

AVAGO High-Power LEDs



This product is RoHS compliant.



Avago LED Lighting

HALF WATT POWER LEDs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Avago Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (mA)	Price Each			
									1	25	100	500
630-ASMT-QRB2-FCDOE	ASMT-QRB2-FCDOE	A	Red	624	11.5	0.5	3.1	150	.88	.56	.50	.44
630-ASMT-QRBD-AEFOE	ASMT-QRBD-AEFOE	A	Red	621	16.5	0.5	2.5	150	1.09	.70	.62	.54
630-ASMT-QHB2-FEFOE	ASMT-QHB2-FEFOE	A	Red-Orange	617	19.5	0.5	2.7	150	.88	.56	.50	.44
630-ASMT-QHBD-AFH0E	ASMT-QHBD-AFH0E	A	Red Orange	616	17.5	0.5	2.5	150	1.09	.70	.62	.54
630-ASMT-QAB2-FDE0E	ASMT-QAB2-FDE0E	A	Amber	594	15	0.5	2.7	150	.88	.56	.50	.44
630-ASMT-QABD-AEFOE	ASMT-QABD-AEFOE	A	Amber	593	16.5	0.5	2.3	150	1.09	.70	.62	.54
630-ASMT-QGBE-NFH0E	ASMT-QGBE-NFH0E	A	Green	522	33	0.5	3.6	150	1.98	1.32	1.19	1.12
630-ASMT-QBBE-N0B0E	ASMT-QBBE-N0B0E	A	Blue	464	7	0.5	3.6	150	1.80	1.20	1.08	1.02
630-ASMT-QBBC-NAC0E	ASMT-QBBC-NAC0E	A	Blue	464	7	0.5	3.4	150	1.65	1.10	.99	.94
630-ASMT-QYBC-NHJ0E	ASMT-QYBC-NHJ0E	A	Warm White	---	31	0.5	3.4	150	1.62	1.08	.97	.92
630-ASMT-QWBC-NHJ0E	ASMT-QWBC-NHJ0E	A	Cool White	---	30	0.5	3.4	150	1.75	1.13	1.00	.88
630-ASMT-QWBC-NJK0E	ASMT-QWBC-NJK0E	A	Cool White	---	38	0.5	3.4	150	1.62	1.08	.97	.92

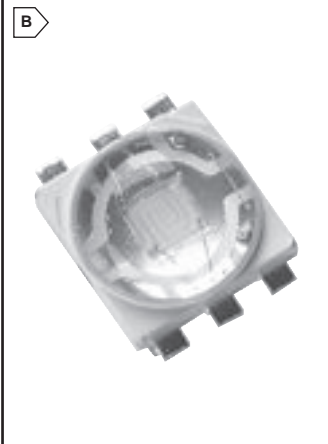


MINI HIGH POWER LEDs



For quantities greater than listed, call for quote.

