

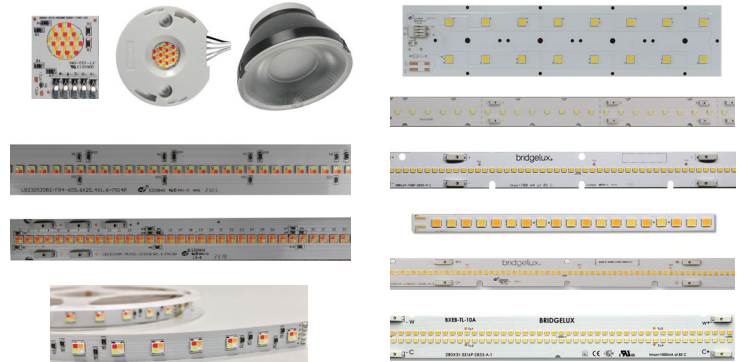
EB Series™ Modules

Bridgelux Differentiation

- It's in our DNA to solve customers' problems
- 20+ years of driving LED industry transformation
- Human centric and dynamic lighting technology leader
- Vertical integration across chip, phosphor and package
- Fully customizable platforms, including board shapes, LED layouts, and color points

Features & Benefits

- SMD and CSP based linear, square and round modules for cost effective lighting applications
- High efficacy of up to 220 lm/W (nominal), 3 SDCM
- Available in CRI80, CRI90, CRI95, and Thrive (CRI98 full spectrum) from 1800K up to 6500K
- Static, tunable white along BBL, and color change options
- One replace 5 packages (RGB+WC) RGBW strip light with compatible efficacy and lumens
- Zhaga compliant 2x6 & 2x8 high efficiency modules for use with standard lens and suitable for harsh outdoor condition
- Drop-in replacement for 2x2 panel lights and 2x4 troffers
- Slim in-line (6mm width) for use in edge-lit systems
- All linear modules capable of 2x current overdrive
- Customized solutions are available per customer request



Product	Width	Length	CCT range	CRI options	Part Number (BXRV-/BXEB-)	Nom. If (mA)	Typ. Vf	Power (W)	Typ. Flux (lm)	Efficacy (lm/w)	Data-sheet
	(mm)	(mm)					(V)				
D10 RGBW Array	LES 10mm		1865K	90	D10-RGBW2000-A3	755	20	15	1941	126	DS581
				95		670	20	13	1618	124	
D13 RGBW Array	LES 13mm		1865K	90	D13-RGBW3000-A3	755	34	26	3266	125	DS582
				95		670	33	23	2707	119	
RGBW EB	19	610	2265K	90	L0610-RGBW3000-7E-A3	1050	19	20	3122	157	DS583
				95		1050	19	20	3024	153	
	25	1204	2265K	90	L1204-RGBW6000-EJ-A3	1050	37	39	6006	152	
				95		1050	37	39	5824	148	
Triple CCT EB	19	610	2265K	93	L0610-TRI3000-7E-A3	1050	19	20	3122	157	DS584
	25	1204		93	L1204-TRI6000-EJ-A3	1050	37	39	6006	152	
RGBW Strip	10	100 (4" cut)	2265K	95	ST10-RGBW1500-08A-A3	500 /meter	24	12 /meter	1488 /meter	124	DS585
SMD5050 Zhaga EB 2x6 / 2x8	45	146	2700-6500K	70	L0146Z-40C4000-062-A3	400	32	13	2818	220	DS533
	50	223		70	L0223Z-40C3000-082-A3	400	43	17	3757	220	
F90 Cuttable EB	24	1120	2700-6500K	90	F90-L1120-40G4000-08C-H1	956	24	23	4011	177	DS532
					F90-L1120-40G4000-08C-H2	956	23	22	4151	190	

All measurements are at $T_c=25^{\circ}\text{C}$. "40C and 40G" stand for "4000K CRI 70 and CRI 90". "1865K, 2265k" stand for tunable white "1800K-6500K, 2200K-6500K".

The listed flux and efficacy of RGBW series and Triple CCT EB are the example at CCT 4000K.

For more performance at each color point, please refer to the corresponding datasheet.

RGBW D10/D13 Array compatible with Bridgelux available holder, housing, optical lens and 4 channel driver. Please contact your Bridgelux sales representative for details.

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Product	Width	Length	CCT range (K)	CRI options	Part Number (BXEB-)	Nom. If (mA)	Typ. Vf	Power (W)	Typ. Flux (lm)	Efficacy (lm/w)	Data-sheet
	(mm)	(mm)					(V)				
Gen 4 HE	24	280	2700-6500K	80, 90	L0280F-40E2000-146-3	240	38	9	1968	219	DS530
		560			L0560F-40E4000-14C-3	480	38	18	3936	219	
		1120			L1120F-40E8000-18J-3	720	48	35	7591	219	
Gen 3 F90	20	140	2700-5000K	90	L0140F-40G0500-H-C3	77	38	3	574	196	DS142
		280			L0280F-40G1000-H-C3	154	38	6	1149	196	
		560			L0560F-40G2000-H-C3	308	38	12	2299	196	
		1120			L1120F-40G4000-H-C3	616	38	23	4598	196	
Gen 3 Thrive	24	280	2700-6500K	98	L0280Z-40S1000-C-C3	350	20	7	1010	145	DS133
		560			L0560Z-40S2000-C-C3	700	20	14	2020	145	
		1120			L1120Z-40S4000-C-C3	700	40	28	4040	145	
Gen 3 High Output	24	280	2700-6500K	80, 90	L0280Z-40E2000-C-D3	700	19	13	2610	194	DS134
		560			L0560Z-40E4000-C-D3	1400	19	27	5220	194	
		1120			L1120Z-40E8000-C-D3	1400	38	54	10440	194	
Edge	6	570	3000-5000K	80, 90	L0570A-40E3000-E-C3	700	24	16	2885	175	DS135
		570			L0570A-40G3000-E-C3	700	24	16	2485	151	
Slim Gen 3	12.7	340	2700-5700K	80, 90	L0340U-40E0750-C-C3	700	11	8	1530	201	DS171
		590			L0590U-40E1500-C-C3	700	19	13	2675	200	
		1190			L1190U-40E3000-C-C3	700	38	27	5350	200	
Vesta Edge	6	570	2750K	90	TL-L0570A-2750G2000-E-A3	600	35	21	2730	132	DS157
Vesta Tunable Gen 3, 1 Row	24	280	1830K 1840K 2750K 2765K	80, 90	TL-L0280Z-2750E1000-B-C3	375	20	7	1362	184	DS136
		560			TL-L0560Z-2750E2000-B-C3	750	20	15	2723	184	
		1120			TL-L1120Z-2750E4000-B-C3	750	39	30	5447	184	
Vesta Tunable Gen 3, 2 Rows	31	280	2750K, 2765K	80, 90	TL-L0280Z-2750E1000-A-C3	500	19	10	1836	189	DS138
		560			TL-L0560Z-2750E2000-A-C3	1000	19	19	3672	189	
		1120			TL-L1120Z-2750E4000-A-C3	1000	39	39	7344	189	

All measurements are at T_c=25°C.

"40E, 40G and 40S" stand for "4000K CRI 80, 90 and 98".

"1830, 1840, 2750 and 2765" stand for tunable white "1800K-3000K, 1800K-4000K, 2700K-5000K and 2700K-6500K".

For more performance at each color point, please refer to the corresponding datasheet.