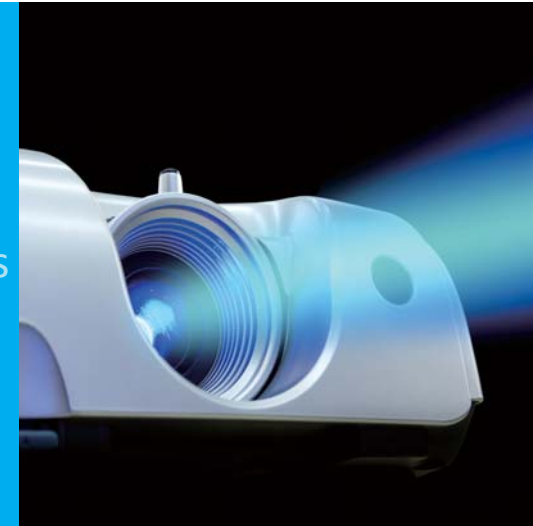


www.luminus.com



Display LEDs



High Brightness White LEDs

Specialty Lighting

2019.V2



Color & Color Mix LEDs



UV & IR LEDs



Global Service Network

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Company Introduction

- Headquartered in Silicon Valley (Sunnyvale, CA, USA)
- Branches: Xiamen (China), Shenzhen(China), Hsinchu (Taiwan), Eindhoven (The Netherlands)
- Founded in 2002 to commercialize technology developed at M.I.T.
- Leadership in very-high-power density LEDs that enable exceptional focusing of light
- Broad range of white and monochromatic solutions for general illumination and specialty lighting markets
- Global applications support

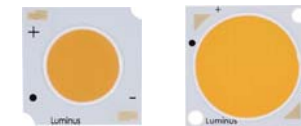
Light for Working

- Solutions ranging from Ultra-Violet to Infrared with input powers from 1W to over 100W
- High-intensity specialty LED (up to 5A/mm²) replacing performance lamp technologies such Xenon, Metal Halide
- Extensive offering for specialty lighting markets including:
 - Horticulture and Farming
 - Projection, Stage, Entertainment and Studio
 - Medical, Industrial
 - Non-visible: UV curing, Purification/Disinfection, Infra-Red



Light for Living

- High quality of light and industry-leading efficacy engineered in Silicon Valley
- Widest range of COB sizes and CCT/CRI combinations
- Unique 1616 midpower LEDs with wide viewing angle and 95+CRI
- Dynamic COBs for human centric lighting
- Unique and custom spectra available

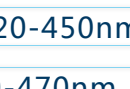


Product	Dimension (mm)	Color code	Wavelength /CCT	Specified Performance			Maxiumn Performance	
	Package			If	VF(v)	Flux	If	Flux
LUMINUS UV LEDs								
XBT-1313	1.3*1.3	UVC	280nm	20mA	6	3.0mW	100mA	10.5mW
XST-3535	3.5*3.5	UVC	280nm	350mA	6	30mW	1050mA	55mW
SST-10	3.45*3.45 Dome: 60 & 130°	UV	365nm	500mA	3.6	875mW	1000mA	1660mW
			385~405nm		3.4	1000mW	1500mA	2750mW
CBT-39	26.5*16	UV	405nm	6A	3.5	6.6W	6A	6.6W
CBM-40	26.5*16	UV	365nm	3A	3.7	3.0W	8A	5.7W
			385/405nm		3.6	4.3W		10W
CBM-80	28*26.75	UV	365nm	6A	3.3	9.0W	16A	23W
			405nm			8.3W		21W
CBT-90	28*26.75	UV	415nm	18A	3.4	17W	27A	22W
SBM-120	11.0*10.0	UV	365nm	2.25A	15.5	10.6W	6A	18.4W
			385/395nm		14.9	15.3W		33W
			405nm			12.9W		30W
CBT-120	28*26.75	UV	405nm	18A	3.4	16.1W	30A	25.7W
CBM-120	28*26.75		365nm	9A	3.7	10.6W	12A	18.4W
			385/395/405nm			15.3W	18A	30W
LUMINUS IR LEDs								
SST-05	3.45*3.45 Dome: 40 & 70°	IR	850nm	350mA	1.6	295mW	1000mA	800mW
SST-06	3.45*3.45	IRD	810nm	350mA	3	475mW	1000mA	1300mW
SST-10	3.45*3.45 Domes: 90-130°	IR	850nm	350mA	1.5	295mW	1500mA	1180mW
			940nm		1.4	225mW		900mW
SST-10	3.45*3.45 Domes: 50°/90°/130°	IRD	810nm	350mA	3	535mW	1500mA	2140mW
			850nm		3	550mW		2200mW
			940nm		2.8	535mW		2140mW
SBM-90	11.0*10.0	IR	810/850/940nm	13.5A	3.5	10-15W	27A	20+W
CBM-90	28*26.75	IR	785/810/850/940nm	13.5A	3.5	10-15W	27A	20+W
LUMINUS SPECIALTY WHITE LEDs								
SST-20	3.45*3.45	WCS	6500K	1.5A	2.9	570lm	3A	950lm
		WxH	2700-4000K,95CRI	350mA		88-114lm		460-600lm
SST-40	5.0*5.0	WDS	5000/5700K	1500mA	2.8	620lm	6A	1800lm
	5.0*5.0	WCS	6500K			650lm		1875lm
SBT-90	11.0*10.0	W57S/W65S	5700K/6500K	9A	3.5	1590lm	13.5A	2070lm
SST-90	11.0*10.0	W57S/W65S	5700K/6500K	3.15A	3.25	1000lm	18A	3240lm
CBT-90	28*26.75	W57H	5700K,92CRI	9A	3.3	1200lm	18A	1920lm
		W57S/W65S	5700K/6500K			2000lm		3200lm
CFT-90	28*26.75	WDS	5700K	22.5A	3.5	5000lm	27A	5500lm
		WCS	6500K					
		WSS	7800K					
CBT-140	28*26.75	WDH	5700K,92CRI	21A	3.6	2500lm	28A	3000lm
		WDS/WCS	5700K/6500K			3800lm		4600lm
LUMINUS HORTICULTURE COB								
CXM-14	19*19	Various	Horti.Spectrum	720mA	34	44μmol/s	1440mA	88μmol/s
CLM-22	28*28	Various	Horti.Spectrum	1100mA	34.7	76μmol/s	2200mA	152μmol/s
CXM-22	28*28	Various	Horti.Spectrum	1100mA	51.5	105μmol/s	2200mA	210μmol/s
CXM-32	38*38	Various	Horti.Spectrum	2200mA	51.5	220μmol/s	4400mA	440μmol/s

