

Company Profile: Bridgelux

2022

Bridging Light and Life™

Bridgelux: Over 15 Years of Innovation



2002-2008
6th Gen GaN on Sapphire LED Chips



2010
Industry 1st 5-year warranty



2013
Vero® Series 1st COB with Integrated Holder

2015
3030 SMD products



2017
Vesta® Series tunable white



2018
V Series™ HD
7070SMD



2020
Gen8 COB, Highest 185lm/w warm white
Vesta® SE Integrated holder
Vesta tunable white COBs
Vesta® Fusion integrated two channels drivers
Expended EB Series portfolio

2009
1st Global Commercial COB offering

2011
Décor Series™ 98 CRI

2014
Industry 1st 10-year warranty
Décor Series™ Class A

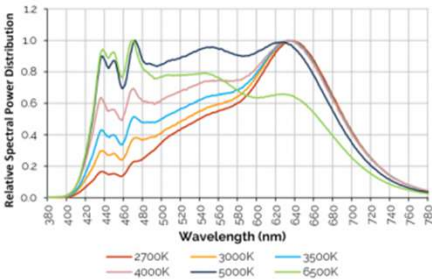


2016
2835 / 5050 SMD
7th Gen COB, 155lm/W warm white

2019
Vesta® Flex two channel driver and Control Solutions
Thrive™, Highest efficacy human centric white points
3th Gen EB Series™ 200lm/W
4014 SMD

2021
F90 Series, Highest efficacy CRI90 Products (210lm/W)





Industry Recognition: 2020 Innovation Awards



- Thrive HCL Light Sources
- Vesta Flex Tunable White Drivers and Controls



- Vesta Thrive HCL Tunable White Light Sources



- Gen 8 V Series, Vero and Vero SE High Efficiency Light Sources
- Vesta Flex Tunable White Drivers and Controls



- Vesta Thrive HCL Tunable White Light Sources: Enabling Technology of the Year

Product Technology Solutions To 4 Major Technology Focused Areas

Human Centric Lighting: Thrive™ Products

Proprietary spectral technology delivering the closest match to natural light available

High Efficacy CRI 90 Solution: F90™ Products

With Narrowband red Potassium Fluorosilicate (PFS or KSF) phosphor, the F90 LED products can achieve today's CRI80 LED efficacy with a CRI of 90.

Dynamic Lighting Solutions

Vesta® Series Arrays and Modules

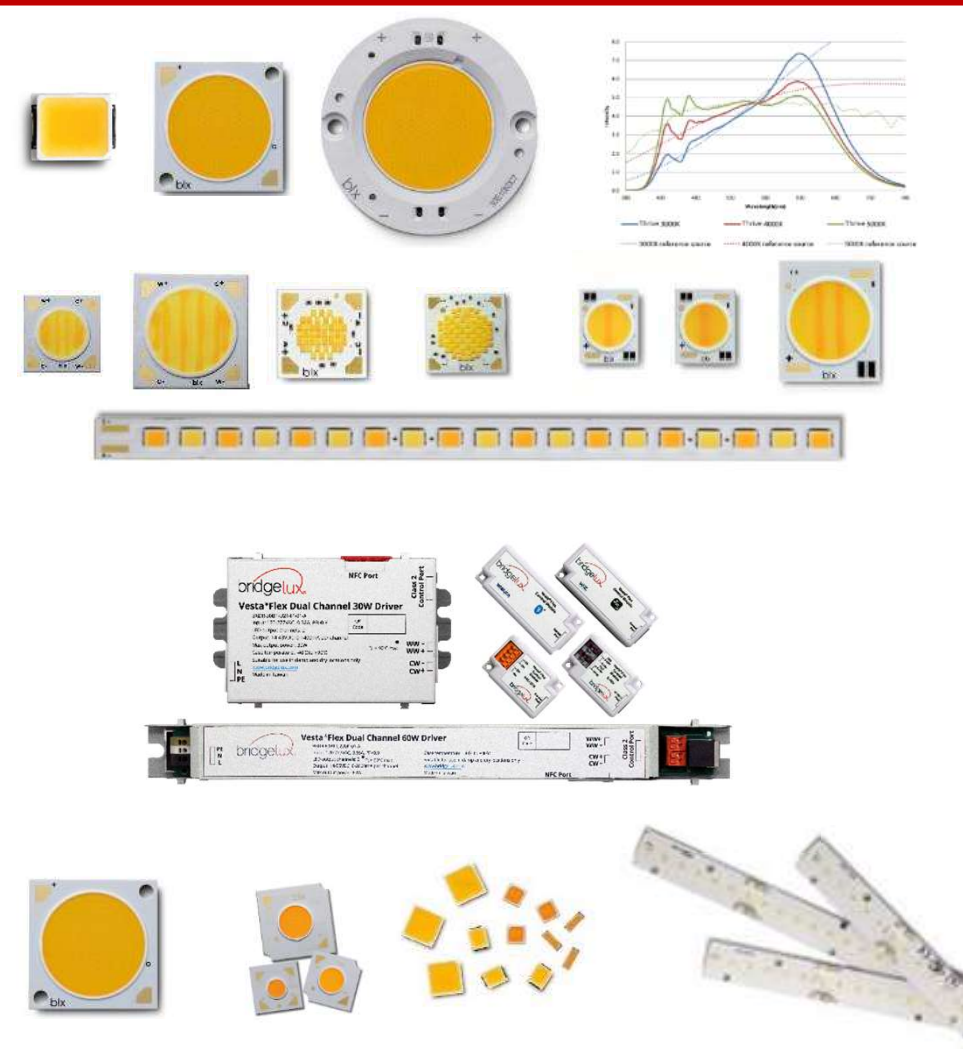
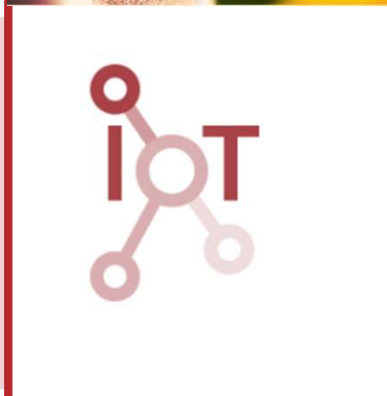
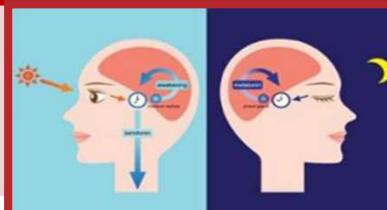
State of the art two color COBs and Modules