One Watt Rating												
MOUSER STOCK NO.	Avago Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (mA)	1	25	100	500
630-ASMT-JR10-ARS01	ASMT-JR10-ARS01	B	Red	625	67.2	1	2.4	350	2.93	2.05	1.93	1.76
630-ASMT-JA10-ARS01	ASMT-JA10-ARS01	B	Amber	590	67.2	1	2.4	350	2.93	2.05	1.93	1.76
630-ASMT-JG11-NST01	ASMT-JG11-NST01	B	Green	525	87.4	1	3.5	350	3.60	2.52	2.38	2.16
630-ASMT-JC11-NST01	ASMT-JC11-NST01	B	Cyan	497	58	1	3.4	500	3.58	2.79	2.62	2.50
630-ASMT-JB11-NMP01	ASMT-JB11-NMP01	B	Blue	470	16	1	3.4	350	3.18	2.22	2.10	1.91
630-ASMT-JY11-NSU01	ASMT-JY11-NSU01	B	Warm White	---	78	1	3.4	350	3.40	2.38	2.24	2.04
630-ASMT-JN11-NTV01	ASMT-JN11-NTV01	B	Neutral White	---	90	1	3.4	350	3.35	2.35	2.21	2.01
630-ASMT-JW11-NTV01	ASMT-JW11-NTV01	B	Cool White	---	90	1	3.4	350	3.35	2.35	2.21	2.01
Three Watt Rating												
MOUSER STOCK NO.	Avago Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (mA)	1	25	100	500
630-ASMT-JR30-ARS01	ASMT-JR30-ARS01	B	Red	625	67.2	3	2.4	700	3.00	2.10	1.98	1.80
630-ASMT-JH30-ARS01	ASMT-JH30-ARS01	B	Red-Orange	615	67.2	3	2.4	700	3.00	2.10	1.98	1.80
630-ASMT-JA30-ARS01	ASMT-JA30-ARS01	B	Amber	590	67.2	3	2.4	700	3.00	2.10	1.98	1.80
630-ASMT-JG31-NTU01	ASMT-JG31-NTU01	B	Green	525	125	3	3.6	700	3.90	3.03	2.85	2.60
630-ASMT-JB31-NMP01	ASMT-JB31-NMP01	B	Blue	470	30.6	3	3.6	700	3.35	2.35	2.21	2.01
630-ASMT-JL31-NPQ01	ASMT-JL31-NPQ01	B	Royal Blue	455	740mW	3	3.6	700	3.35	2.35	2.21	2.01
630-ASMT-JY31-NSU01	ASMT-JY31-NSU01	B	Warm White	---	120	3	3.6	700	3.50	2.45	2.31	2.10
630-ASMT-JY31-NTU01	ASMT-JY31-NTU01	B	Warm White	---	---	3	3.6	700	3.78	2.64	2.49	2.27
630-ASMT-JY31-NTUJ1	ASMT-JY31-NTUJ1	B	Warm White	---	---	3	3.6	700	4.00	2.80	2.64	2.40
630-ASMT-JY32-NTV01	ASMT-JY32-NTV01	B	Warm White	---	140	3	3.6	700	4.15	2.91	2.74	2.49
630-ASMT-JY32-NTVH1	ASMT-JY32-NTVH1	B	Warm White	---	140	3	3.6	700	4.80	3.37	3.17	2.88
630-ASMT-JY32-NTVJ1	ASMT-JY32-NTVJ1	B	Warm White	---	140	3	3.6	700	4.80	3.37	3.17	2.88
630-ASMT-JY32-NTVK1	ASMT-JY32-NTVK1	B	Warm White	---	170	3	3.6	700	4.80	3.37	3.17	2.88
630-ASMT-JY33-NSTJ1	ASMT-JY33-NSTJ1	B	Warm White	---	107	3	3.6	700	4.70	3.29	3.10	2.82
630-ASMT-JY33-NQS01	ASMT-JY33-NQS01	B	Warm White	---	80	3	3.6	700	4.40	3.08	2.90	2.64
630-ASMT-JN31-NTV01	ASMT-JN31-NTV01	B	Neutral White	---	113.6	3	3.6	700	3.50	2.45	2.31	2.10
630-ASMT-JN32-NUV01	ASMT-JN32-NUV01	B	Neutral White	---	160	3	3.6	700	4.15	2.91	2.74	2.49
630-ASMT-JN33-NSU01	ASMT-JN33-NSU01	B	Neutral White	---	125	3	3.6	700	4.40	3.08	2.90	2.64
630-ASMT-JN32-NVVG1	ASMT-JN32-NVVG1	B	Neutral White	---	180	3	3.6	700	5.25	3.68	3.47	3.15
630-ASMT-JN32-NVHH1	ASMT-JN32-NVHH1	B	Neutral White	---	180	3	3.6	700	5.25	3.68	3.47	3.15
630-ASMT-JW31-NUV01	ASMT-JW31-NUV01	B	Cool White	---	160	3	3.6	700	3.88	2.71	2.56	2.33
630-ASMT-JW31-NUVH1	ASMT-JW31-NUVH1	B	Cool White	---	---	3	3.6	700	4.18	2.92	2.76	2.51
630-ASMT-JW31-NUVJ1	ASMT-JW31-NUVJ1	B	Cool White	---	---	3	3.6	700	4.18	2.92	2.76	2.51
630-ASMT-JW32-NUV01	ASMT-JW32-NUV01	B	Cool White	---	175	3	3.6	700	4.15	2.91	2.74	2.49
630-ASMT-JW33-NSU01	ASMT-JW33-NSU01	B	Cool White	---	125	3	3.6	700	4.40	3.08	2.90	2.64
630-ASMT-JW32-NVHH1	ASMT-JW32-NVHH1	B	Cool White	---	180	3	3.6	700	5.25	3.68	3.47	3.15
630-ASMT-JW32-NVJ1	ASMT-JW32-NVJ1	B	Cool White	---	180	3	3.6	700	5.25	3.68	3.47	3.15
630-ASMT-JW32-NVVK1	ASMT-JW32-NVVK1	B	Cool White	---	180	3	3.6	700	5.25	3.68	3.47	3.15