Product	Dimension (mm)	Color code	Wavelength /CCT	Specified Performance			Maxiumn Performance	
	Package			If	VF(v)	Flux	If	Flux
LUMINUS COLOR & HORTICULTURE LEDs								
SST-10	3.45*3.45	B	450nm	350mA	3	630mW	1500mA	2270mW
		SB	470nm		2.85	530mW		1910mW
	Domes :	G	527nm		3.1	270mW		975mW
		R	621nm		2.1	320mW		1280mW
	90°-130°	DR	660nm		2.15	410mW		1640mW
		FR	730nm		2.1	310mW		1240mW
SST-20	3.45*3.45	B	450nm	350mA	2.8	710mW	3A	3910mW
		DR	660nm		2	410mW	3A	2460mW
SFT-10	3.50*3.50	B	455nm	0.7A	3	0.90W	4A	3.6W
		CG	555nm			305lm		1100lm
		RA	613nm		2.5	120lm		380lm
SFT-20	3.50*3.50	B	455nm	1.4A	3	2W	8A	8W
		CG	555nm			620lm		2290lm
		RA	613nm		2.5	240lm		760lm
PT-26	21.0*15.5	B	455nm	6.5A	3.3	6.5W	13A	9.75W
		CG	555nm		3.3	2145lm	13A	3210lm
		RA	613nm		3.1	770lm	10.4A	940lm
PT-39-TE	26.5*16	B	460nm	9.8A	3.9	300lm	9.8A	300lm
		G	525nm	9.8A	5.2	1660lm	9.8A	1660lm
	21.85*15	DR	650nm	7.5A	2.3	2.7W	10A	4.0W
PTM-40	27.0*155	B	455nm	10A	3.3	10W	20A	15.5W
		CG	555nm		3.3	3300lm		4900lm
		RA	613nm		3.1	1190m	16A	1450lm
PT-50	27.0*155	B	455nm	12.5A	3.3	13W	25A	19.5W
		CG	555nm		3.3	4200lm		6300lm
		RA	613nm		3.1	1500m	20A	1800lm
SBT-70	11.0*10.0	B	445nm	10.5A	3.8	200lm	14A	240lm
		G	530nm		4.5	2100lm		2520lm
SBT-90	11.0*10.0	R	620nm	9A	2.5	945lm	13.5A	1350lm
SST-90	11.0*10.0	R	618nm	9A	2.5	1500lm	18A	2700lm
CBT-90	28*26.75	B	460nm	13.5A	3.5	500lm	27A	750lm
		G	527nm		4.5	2100lm		3360lm
		R	620nm		2.8	1030lm		1130lm
CFT-90	28*26.75	CG	579nm	22.5A	3.8	11W	22.5A	11W
CBM-120	28*26.75	FR	730nm	9A	2.4	6.3W	18A	10.7W
PT-120 PT-121	28*26.75	B	460nm	18A	3.9	620lm	30A	860lm
		G	525nm		5.2	3640lm		5200lm
		RAX	613nm		3.1	1485lm		2650lm
SBM-40-LC 10W	5.75*4.68	RGBW	R	700mA	3.2	2.5	1000mA	133lm
			G			45lm		281lm
			B			112lm		1474mW
			W			630mW		295lm
SBM-40-SC 30W	5.75*4.68	RGBW	R	1000mA	3.6	2.8	2000mA	90lm
			G			90lm		253lm
			B			210lm		104lm
			W			1000mW		2265mW
SBM-40-HC 40W	5.75*4.68	RGBW	R	1000mA	3.1	210lm	3000mA	543lm
			G			115lm		280lm
			B			270lm		430lm
			W			1460mW		3170mW
						337lm		690lm