Vesta® Flex and Vesta® Fusion

Specification grade two channel driver solutions compatible with 6 different control solutions

General Illumination: LED Arrays, SMD Components, and Modules

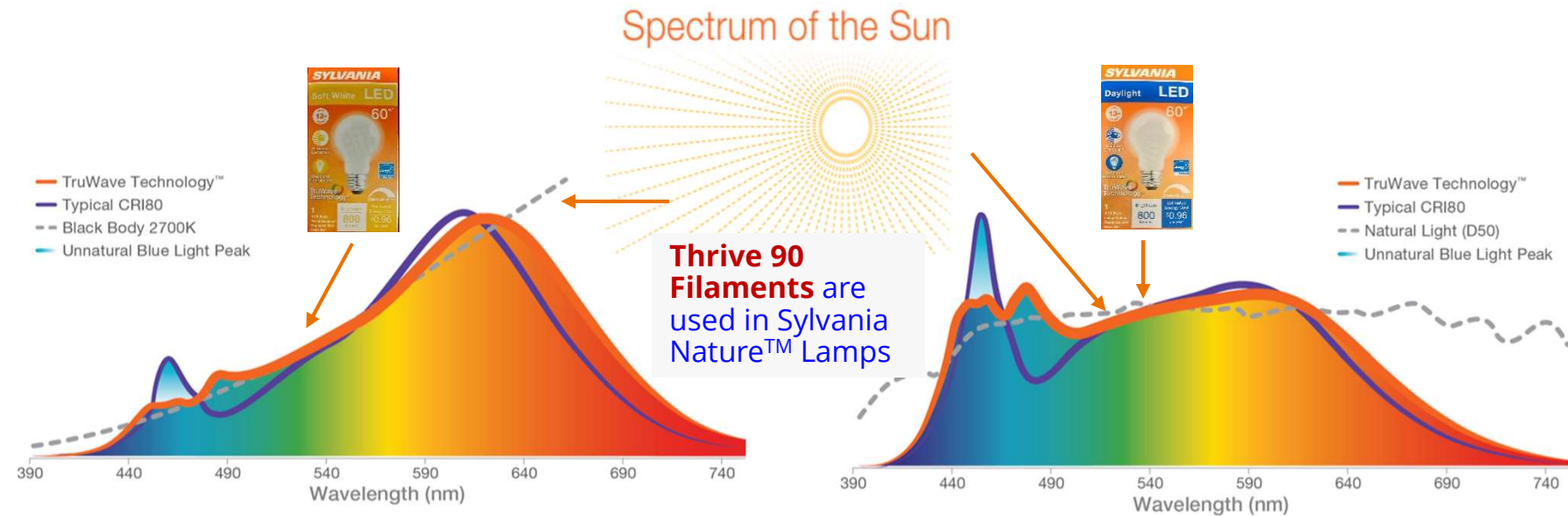
State of the art COB and SMD technology coupled with flexible module solutions



Enjoy Nature Sunlight Spectrum at Home

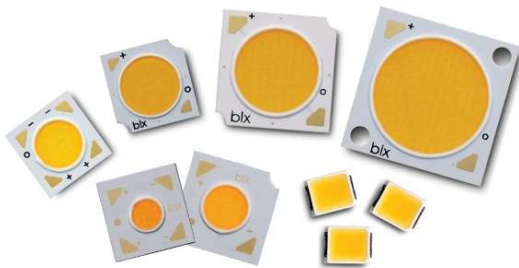
Bridgelux Thrive Full Spectrum LEDs

- delivers true Sunlight spectrum for human health and emotion wellbeing
- supports an improved sleep/wake cycle
- enhances your experience of true color as you see under Sunlight



Human Centric Lighting: Thrive™ - Spectral Engineering

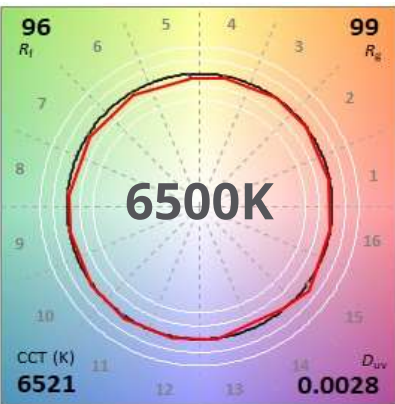
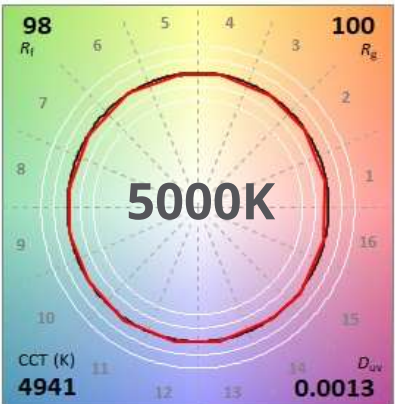
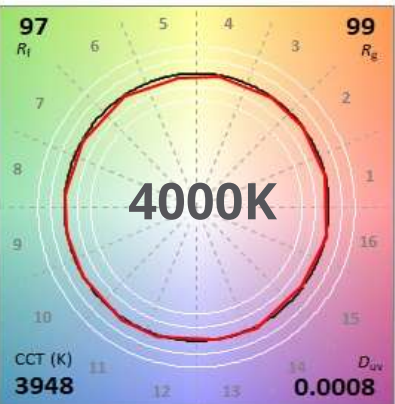
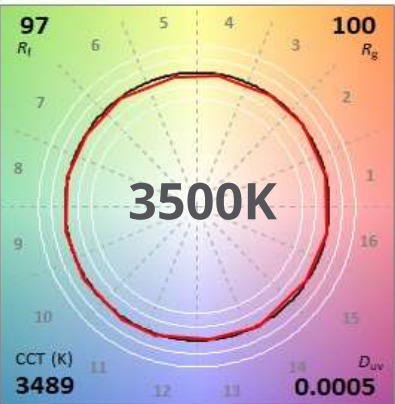
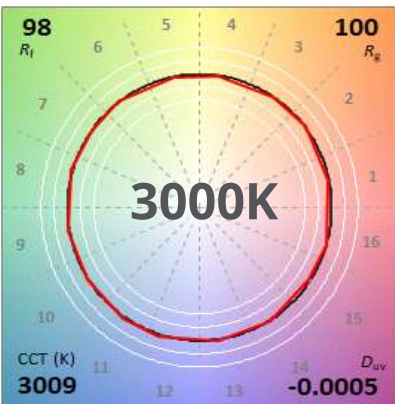
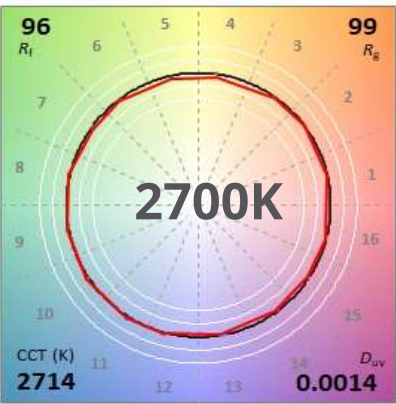
Bridgelux Thrive uses proprietary spectral technology to closely emulate the spectra of natural light



