

# LUMINUS DEVICES Big Chip LEDs



LED Lighting

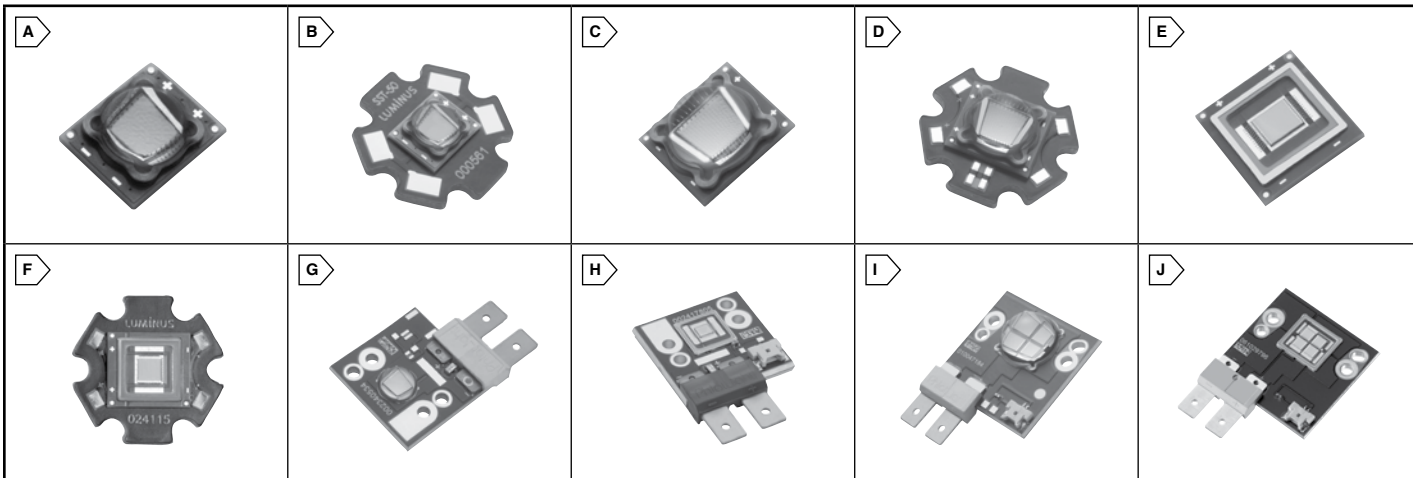
Luminus Devices

NEW SUPPLIER

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## SST-50 SERIES

- Features:**
- Thermal Resistance: 2.45C°/W
  - Drive Voltage: 2.5 - 3.9 volts DC
  - 60,000 hour L70 lifetime
  - Drive Current Range: 1.75 - 5.0 Amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @1.75A (max.)	Price Each			
				1	25	100	500
<b>Emitter</b>							
896-50W30MF21GH701	A	3000K	375	15.38	14.91	14.45	13.98
896-50W40SF21J2501	A	4000K	475	15.30	14.83	14.37	13.91
896-50W45SF21J2401	A	4500K	475	15.44	14.98	14.51	14.04
896-50W57SF21GK201	A	5700K	530	15.82	15.34	14.86	14.39
896-50W65SF21GK102	A	6500K	530	17.00	16.48	15.97	15.45
<b>Emitter on Starboard</b>							
896-50W30MR21GH701	B	3000K	375	18.68	18.11	17.55	16.98
896-50W40SR21J2501	B	4000K	475	18.74	18.18	17.61	17.04
896-50W45SR21J2401	B	4500K	475	18.74	18.18	17.61	17.04
896-50W57SR21GK201	B	5700K	530	19.12	18.54	17.96	17.39
896-50W65SR21GK102	B	6500K	530	20.30	19.68	19.07	18.45

## SST-90 SERIES

- Features:**
- Thermal Resistance: 0.64C°/W
  - Drive Voltage: 2.5 - 3.9 volts DC
  - 60,000 hour L70 lifetime
  - Drive Current Range: 1.0 - 9.0 Amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @3.15A (max.)	Price Each			
				1	25	100	500
<b>Emitter</b>							
896-90W40SF11GN501	C	4000K	1000	30.13	29.22	28.30	27.39
896-90W45SF11GN401	C	4500K	1000	30.13	29.22	28.30	27.39
896-90W57SF11N3201	C	5700K	1000	32.04	31.07	30.10	29.13
896-90W65SF11N3102	C	6500K	1000	33.41	32.40	31.39	30.38
<b>Emitter on Starboard</b>							
896-90W40SR11GN501	D	4000K	1000	33.43	32.42	31.40	30.39
896-90W45SR11GN401	D	4500K	1000	33.43	32.42	31.40	30.39
896-90W57SR11N3201	D	5700K	1000	35.34	34.27	33.20	32.13
896-90W65SR11N3102	D	6500K	1000	36.71	35.60	34.49	33.38