Color & Color Mix LEDs



SST-10/20-450nm

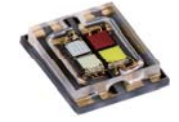
SST-10-470nm

SST-10-530nm

SST-10-620nm

SST-10/20-660nm

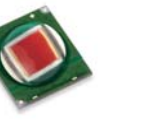
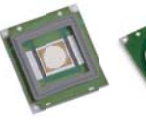
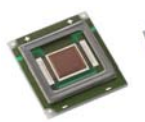
SST-10-730nm



SBM-40 LC

SBM-40 SC

SBM-40 HC



SBT-70-G/B

SBT-90-R

SST-90-R



CBT-90-R

CBT-90-G

CBT-90-B

Horticulture LEDs

Horticulture LEDs

Features :

- ▷ 3535 package
- ▷ Full wavelength coverage , 365~730nm
- ▷ Extremely high optical output up to 1.5A/mm² CW



SST Horticulture Series Product Summary

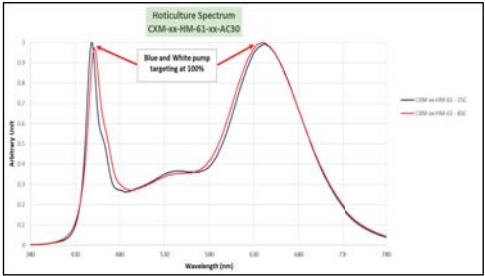
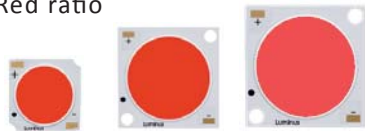
Device	Lens Option	Test Current (mA)	Max rated Current (A)	Forward Voltage (Vf)	Peak λ(nm)	Typ. lm at test*	Typ. mW at test*	WPE (%) or lm/W	PPF (μmol/s) 360 830nm	PPF/W (mmol/J) 360 830nm	PPF (μmol/s) 400 700nm	PPF/W (mmol/J) 400 700nm
SST-10-Blue	90°/130°	350	1.5	3.00	450	21	630	60%	2.38	2.27	2.37	2.26
SST-20-Blue	120°	350	3	2.80	450	23	710	72%	2.68	2.73	2.67	2.72
SST-10-Sky Blue	90°/130°	350	1.5	2.85	470	41	530	53%	2.09	2.10	2.09	2.10
SST-10-Green	90°/130°	350	1.5	3.10	530	148	270	25%	1.21	1.12	1.21	1.12
SST-10-Red	90°/130°	350	1.5	2.10	630	71	320	44%	1.67	2.27	1.67	2.27
SST-10-Deep Red	90°/130°	350	1.5	2.10	660	27	410	56%	2.24	3.05	2.24	3.05
SST-20-Deep Red	120°	350	3	2.00	660	27	410	60%	2.41	3.28	2.41	3.28
SST-10-Far Red	90°/130°	350	1.5	2.10	730	-	320	44%	1.94	2.64	0.14	0.19
SST-20-W27H	120°	350	3	2.80	-	111	427	44%	2.16	2.20	1.94	1.98
SST-20-W30H	120°	350	3	2.80	-	116	430	44%	2.16	2.20	1.95	1.99
SST-20-W35H	120°	350	3	2.80	-	122	442	45%	2.18	2.22	1.99	2.03
SST-20-W40H	120°	350	3	2.80	-	128	468	48%	2.28	2.33	2.10	2.14
SST-20-WDS(5000K)	120°	350	3	2.80	-	179	533	54%	2.46	2.51	2.37	2.42
SST-20-WDS(5700K)	120°	350	3	2.80	-	188	548	56%	2.51	2.56	2.43	2.48
SST-20-WCS(6500K)	120°	350	3	2.80	-	172	559	57%	2.51	2.56	2.44	2.49
SST-10-UV-365	130°	500	1	3.70	365	-	875	47%	-	-	-	-
SST-10-UV-385	130°	500	1	3.40	385	-	1015	60%	-	-	-	-
SST-10-UV-395	130°	500	1	3.30	395	-	1015	62%	-	-	-	-
SST-10-UV-405	130°	500	1	3.30	405	-	930	56%	3.15	1.91	2.53	1.53