Features	Benefits
Closely emulated natural light with reduced blue intensity	Full, consistent light spectrum with minimal spectral spikes and valleys, the closest match to natural light available
Natural and vivid color rendering	Typical 98 CRI with R1-R15 values ranging from 92 to 100
High efficacy human-centric spectra	Excellent TM-30 metrics; R _f ranging form 96-98 and R _g from 99-100
Affordable spectra optimized for human well being	Up to 132 lm/W enabling greater energy savings, lower utility and environment costs
No violet light augmentation	Excellent reliability and lifetime
Available on select SMDs, COBs, and modules; tunable white options	Enables design flexibility and accelerate adoption of full spectrum natural lighting

Thrive: Excellent Color Rendering and TM-30 Metrics (High $R_f > 96$)

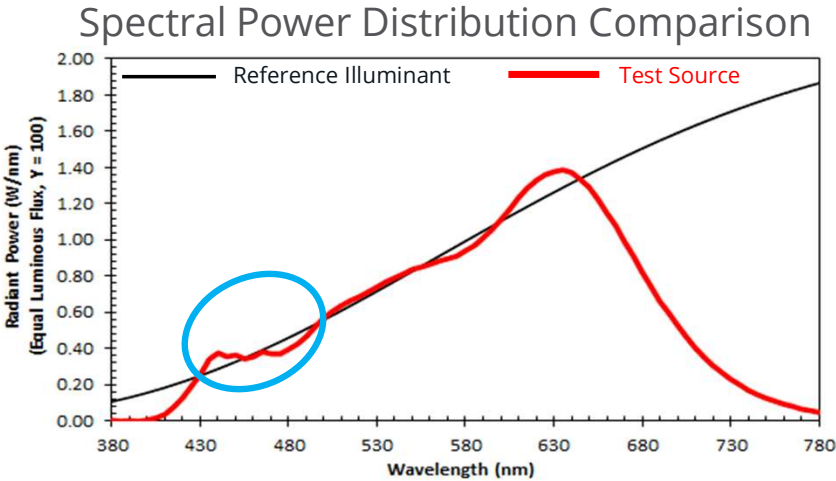
CCT	Ra	R_f	R_g	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2700K	97	96	99	99	98	98	96	97	96	99	99	96	98	93	95	97	98	99
3000K	98	98	100	98	100	97	97	98	98	99	98	94	100	94	99	98	97	100
3500K	98	97	100	97	98	98	97	97	97	99	98	94	98	95	97	97	98	97
4000K	99	97	99	99	99	99	99	99	99	99	99	97	100	99	96	99	99	99
5000K	98	98	100	99	99	100	97	98	99	98	98	96	99	98	92	99	99	98
6500K	99	96	99	99	99	100	98	98	98	98	99	98	99	98	94	99	100	98



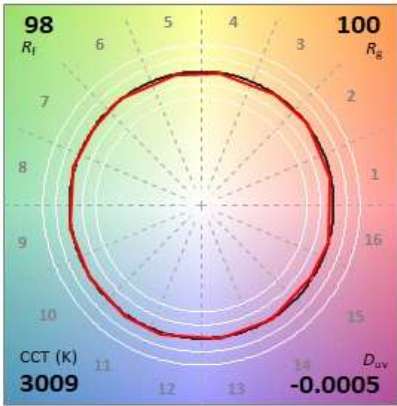
Example of Bridgelux 3000K Thrive Vs. 3000K 90 CRI

