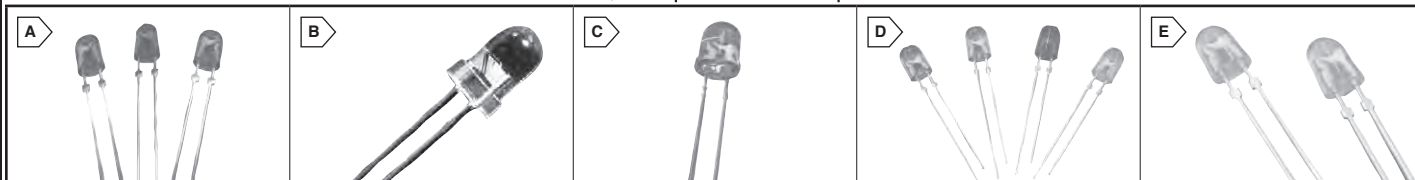


CREE Thru-Hole LEDs



RoHS Compliant This product is RoHS compliant.

LED Indication



HIGH BRIGHTNESS 4MM OVAL LEDs

- Features:**
- C4SMF: Matched 105 x 50-degree radiation pattern
 - C4SMK: Matched 115 x 65-degree radiation pattern
- Applications:**
- Full-color digital signs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cree Part No.	Fig.	Color	Dominant Wavelength (nm)			Luminous Intensity (mcd)			Forward Voltage (V) (typ.)	Forward Current (mA)	Angle	Price Each		
				Min.	Typ.	Max.	Min.	Typ.	Max.				1	50	100
941-C4SMFRJSC0W0BB2	C4SMF-RJS-CT0W0BB2	A	Red	619	621	624	1100	1900	4180	2.1	50	100/45	.20	.18	.163
941-C4SMKJGJSC0W0792	C4SMK-GJS-CT0W0792	A	Green	520	527	535	1100	2900	4180	3.4	35	115/65	.21	.20	.187
941-C4SMFJGJSC0V0792	C4SMF-GJS-CV0Y0792	A	Green	520	527	535	2130	4000	8200	3.4	35	105/50	.29	.26	.231
941-C4SMFBJSRC0U0352	C4SMF-BJS-CR0U0352	A	Blue	465	470	475	550	1000	2130	3.4	35	105/50	.25	.24	.21
941-C4SMKBJSCQ0T0352	C4SMK-BJS-CQ0T0352	A	Blue	460	470	475	390	780	1520	3.2	35	115/65	.21	.20	.187

HIGH BRIGHTNESS 5MM ROUND LEDs

- Applications:**
- Traffic arrow board
 - Traffic message board
 - Transportation

◆ With Standoff

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cree Part No.	Fig.	Color	Dominant Wavelength (nm)			Luminous Intensity (mcd)			Forward Voltage (V) (typ.)	Peak Forward Current (mA)	Angle	Price Each		
				Min.	Typ.	Max.	Min.	Typ.	Max.				1	50	100
◆ 941-C503BRBNCW0Z0AA2	C503B-RBN-CW0Z0AA2	B	Red	618	624	630	3000	5000	12000	2.1	50	23	.14	.13	.128
◆ 941-C503BRBSCW0Z0AA2	C503B-RBS-CW0Z0AA2	B	Red	618	624	630	3000	5000	12000	2.1	50	23	.14	.13	.128
◆ 941-C503BRBNCW0Z0AA2	C503B-RBN-CW0Z0AA2	B	Red	618	624	630	3000	5100	12000	2.1	50	30	.14	.13	.128
◆ 941-C503BRBSCW0Z0AA2	C503B-RBS-CW0Z0AA2	B	Red	618	624	630	3000	5100	12000	2.1	50	30	.14	.13	.128
◆ 941-C503BRASCY0B0AA2	C503B-RAS-CY0B0AA2	B	Red	618	624	630	5860	12000	23500	2.1	50	15	.14	.13	.128
◆ 941-C503BRASCY0B0AA2	C503B-RAS-CY0B0AA2	B	Red	618	624	630	5860	12000	23500	2.1	50	15	.14	.13	.128
◆ 941-C503BACNCY252030	C503B-ACN-CY0Z0252-030	B	Amber	584	591	596	5860	6000	12000	2.1	50	30	.14	.13	.128
◆ 941-C503BACSCY252030	C503B-ACS-CY0Z0252-030	B	Amber	584	591	596	5860	6000	12000	2.1	50	30	.14	.13	.128
◆ 941-C503BAANCA252015	C503B-AAN-CA0C0252-015	B	Amber	584	591	596	12000	15000	32900	2.1	50	15	.20	.18	.163
◆ 941-C503BAASCA252015	C503B-AAS-CA0C0252-015	B	Amber	584	591	596	12000	15000	32900	2.1	50	15	.14	.13	.128
◆ 941-C503BGCNCY0C0792	C503B-GCN-CY0C0792	B	Green	520	527	535	5860	12500	32900	3.2	30	30	.23	.22	.21
◆ 941-C503BGCSCY0C0792	C503B-GCS-CY0C0792	B	Green	520	527	535	5860	12500	32900	3.2	30	30	.23	.22	.21
◆ 941-C503BGANC0F0792	C503B-GAN-CB0F0792	B	Green	520	527	535	16800	34000	90500	3.2	30	15	.23	.22	.21
◆ 941-C503BGASC0F0792	C503B-GAS-CB0F0792	B	Green	520	527	535	16800	34000	90500	3.2	30	15	.23	.22	.21
◆ 941-C503BBCNCV0Z0462	C503B-BCN-CV0Z0462	B	Blue	465	470	480	2130	4100	12000	3.2	30	30	.19	.18	.176
◆ 941-C503BBCSCV0Z0462	C503B-BCS-CV0Z0462	B	Blue	465	470	480	2130	4100	12000	3.2	30	30	.19	.18	.176
◆ 941-C503BBANCY0C0462	C503B-BAN-CY0C0462	B	Blue	465	470	480	5860	11000	32900	3.2	30	15	.19	.18	.176
◆ 941-C503BBASCY0C0462	C503B-BAS-CY0C0462	B	Blue	465	470	480	5860	11000	32900	3.2	30	15	.19	.18	.176