Horticulture COB Product Line

Horticulture LEDs

Features :

- ▷ Integrated High power solution delivering highest PPF / device
- ▷ Available in 14, 22 & now 32mm LES sizes
- ▷ Flexible offering of spectra engineered for mainstream applications:
 - Purple with a choice of Blue / Deep-Red ratio
 - “Red White” (pc-Green & Red)



Product Data :

Ordering Part Number Products	Typ. Current (mA)	LES Diameter (mm)	Output PPF (mmol/s)		Output PPF/W (mmol/J)	
			Typ. (85°C)	Min. (85 °C)	Typ. (85°C)	Min. (85 °C)
CXM-14-HM-61-36-AC30-P1-3	720	14.3	46	40	1.88	1.63
CLM-22-HM-61-36-AC30-P1-3	1100	22	76	66	2.07	1.80
CXM-22-HM-61-54-AC30-P1-3	1100	22	110	95	1.97	1.70
CXM-32-HM-61-54-AC30-P1-3	2200	32	235	200	2.10	1.79

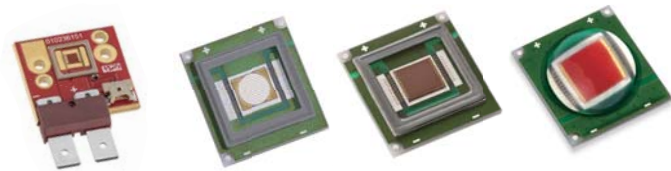
Performance measured and specified @ 85°C junction temperature

High-Power Color LEDs

High-Power Color LEDs

Features :

- ▷ High brightness in single monolithic light source
- ▷ Flat and domed emission size up to 9.0 mm²
- ▷ Industry leading thermal performance



Product Data :

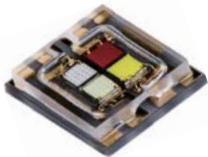
		SST-90-R	SBT-90	SBT-70		CBT-90	
Wavelength	nm	618	620	530	445	530	445
Current typ/max	A	3.15/18	9/13.5	10.5/14		10.5/14	
Flux typ/max	lm	540/2700	945/1350	2100/2520	200/240	2100/2520	200/240

Color Mix LEDs

Color Mix LEDs

Features:

- ▷ High brightness 4 color light source
- ▷ Flat profile for best color mix, high brightness performance
- ▷ Small Surface Mount Device package form factor with industry leading thermal performance



Product Data :

SBM-40		Red	Green	Blue	White
SBM-40-LC		package: 5.75x4.68mm			
Color	nm (CCT/CRI)	622	527	455	6500/70
Current typ/max	A	0.7/1	0.7/1	0.7/1	0.7/1
Flux at typ/max	lm (W)	45/133	112/281	630/1474	140/295
Power typ/max (elec.)	W	1.8/2.5	2.2/3.1	2.2/3.1	2.2/3.1
SBM-40-SC		package: 5.75x4.68mm			
Color	nm (CCT/CRI)	623	525	454	6500/70
Current typ/max	A	1/2	1/2	1/2	1/2
Flux at typ/max	lm (W)	90/253	210/404	1000/2265	210/543
Power typ/max (elec.)	W	2.5/5	3.1/6.2	3.1/6.2	3.1/6.2
SBM-40-HC		package: 5.75x4.68mm			
Color	nm (CCT/CRI)	624	525	454	6500/70
Current typ/max	A	1/3	1/3	1/3	1/3
Flux at typ/max	lm (mW)	115/280	270/640	(1460/4200)	300/900
Power typ/max (elec.)	W	2.5/11	3.1/12	3.1/11	3.1/11