Thrive

- natural blue and cyan color

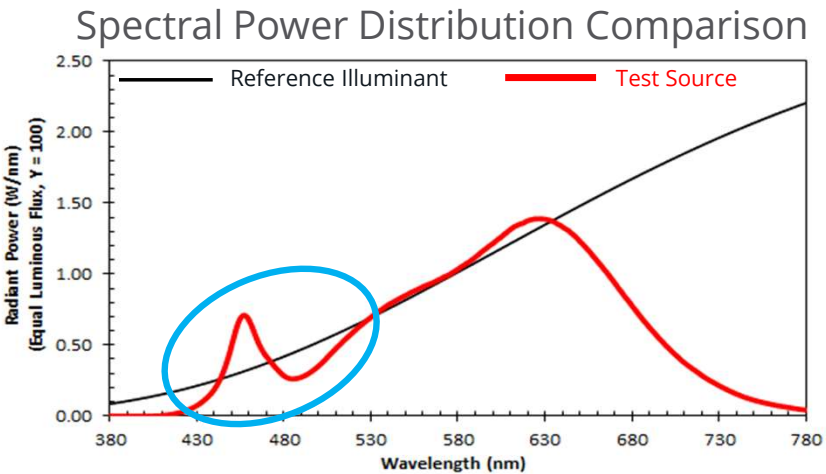


IES TM-30 Color Vector Graphic

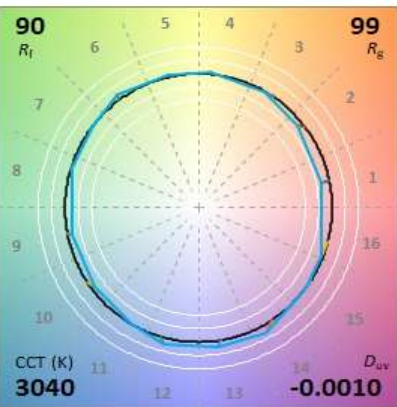


90 CRI

- blue spike and cyan valley



IES TM-30 Color Vector Graphic



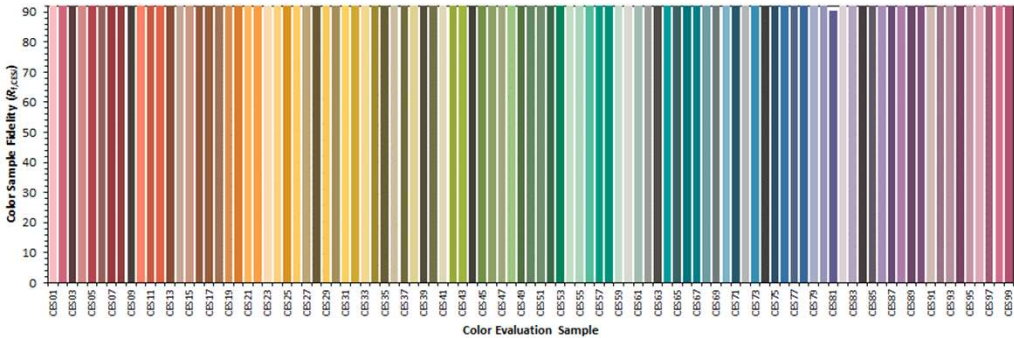
Example of Bridgelux 3000K Thrive Vs. 3000K 90 CRI

CCT	Ra	R _f	R _g	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
3000K	98	98	100	98	100	97	97	98	98	99	98	94	100	94	99	98	97	100

Thrive

TM-30 Individual color fidelity scores capped at 92 (just noticeable difference)

- 97 of 99 values ≥ 92 (98%)
- 2 samples ≥ 90 but < 92
- 0 samples < 90

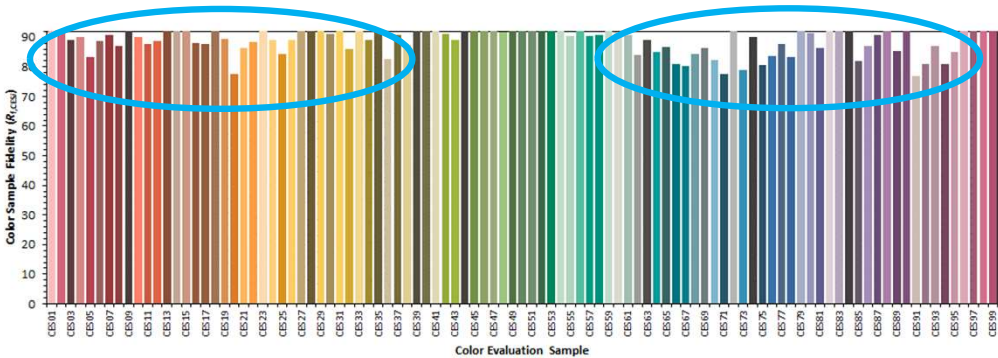


CCT	Ra	R _f	R _g	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
3000K	93	90	99	94	96	96	91	92	94	93	85	66	89	90	77	94	97	92

90 CRI

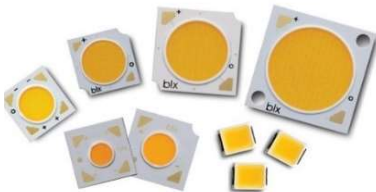
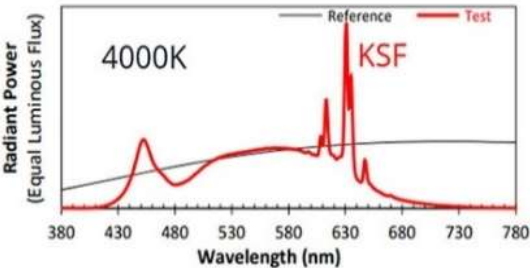
TM-30 Individual color fidelity scores capped at 92 (just noticeable difference)

- 40 of 99 values ≥ 92 (40%)
- 15 samples ≥ 90 but < 92
- 44 samples < 90



High Efficacy CRI 90 Solution: F90™ Products

Bridgelux F90™ products uses narrowband red Potassium Fluorosilicate (PFS or KSF) phosphor. **CRI80 Efficacy with CRI 90 Color Rendering**



Features	Benefits
F90 performance with CRI 80 efficacy	Industry standard footprint and form factor for Drop-in replacement for CRI80 LEDs used in the existing lighting products.
Up to 210 lm/W efficacy performance	Superior lumen per dollar
CRI 90 with R9 of min 50	Economical, high efficiency solution
ANSI Compliant color bin	True color reproductions
DLC Premium Lumen maintenance L90≥36,000 hour	Increase the vividness of strong red colors especially desirable in retail applications
Available in SMDs and COBs	Industry standard electrical compatibility

