30321T	 Yellow	590	4	10
	CSDT-S30320A	CSDT-S30321A	 Amber	605	4	10
	CSDT-S30320V	CSDT-S30321V	 Orange Red	624	3.6	9
0.39 inch Single Digit 	CSDS-S39126B	CSDS-S39127B	 Blue	470	2.4	6
	CSDS-S39126M	CSDS-S39127M	 Green	570	2.4	6
	CSDS-S39126T	CSDS-S39127T	 Yellow	590	5.6	14
	CSDS-S39126A	CSDS-S39127A	 Amber	605	6.4	16
	CSDS-S39126V	CSDS-S39127V	 Orange Red	624	5.6	14
0.40 inch Single Digit 	CSDS-S40124B	CSDS-S40125B	 Blue	470	2.4	6
	CSDS-S40124M	CSDS-S40125M	 Green	570	2.4	6
	CSDS-S40124T	CSDS-S40125T	 Yellow	590	5.6	14
	CSDS-S40124A	CSDS-S40125A	 Amber	605	6.4	16
	CSDS-S40124V	CSDS-S40125V	 Orange Red	624	5.6	14
0.40 inch Dual Digit 	CSDD-S40224B	CSDD-S40225B	 Blue	470	2.4	6
	CSDD-S40224M	CSDD-S40225M	 Green	570	2.4	6
	CSDD-S40224T	CSDD-S40225T	 Yellow	590	5.6	14
	CSDD-S40224A	CSDD-S40225A	 Amber	605	6.4	16
	CSDD-S40224V	CSDD-S40225V	 Orange Red	624	5.6	14
0.56 inch Single Digit 	CSDS-S56124B	CSDS-S56125B	 Blue	470	3.2	8
	CSDS-S56124M	CSDS-S56125M	 Green	570	3	7
	CSDS-S56124T	CSDS-S56125T	 Yellow	590	7.2	18
	CSDS-S56124A	CSDS-S56125A	 Amber	605	8	20
	CSDS-S56124V	CSD-S56125V	 Orange Red	624	6.8	17
0.56 inch Dual Digit 	CSDD-S56222B	CSDD-S56223B	 Blue	470	3.2	8
	CSDD-S56222M	CSDD-S56223M	 Green	570	3	7
	CSDD-S56222T	CSDD-S56223T	 Yellow	590	7.2	18
	CSDD-S56222A	CSDD-S56223A	 Amber	605	8	20
	CSDD-S56222V	CSDD-S56223V	 Orange Red	624	6.8	17
0.56 inch Triple Digit 	CSDT-S56320B	CSDT-S56321B	 Blue	470	3.2	8
	CSDT-S56320M	CSDT-S56321M	 Green	570	2.8	7
	CSDT-S56320T	CSDT-S56321T	 Yellow	590	7.2	18
	CSDT-S56320A	CSDT-S56321A	 Amber	605	8	20
	CSDT-S56320V	CSDT-S56321V	 Orange Red	624	6.8	17



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2F, No. 909, Chung-Cheng Rd.,
Chung-Ho City, Taipei Hsien,
Taiwan 235

TEL : +886-2-2223-9696

FAX : +886-2-2223-9377

http: //www.csctw.com.tw

sales@csctw.com.tw

China Factory

OPTO PLUS TECHNOLOGIES CORPORATION
NO.696, Shun Jiang Rd., Shaoxing, Zhejiang,
China 312000.

TEL : +86-575-8862-3888

FAX : +86-575-8862-3112