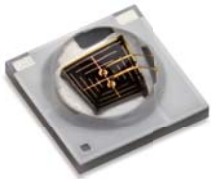


Infrared LEDs

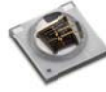
IR LEDs

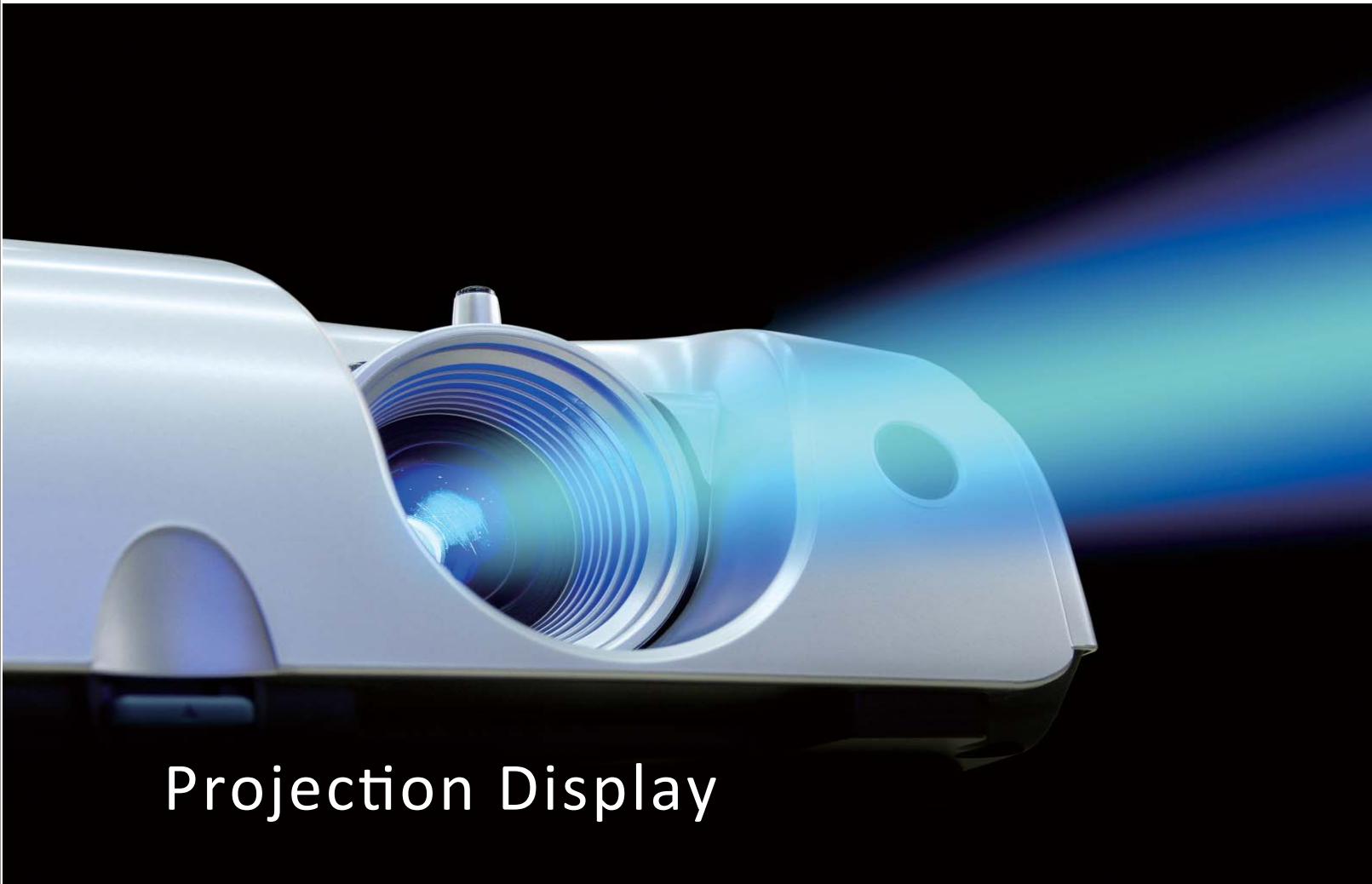
Features :

- ▷ 3535package, low thermal resistance
- ▷ 730nm/810nm/850nm/940nm available
- ▷ 40°/50°/70°/80°/90°and 130° viewing angle



Product Data :

Image	Product	Wavelength	Viewing Angle	Package	Max CW Drive Current	Optical Output
Dual Junction Emitters						
	SST-06-IRD	810nm	80°	3.45mmx 3.45mm SMT	2A(pulse)	295mW(0.35A) 800mW(1.0A)
	SST-10-IRD	810nm	90° or 130°	3.45mmx 3.45mm SMT	5A(pulse)	535mW(0.35A) 1470mW(1.0A)
		850nm	50° ,90° or 130°			550mW(0.35A) 1500mW(1.0A)
		940nm	50° ,90 or 130°			535mW(0.35A) 1470mW(1.0A)
Single Junction Emitters						
	SST-05-IR	850nm	40° or 70°	3.45mmx 3.45mm SMT	2A(pulse)	295mW(0.35A) 800mW(1.0A)
	SST-10-IR	850nm	90° or 130°	3.45mmx 3.45mm SMT	1.5A(CW)	265-325mW (0.35A)
		940nm				205-265mW (0.35A)
	SST-10-FR	730nm	90° or 130°	3.45mmx 3.45mm SMT	1.5A(CW)	270-390mW (0.35A)
	CBM-120-FR	730nm	Lambertian	C15 28 mmx 26.75mm core board	18A(CW)	4.6-10.6W (13.5A)