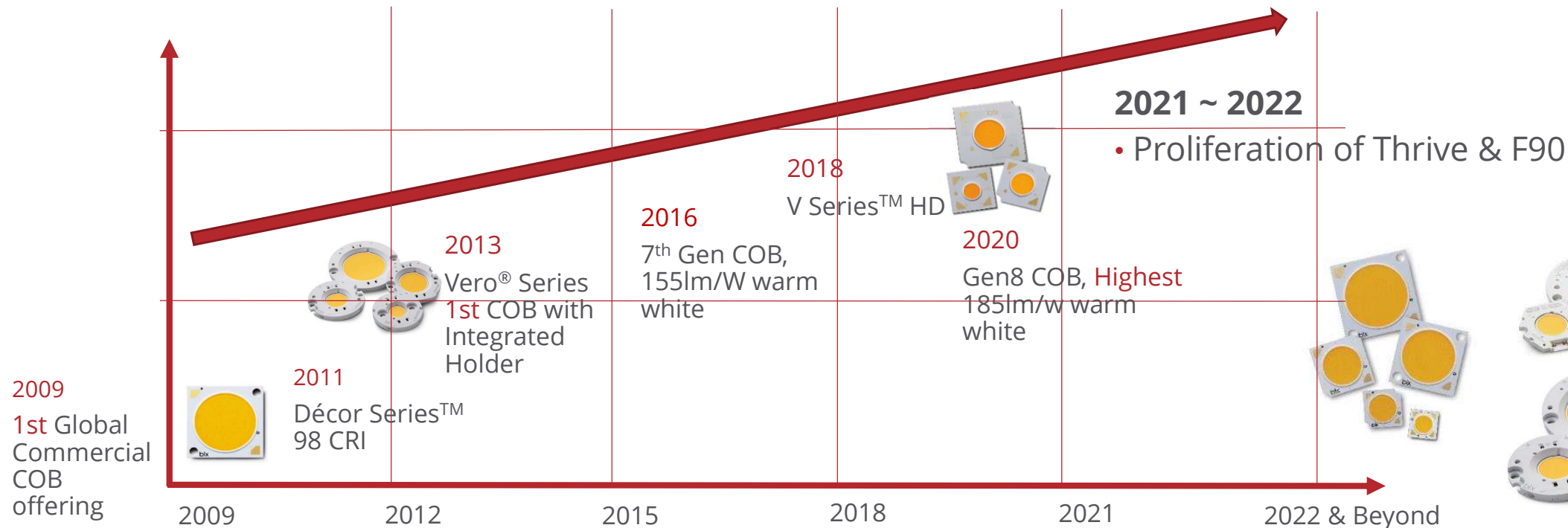
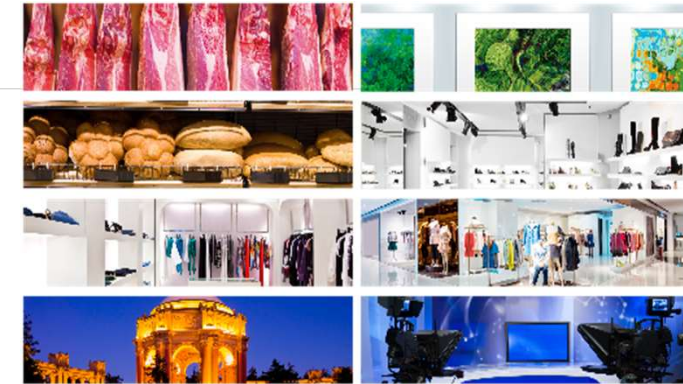
Typical Efficacy Comparison By Color Rendering Technology & Form Factor

CCT (K)	CRI Technology	Typical Efficacy lm/W at Rated Current vs. Form Factor			
		V8, V10, V13	V18	SMD 2835 1W 9V	SMD 2835 0.2W 3V
3000	Standard 80	175	180	125	170-210
3000	Standard 90	147	150	105	140-176
3000	F90	Coming Soon	Coming Soon	125	170-210
3000	Thrive	104 (CRI 98)	108 (CRI 95)	100 (CRI 95)	126 (CRI 97)

Pulsed data at rated drive current per form factor, T_c = 85°C

General Illumination: LED Arrays

- Launched its first family LED arrays in 2009 solving design challenges with clean and consistent light sources
 - Industry ONLY factory integrated holder
 - Industry's best standard warranty - up to 10 years



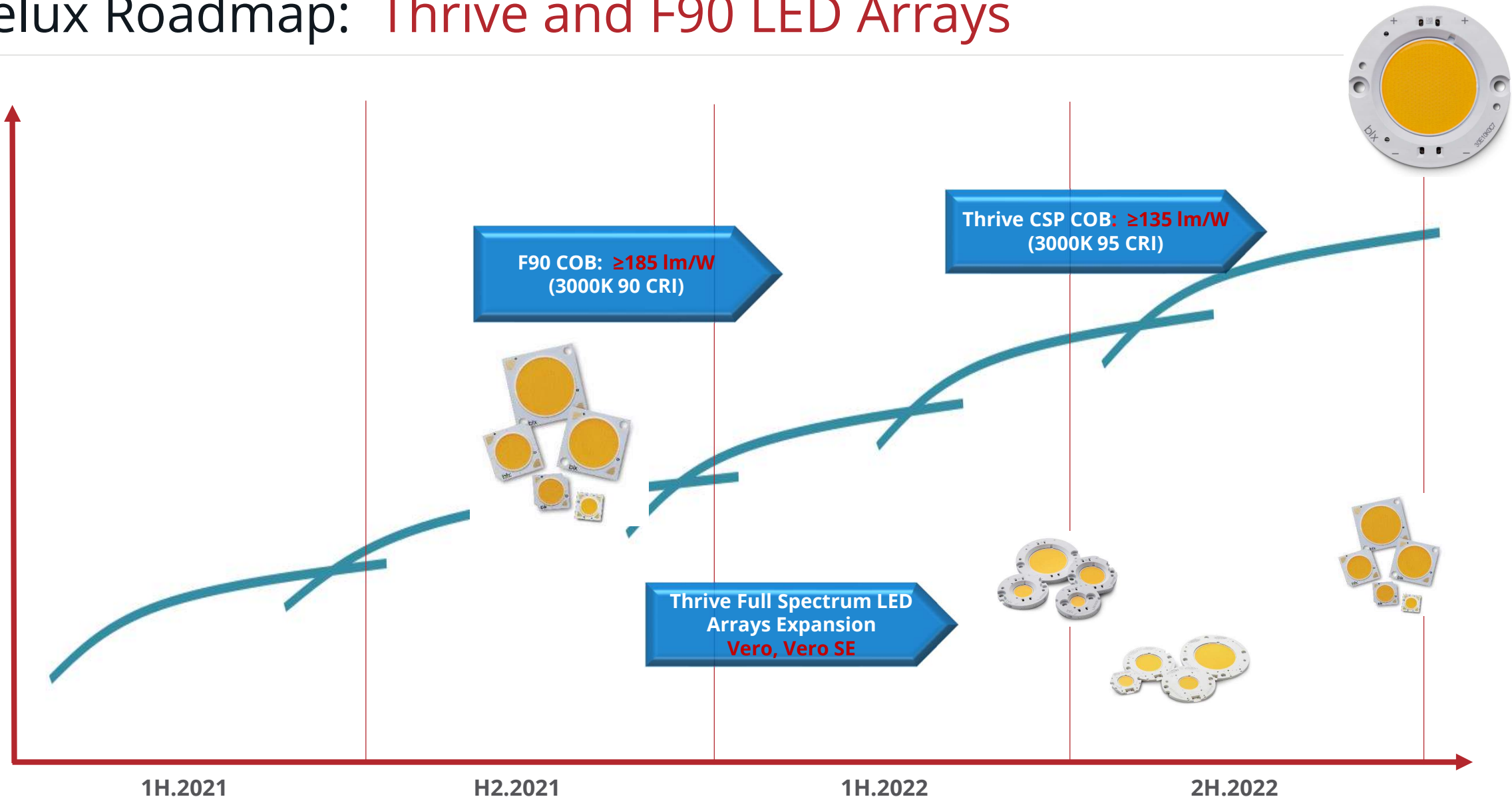
Gen 8 LED Array: Performance At A Glance