HIGH POWER LEDs



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MOUSER STOCK NO.	Avago Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (mA)	Price Each			
									1	25	100	500
One Watt Rating												
630-ASMT-AR00-ARS00	ASMT-AR00-ARS00	C	Red	625	50.0	1.0	2.1	350	3.23	2.26	2.13	1.94
630-ASMT-AH00-ARS00	ASMT-AH00-ARS00	C	Red-Orange	615	50.0	1.0	2.1	350	3.23	2.26	2.13	1.94
630-ASMT-AA00-ARS00	ASMT-AA00-ARS00	C	Amber	590	50.0	1.0	2.1	350	3.23	2.26	2.13	1.94
630-ASMT-AG00-NST00	ASMT-AG00-NST00	C	Green	525	65	1	3.2	350	4.00	2.80	2.64	2.40
630-ASMT-AC00-NST00	ASMT-AC00-NST00	C	Cyan	497	58	1	3.4	500	4.33	3.03	2.86	2.72
630-ASMT-AB00-NMP00	ASMT-AB00-NMP00	C	Blue	470	18	1	3.2	350	3.35	2.35	2.21	2.01
630-ASMT-AL00-NMP00	ASMT-AL00-NMP00	C	Royal Blue	455	350mW	1	3.2	350	3.55	2.49	2.34	2.13
630-ASMT-AY00-NST00	ASMT-AY00-NST00	C	Warm White	---	65	1	3.2	350	3.63	2.54	2.39	2.18
630-ASMT-AN00-NTU00	ASMT-AN00-NTU00	C	Neutral White	---	80	1	3.2	350	3.88	2.71	2.56	2.33
630-ASMT-AW00-NTU00	ASMT-AW00-NTU00	C	Cool White	---	80	1	3.2	350	3.63	2.54	2.39	2.18
Three Watt Rating												
630-ASMT-AR30-ARS00	ASMT-AR30-ARS00	C	Red	625	94.0	3.0	2.4	700	4.15	2.91	2.74	2.49
630-ASMT-AH30-ARS00	ASMT-AH30-ARS00	C	Red-Orange	615	94.0	3.0	2.4	700	4.15	2.91	2.74	2.49
630-ASMT-AG31-NTU00	ASMT-AG31-NTU00	C	Green	525	125.0	3.0	3.6	700	4.73	3.31	3.12	2.84
630-ASMT-AA30-ARS00	ASMT-AA30-ARS00	C	Amber	590	90	3	2.4	700	4.15	2.91	2.74	2.49
630-ASMT-AB31-NMP00	ASMT-AB31-NMP00	C	Blue	470	30	3	3.6	700	5.15	3.61	3.40	3.09
630-ASMT-AL31-NPQ00	ASMT-AL31-NPQ00	C	Royal Blue	455	760mW	3	3.6	700	5.15	3.61	3.40	3.09
630-ASMT-AY31-NTU00	ASMT-AY31-NTU00	C	Warm White	---	140	3	3.6	700	5.43	3.80	3.58	3.26
630-ASMT-AY31-NTU01	ASMT-AY31-NTU01	C	Warm White	---	140.0	3.0	3.6	700	5.23	3.66	3.45	3.14
630-ASMT-AN31-NUV00	ASMT-AN31-NUV00	C	Neutral White	---	175	3	3.6	700	5.43	3.80	3.58	3.26
630-ASMT-AN31-NUV01	ASMT-AN31-NUV01	C	Neutral White	---	175.0	3.0	3.6	700	5.23	3.66	3.45	3.14
630-ASMT-AW31-NUV00	ASMT-AW31-NUV00	C	Cool White	---	175	3	3.6	700	5.43	3.80	3.58	3.26
630-ASMT-AW31-NUV01	ASMT-AW31-NUV01	C	Cool White	---	175.0	3.0	3.6	700	5.23	3.66	3.45	3.14



3 WATT TRICOLOR HIGH POWER LED

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Avago Part No.	Fig.	Color	Wave-length (nm)	Luminous Flux (lm)	Power (W)	Voltage (VDC)	Current (mA)	Price Each			
									1	25	100	500
630-ASMT-MT00-00001	ASMT-MT00-00001	D	Red/Green/Blue	625/527/470	56/73/19.5	3	2.4/3.5/3.5	350	15.00	10.50	9.90	9.00