Projection Display



SFT-10 / RA-CG-B-BP

SFT-14 / RA-CG-B-BP

SFT-20 / RA-CG-B-BP



PT-26 / RA-CG-B-BP

PTM-40 / RA-CG-B-BP

PT-50 / RA-CG-B-BP



PT-120 / R-G-B

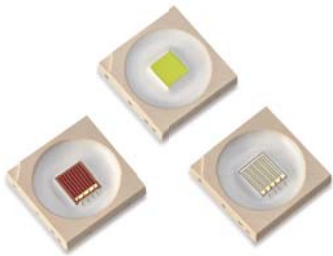
PT-121 / R-G-B

Display-LEDs Surface Mount Devices

Display LEDs

Features :

- ▷ 3535 package
- ▷ Windowless design, better optical matching
- ▷ 0.2",0.3" DLP™ applaication matched, up to 500lm output
- ▷ Up to 4A/mm² drive capability, higher lumens density



Product Data :

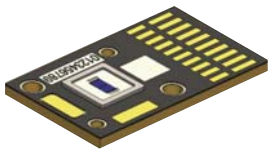
Product	Emitting Area Dimension (mm*mm)	Color code	Wavelength typical (nm)	Specified			Maximum		Matching DMD Size
				I _F	V _F (V)	Flux	I _F	Flux	
SFT-10	1.0*1.0	B/BP	455	0.7A	3.0V	0.95W	5A	3.7W	0.2x"
		CG	555		3.0V	305lm		1340lm	
		RA	613		2.4V	120lm		360lm	
SFT-14	1.4*0.98	B	455	0.98A	3.0V	1.48W	7A	6.5W	0.2x"
		BP	448		3.0V	490lm		2060lm	
		CG	555		3.0V	168lm		590lm	
		RA	613		2.5V	168lm	5.6A	590lm	
SFT-20	1.3*1.55	B	455	1.4A	3.0V	2.2W	10A	9.6W	0.3x"
		BP	448		3.0V	620lm		2420lm	
		CG	555		3.0V	620lm		2420lm	
		RA	613		2.5V	240lm	8A	790lm	

Display-LEDs Core-board Modules

Display LEDs

Features :

- ▷ Windowless design, better optical matching
- ▷ 0.45",0.47" DLP™ applaication matched, up to 1000lm output
- ▷ Up to 5A/mm² drive capability(the red light is 4A/mm²)



Product Data :

Product	Emitting Area Dimension (mm*mm)	Color code	Wavelength typical (nm)	Specified			Maximum		Matching DMD Size
				I _F	V _F (V)	Flux	I _F	Flux	
PT-26	1.33*1.96	B	454	6.5A	3.0V	7.0W	13A	11.2W	0.3x"
		BP	449		3.0V			3560lm	
		CG	555		3.0V		10.4A	1120lm	
		RA	613		3.0V	830lm		1120lm	
PTM-40	1.6*2.7	B	455	10A	3.3V	9.9W	20A	15.4W	0.4x"
		BP	448		3.3V			4850lm	
		CG	555		3.3V	3130lm	16A	1450lm	
		RA	613		3.1V	1190lm		1450lm	
PT-50	1.54*3.3	B	455	12.5A	3.0V	14W	25A	22.4W	0.4x"
		BP	448		3.0V			6740lm	
		CG	555		3.0V	4350lm	20A	2145lm	
		RA	613		3.0V	1590lm		2145lm	
PT-120 PT-121	"2.6*4.6 3.0*4.0"	B	460	18A	3.9V	620lm	30A	860lm	0.9x"
		G	525		5.2V	3640lm		5200lm	
		RAX	613		3.1V	1485lm		2650lm	



UVA & UVC LEDs



CBM-40



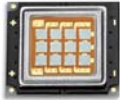
CBM-80



CBM-120



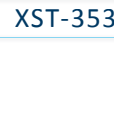
SST-10



SBM-120



XBT-1313



XST-3535

UVA and UVC LEDs

UV LEDs

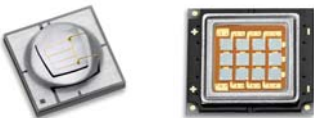
Features :

- ▷ Large operating dynamic range.
- ▷ Wide range of UVA wavelengths: 365 nm to 420 nm.
- ▷ Ultra-high Watts/mm² maximizes performance in curing and industrial applications.
- ▷ High conductivity copper coreboard and ceramic packages for thermal management.