Product	CCT Range	CRI	SDCM	3000K, 80CRI Typ. Flux* (lm)	Drive Current (mA)	Voltage* (V)	Efficacy* (lm/W) 3000K, 80CRI	LES (mm)
V8E	2700K-5000K	70, 80, 90	1, 2, 3 & 4	880	300	16.8	175	8
V10C	2700K-6500K	70, 80, 90	1, 2, 3 & 4	1614	300	30.7	175	10
V13C	2700K-6500K	70, 80, 90	1, 2, 3 & 4	2970	500	33.4	180	13
V18C	2700K-6500K	70, 80, 90	1, 2, 3 & 4	6257	1050	33.9	180	18
V22C	2700K-6500K	70, 80, 90	1, 2, 3 & 4	11080	950	50.2	185	22

* Pulsed data at rated drive current per form factor, T_c = 25°C

Bridgelux Roadmap: Thrive and F90 LED Arrays

Value

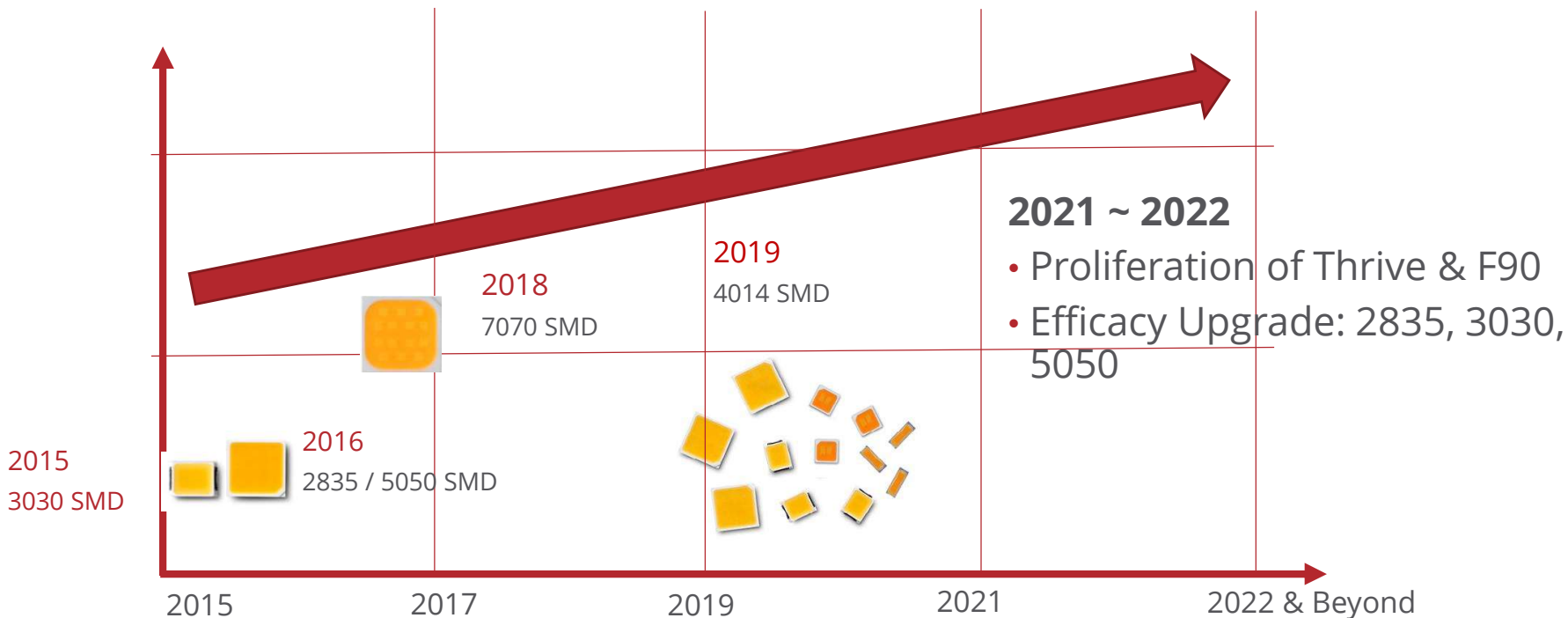
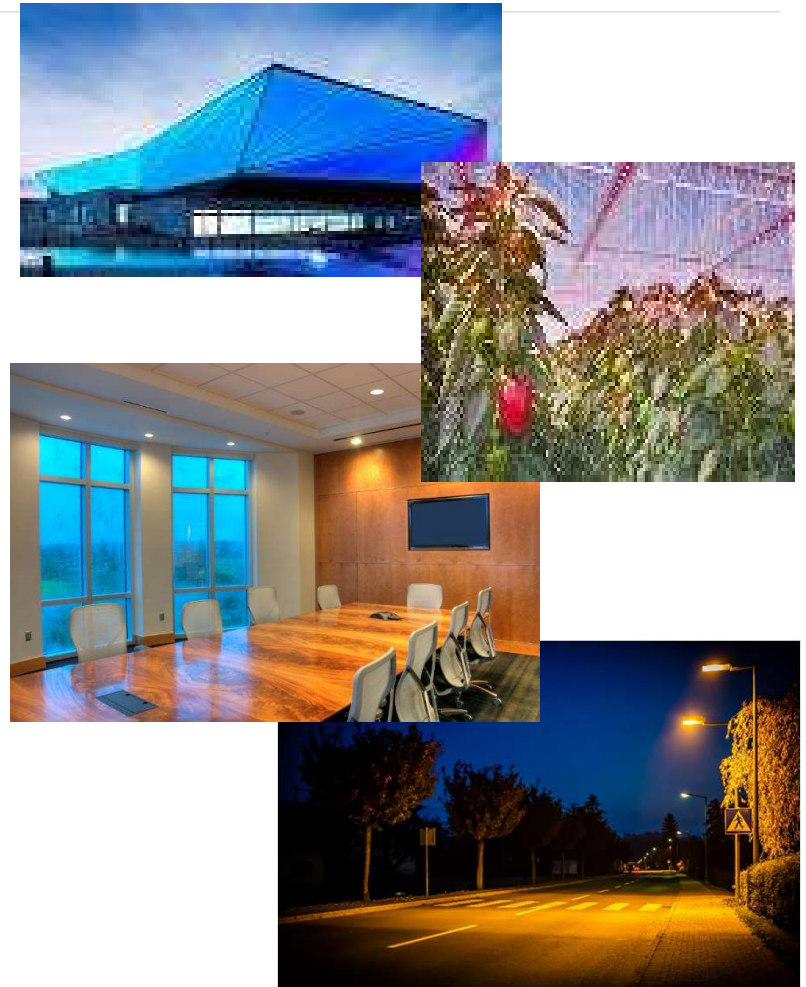