## SBT-90 SERIES

- Features:**
- Thermal Resistance: 0.90C°/W
  - Drive Voltage: 3.6 volts DC
  - 70,000 hour L70 lifetime
  - Drive Current Range: 1.0 - 9.0 Amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @9.0A (max.)	Price Each			
				1	25	100	500
<b>Emitter</b>							
896-90W65SF71MA100	D	6500K	1485	59.60	57.79	55.99	54.18
896-90W65SF71MA101	D	6500K	1485	61.45	59.58	57.72	55.86
896-90W65SF71MA102	D	6500K	1485	62.98	61.07	59.16	57.26
896-90W65SF71KB100	D	6500K	1200	37.17	36.05	34.92	33.80
896-90W65SF71KB101	D	6500K	1200	38.33	37.17	36.01	34.85
896-90W65SF71KB102	D	6500K	1200	39.29	38.10	36.91	35.72
896-90W65SF71LA100	D	6500K	1290	41.04	39.79	38.55	37.31
896-90W65SF71LA101	D	6500K	1290	42.31	41.02	39.74	38.46
<b>Emitter on Starboard</b>							
896-90W65SR71MA101	E	6500K	1380	59.04	56.67	50.09	50.09
896-90W65SR71MA102	E	6500K	1380	60.42	54.93	51.26	51.26



## CST-90 SERIES (DOME LENS)

- Features:**
- Thermal Resistance: 0.92C°/W
  - Drive Voltage: 2.5 - 3.9 volts DC
  - 60,000 hour L70 lifetime
  - Drive Current Range: 1.0 - 13.5 Amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @3.15A (max.)	Price Each			
				1	25	100	500
896-90W57SC13GN201	F	5700K	850	60.85	59.01	57.16	55.32
896-90W65SC13GN102	F	6500K	850	60.74	58.90	57.06	55.22

## CBT-90 SERIES (FLAT LENS)

- Features:**
- Thermal Resistance: 0.92C°/W
  - Drive Voltage: 2.5 - 3.9 volts DC
  - 60,000 hour L70 lifetime
  - Drive Current Range: 1.0 - 13.5 Amps



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @9.0A (max.)	Price Each			
				1	25	100	500
896-90W57HC11LA201	G	5700K	1290	138.62	126.02	-	-
896-90W65SC11MB100	G	6500K	1485	66.94	64.91	62.88	60.86
896-90W65SC11MB101	G	6500K	1485	69.73	67.62	65.50	63.39
896-90W65SC11MB102	G	6500K	1485	72.52	70.32	68.12	65.93
896-90W65SC11NA100	G	6500K	1590	93.65	90.82	87.98	85.14
896-90W65SC11NA101	G	6500K	1590	97.55	94.59	91.64	88.68
896-90W65SC11NA102	G	6500K	1590	101.44	98.37	95.29	92.22

## CSM-360 SERIES (DOME LENS)

- Features:**
- Thermal Resistance: 0.90C°/W
  - Drive Voltage: 11.0 - 17.6 volts DC
  - 60,000 hour L70 lifetime
  - Drive Current Range: 1.0 - 6.3 Amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @3.15A (max.)	Price Each			
				1	25	100	500
896-360W30MD22GS700	H	3000K	2100	135.28	131.18	127.08	122.99
896-360W45SD22GU400	H	4500K	3000	135.32	131.22	127.12	123.02
896-360W45SD22GV400	H	4500K	3600	145.65	141.23	136.82	132.41
896-360W57SD22GV200	H	5700K	3600	145.61	141.20	136.79	132.38
896-360W65SD22GV102	H	6500K	3600	155.50	150.78	146.07	141.36

## CBM-360 SERIES (FLAT LENS)

- Features:**
- Thermal Resistance: 0.96C°/W
  - Drive Voltage: 12.8 - 16.0 volts DC
  - 60,000 hour L70 lifetime
  - Drive Current Range: 1.0 - 6.3 Amps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color Temp.	Lumens @6.3A (max.)	Price Each			
				1	25	100	500
896-360W65SD22GU102	I	6500 K	3200	141.93	137.63	133.33	129.03
896-360W65SD22GV100	I	6500 K	3440	145.63	141.22	136.80	132.39
896-360W65SD22GV102	I	6500 K	3680	155.50	150.78	146.07	141.36