UVA COB Products - Performance Summary

Peak λ***	Product	Test Current	Typ flux @ test**	Max rated current	Typ. Flux @ max current
405 nm	CBT-39-UV	6 A	6.6 W	6 A	6.6 W
	CBM-40-UV	3 A	4.3 W	8 A	10.3 W
	CBM-80-UV	6 A	8.3 W	16 A	20 W
	CBT-90-UV	13.5 A	12.5 W	22.5 A	20 W
	CBT-120	18 A	17 W	30 A	28 W
	CBM-120-UV	9 A	13 W	24 A	30 W
385 nm	CBM-40-UV	3 A	5 W	8 A	11.3 W
	CBM-120-UV	9 A	14.4 W	24 A	33 W
365 nm	CBM-40-UV	3 A	3.5 W	6 A	8.4 W
	CBM-120-UV	9 A	10.3 W	12 A	25 W



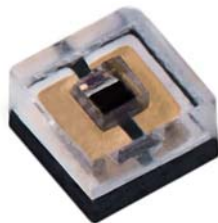
UVA SMT Products - Performance Summary

Device	Peak λ***	Test Current	Typ flux @ test current	Max rated current	Typ flux @ max current
SST-10-UV	365 nm	0.5 A	875 mW	1.0 A	1530 mW
	385 nm	0.5 A	1015 mW	1.5 A	2750 mW
	395 nm	0.5 A	1015 mW	1.5 A	2750 mW
	405 nm	0.5 A	930 mW	1.5 A	2560 mW
SBM-120-UV	365 nm	2.25 A	10.6 W	4.5 A	18.5 W
	385 nm	2.25 A	15W	6.0 A	31.5 W
	395 nm	2.25 A	15 W	6.0 A	33.8 W
	405 nm	2.25 A	13 W	6.0 A	30 W

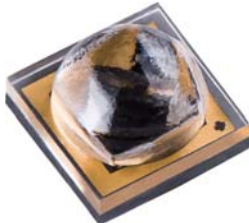
(*) Based on Gen4 Rechnology for release in 2017 - contact Luminus for sample availability
(**) Performance based on datasheet standard test waveform and thermal condition
(***) Nominal - refer to product datasheet for orderable wavelength specifications

UVC

Device	Package (mm*mm)	Warelength (nm)	Typ. Current (mA)	Typ flux @ test current	Max. Current (mA)	Viewing Angle (°)
XBT-1313	1.3*1.3	280-286	40	1-5	40	130
XST-3535	3.5*3.5	275-286	350	30-50	500	60