Unless otherwise specified point of arrow indicates target market launch date. Alpha engineering samples typically available 4-6 weeks prior to market launch, productions samples typically available 2-4 weeks prior to market launch.

General Illumination: SMD Products

Industry standard form factors including 7070, 5050, 3030, 2835, and 4014

- 3 and 5 SDCM binning options
- Broad range of CCT and CRI selections
- Multiple wattage and electrical configurations available



SMD: Performance At A Glance

Product		2835												
Part Number Identifier		11L-3S	11L-37A	11L-3AA	11M-3CA 11M-3C	21M-3DA 21M-3D	11M-3S	11M-39A 11M-39	11M-3AA 11M-3A	11M-3CA 11M-3C	21M-3DA 21M-3D	13H-9C	13H-9CN	13H-9D
Power		0.2W	0.2W	0.2W	0.2W	0.2W	0.5W	0.5W	0.5W	0.5W	0.5W	1W	1W	1W
Drive Current		60 mA	60 mA	60 mA	60 mA	60 mA	150 mA	150 mA	150 mA	150 mA	150 mA	100 mA	100 mA	100 mA
Voltage (V)		2.95	2.90	2.90	2.78	2.69	3.22	3.20	3.10	3.00	2.85	9.30	9.20	8.80
CRI Options (min)		80, 90	80	80	80, 90	80, 90	80, 90	80, 90	80, 90	80, 90	80, 90	80, 90, 95	90	90
CCT Range Available		2200K - 6500K	2700K- 6800K	2700K- 6500K	1800K - 6500K	2700K - 6500K	2200K - 6500K	2500K - 6500K	2700K - 7500K	1800K - 6500K	2700K - 6500K	2500K - 6500K	2700K - 6500K	2700K - 6500K
3000K 80 CRI Performance	Lumens	26	26	28	30	31	62	65	68	71	77	130	116 (90 CRI)	122 (90 CRI)
	Lm/W	147	149	161	181	194	128	135	148	158	180	140	126 (90 CRI)	134 (90 CRI)
4000K 80 CRI Performance	Lumens	28	28	29	33	34	67	69	72	77	81	140	122 (90 CRI)	128 (90 CRI)
	Lm/W	158	161	167	196	210	139	144	155	171	189	151	133 (90 CRI)	145 (90 CRI)

* Pulsed data at rated drive current per form factor, $T_c = 25^\circ\text{C}$

SMD: Performance At A Glance

Product		3030		5050		7070			4014
Part Number Identifier		21H-3A	12H-6A	435-09C	1C5-36C	1E6-42A	298-27A	2CA-36A	11L-3C
Power		1W	1W	5W	5W	6W	8W	11W	0.2W
Drive Current		350 mA	150 mA	500 mA	125 mA	150 mA	300 mA	300 mA	60 mA
Voltage (V)		3.1	6.1	8.9	35.7	41.7	26.6	35.5	2.8
CRI Options (min)		80, 90	70, 80, 90	70, 80, 90	70, 80, 90	70, 80, 90, 95	70, 80, 90, 95	70, 80, 90, 95	80, 90
CCT Range Available		2700K - 5700K	2200K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K
3000K 80 CRI Performance	Lumens	136 (90 CRI)	133	677	677	881	1146	1474	30
	Lm/W	124 (90 CRI)	147	152	152	141	143	138	179
4000K 80 CRI Performance	Lumens	163	141	713	713	938	1226	1568	33
	Lm/W	148	156	160	160	150	153	147	190