5MM ROUND WHITE LEDs

- Applications:**
- Portable lighting
 - Gaming
 - Landscape lighting

◆ With Standoff

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cree Part No.	Fig.	Color	CCT (K)		Luminous Intensity (mcd)			Forward Voltage (V) (typ.)	Forward Current (mA)	Angle	Price Each		
				Min.	Typ.	Min.	Typ.	Max.				1	50	100
◆ 941-C513AMSNCV0Y0132	C513A-MSN-CV0Y0132	C	White	2500	2800	2130	4500	8200	3.2	30	55	.22	.21	.202
◆ 941-C513AMSSCV0Y0132	C513A-MSS-CV0Y0132	C	White	2500	2800	2130	4500	8200	3.2	30	55	.22	.21	.202
◆ 941-C513AWSNCV0Y0152	C513A-WSN-CV0Y0152	C	White	4600	9000	2130	6800	8200	3.2	30	55	.22	.21	.202
◆ 941-C513AWSSCV0Y0152	C513A-WSS-CV0Y0152	C	White	4600	9000	2130	6800	8200	3.2	30	55	.22	.21	.202
◆ 941-C503BWANCBADA152	C503B-WAN-CBaDa152	B	White	4600	6800	14400	25000	39500	3.2	25	15	.21	.20	.187
◆ 941-C503CWANCBADB152	C503C-WAN-CBaDb152	B	White	4600	9000	16800	35000	46100	3.2	30	15	.22	.21	.202
◆ 941-C503CWANCBADB152	C503C-WAN-CBaDb152	B	White	4600	9000	16800	35000	46100	3.2	30	15	.22	.21	.202
◆ 941-C503DWANCBDB152	C503D-WAN-CBbDb152	B	White	4600	9000	20150	30000	46100	3.2	30	15	.30	.28	.252

HIGH BRIGHTNESS 5MM OVAL LEDs

- Features:**
- 5SM Series: Matched 100 x 40-degree radiation pattern
 - 566 Series: Matched 70 x 35-degree radiation pattern
- Applications:**
- Full-color digital signs

◆ With Standoff

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cree Part No.	Fig.	Color	Dominant Wavelength (nm)			Luminous Intensity (mcd)			Forward Voltage (V) (typ.)	Forward Current (mA)	Angle	Price Each		
				Min.	Typ.	Max.	Min.	Typ.	Max.				1	50	100
◆ 941-C5SMFBJSCR0U0352	C5SMF-BJS-CR0U0352	E	Blue	465	470	475	550	1100	2130	3.4	35	100/40	.19	.18	.176
◆ 941-C566CBFNC0W0352	C566C-BFN-CS0W0352	D	Blue	465	470	475	770	1500	4180	3.4	35	70/35	.22	.21	.199
◆ 941-C566CBFSC0W0352	C566C-BFS-CS0W0352	D	Blue	465	470	475	770	1500	4180	3.4	35	70/35	.22	.21	.199
◆ 941-C5SMFJGJSCV0Y0792	C5SMF-GJS-CV0Y0792	E	Green	520	527	535	2130	4400	8200	3.4	35	100/40	.30	.28	.245
◆ 941-C566CGFNCV0Z0792	C566C-GFN-CV0Z0792	D	Green	520	527	535	2130	4400	8200	3.4	35	70/35	.24	.23	.22
◆ 941-C566CGFSCV0Z0792	C566C-GFS-CV0Z0792	D	Green	520	527	535	2130	5200	12000	3.4	35	70/35	.33	.30	.268
◆ 941-C5SMFJAJSC0U0252	C5SMF-AJS-CS0U0252	E	Amber	584	591	596	770	2100	3000	2.1	50	100/40	.23	.20	.184
◆ 941-C566CAFNC0U0252	C566C-AFN-CU0U0252	D	Amber	584	591	596	1520	2500	4180	2.1	50	70/35	.27	.23	.207
◆ 941-C566CAFSC0U0252	C566C-AFS-CU0U0252	D	Amber	584	591	596	1520	2500	4180	2.1	50	70/35	.23	.21	.189
◆ 941-C566CRFNC0W0BB2	C566C-RFN-CT0W0BB2	D	Red	619	621	624	770	2200	4180	2.1	50	70/35	.16	.15	.148
◆ 941-C566CRFSC0W0BB2	C566C-RFS-CT0W0BB2	D	Red	619	621	624	770	2200	4180	2.1	50	70/35	.23	.21	.186
◆ 941-C5SMFRJSC0W0BB2	C5SMF-RJS-CT0W0BB2	E	Red	619	621	624	1100	2200	4180	2.1	50	100/40	.21	.19	.168



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