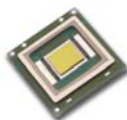
XBT-1313



XST-3535



High Brightness White LEDs



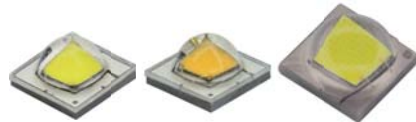
SBT-90-W



CFT-90-W

CBT-90-W

CBT-140-W



SST-20-W

SST-40-W

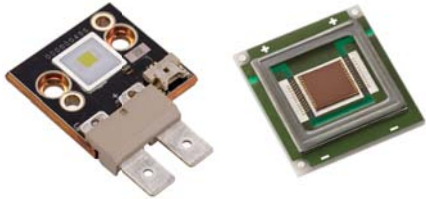
SST-90-W

High Brightness White LEDs

High Brightness White LEDs

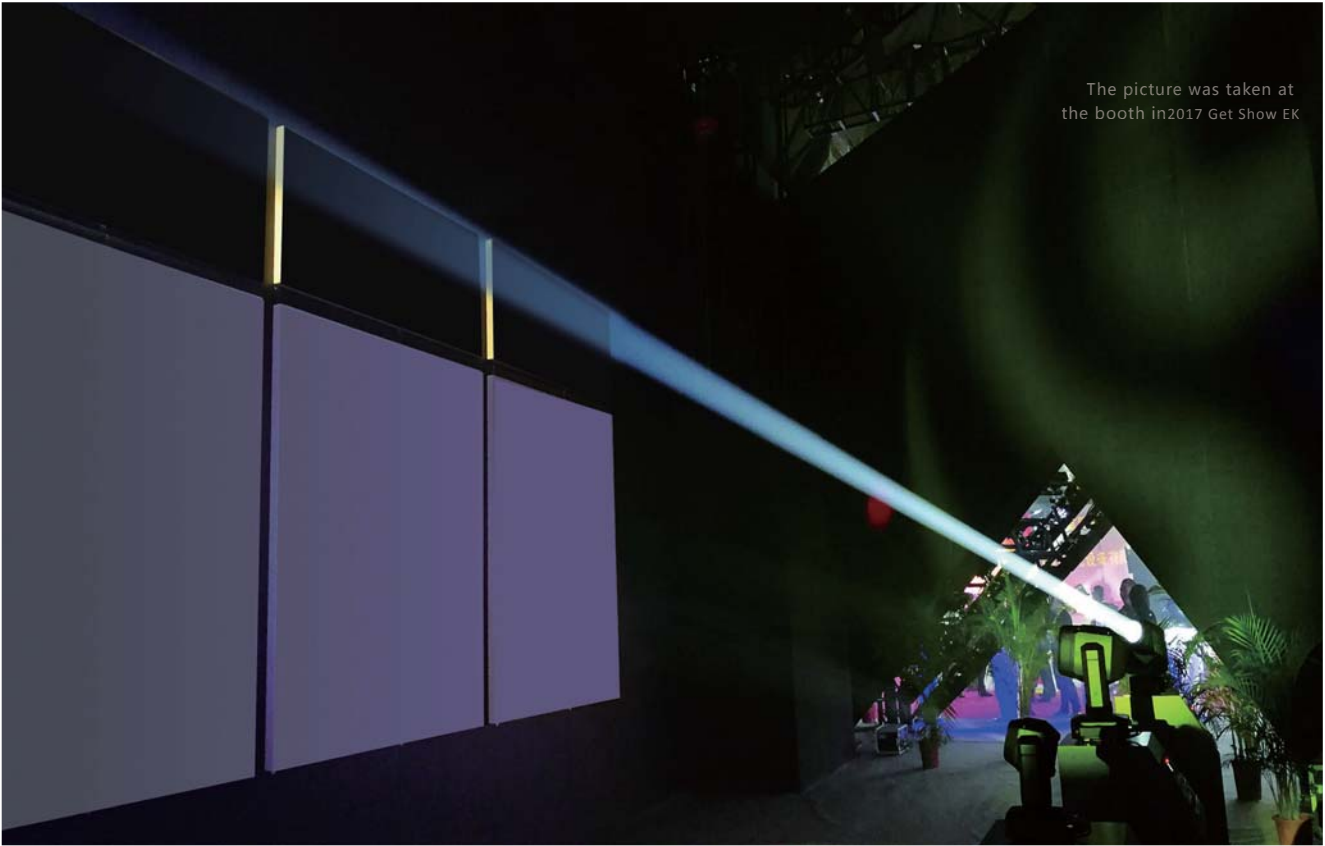
Features :

- ▷ High brightness in single monolithic light source
- ▷ Robust Integrated Chip-On-Board design for best thermal performance
- ▷ Flat emission size up to 14.0 mm²



Product Data :

Parameter	CBT-140		CFT-90		CBT-90		SST-90		SBT-90 Gen2	
	Typ 21A	Max 28A	Typ 22.5A	Max 27A	Typ 9A	Max 18A	Typ 3.15A	Max 18A	Typ 9A	Max 18A
Voltage (V)	3.6	4.2	3.5	4.2	3.3	3.8	3.5	3.8	3.5	3.8
Flux (lm)	4200	5000	5000	5500	2100	2500	1200	4500	2900	4650
Lumens Density(lm/mm ²)	370	677	555	610	120	283	220	360	322	517
CRI	70/92		70		70/92		70		70	
Emitting (mm*mm)	φ 4.25		3*3		3.0*3.0		3*3		3*3	

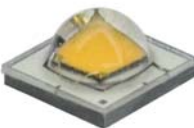


High Brightness White LEDs—High CRI

High Brightness White LEDs

Features :

- ▷ Compact 3535 package with monolithic emitter
- ▷ Central 4 ANSI bin distribution
- ▷ 2700K, 3000K, 3500K and 4000K with 95 CRI minimum



Product Data :

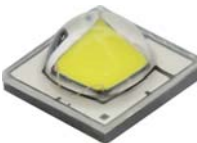
SST-20-WxH		W27H	W30H	W35H	W40H
		package: 3.45x3.45mm			
Color	CCT/CRI	2700/95	3000/95	3500/95	4000/95
Current typ	mA	350	350	350	350
Flux at typ	lm	88	95	107	114

High Brightness White LEDs—Standard CRI

High Brightness White LEDs

Features :

- ▷ 3535 & 5050 package with monolithic emitter
- ▷ Up to 1900lm @6A drive current
- ▷ Highest lumen density, up to 180lm/W



Product Data :

SST-20-WxS		5000K	5700K	6500K	7500K
		package: 3.45x3.45mm			
Color	CCT/CRI	5000/70	5700/70	6500/70	7500/70
Current typ/max	A	1.5/3	1.5/3	1.5/3	1.5/3
Flux at typ/max	lm	572/944	606/944	614/1000	559/903
Power typ/max (elec.)	W	4.5/10	4.5/10	4.5/10	4.5/10
SST-40-WxS		package: 5x5mm			
Color	CCT/CRI	5000/70	5700/70	6500/70	/
Current typ/max	A	1.5/6	1.5/6	1.5/6	/
Flux at typ/max	lm	608/1919	619/1919	658/1919	/
Power typ/max (elec.)	W	4.2/20	4.2/20	4.2/20	/