* Pulsed data at rated drive current per form factor, T_c = 25°C

Current F90 SMD: Performance At A Glance

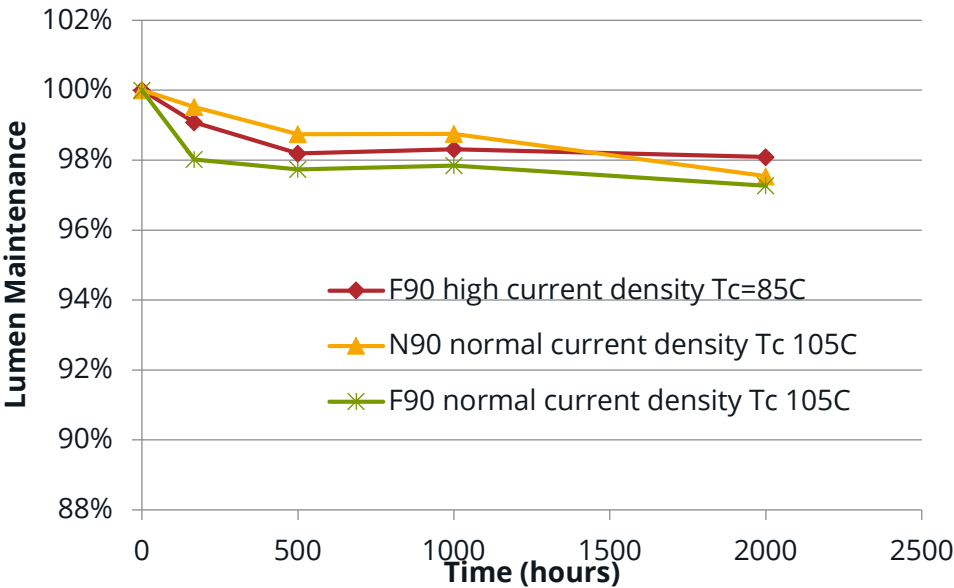
Product		F90 2835						
Part Number Identifier		11L-37	11L-3A	11L-3C	21L-3C4	21H-18C	13H-9C	13H-9D
Power		0.2W	0.2W	0.2W	0.2W	0.9W	0.9W	0.9W
Drive Current		65 mA	66 mA	67 mA	68 mA	50 mA	100 mA	100 mA
Voltage (V)		2.9	2.88	2.82	2.72	18	9.15	8.95
CCT Range Available		2700K - 6500K						
3000K 80 CRI Performance	Lumens	30	32	34	35	140	127	142
	Lm/W	160	173	184	198	156	139	158
4000K 80 CRI Performance	Lumens	31	33	35	36	144	130	145
	Lm/W	164	177	188	204	160	142	162

Pulsed data at rated drive current per form factor, T_c = 25°C

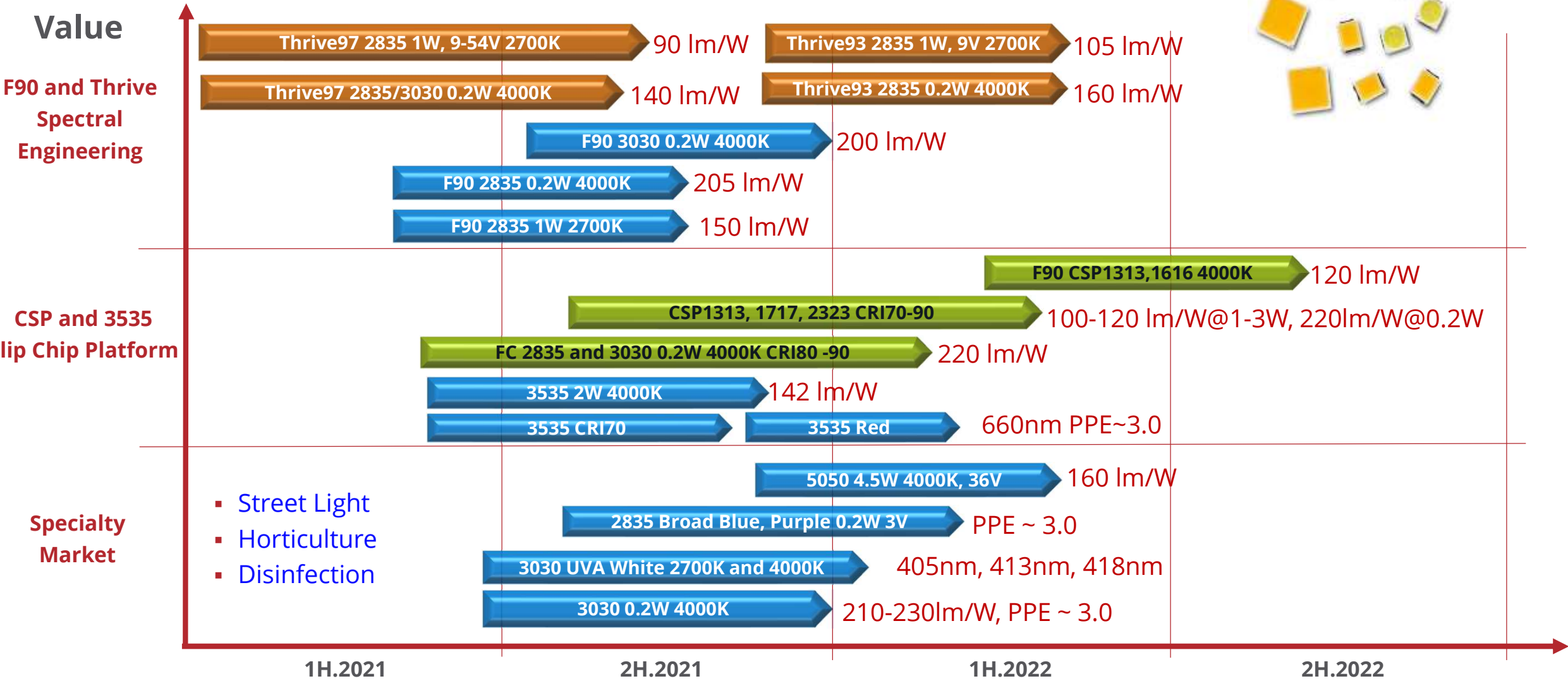
F90 COB Efficacy Comparison of Different Solutions

- F90 over perform N80 at 3000K.
- F90 can compete with N company COB product at similar performance.
- By customize recipe (F90→S90), we can duplicate GPS-L13 COB with slight better performance.
- F90 and N90 has similar reliability at rated current 105C. Reliability is better at 85C and high current density.

Sample	If / mA	Flux / lm	Efficacy / lm	CCT / K	Vf / V	CRI	R9
V13B N80	350	2069	177.1	3034	33.38	82.4	10
V13B N90	350	1696	144.7	3036	33.49	91.9	75.4
V13B F90	350	2128	180.9	3150	33.61	90.7	77.7
N-L11.5	460	2820	177.2	3000	34.6	>90	>50
GPS-L13	350	1944	166.2	3000	33.4	>90	>50
V13B S90	350	1969	168.5	3169	33.38	90.2	53



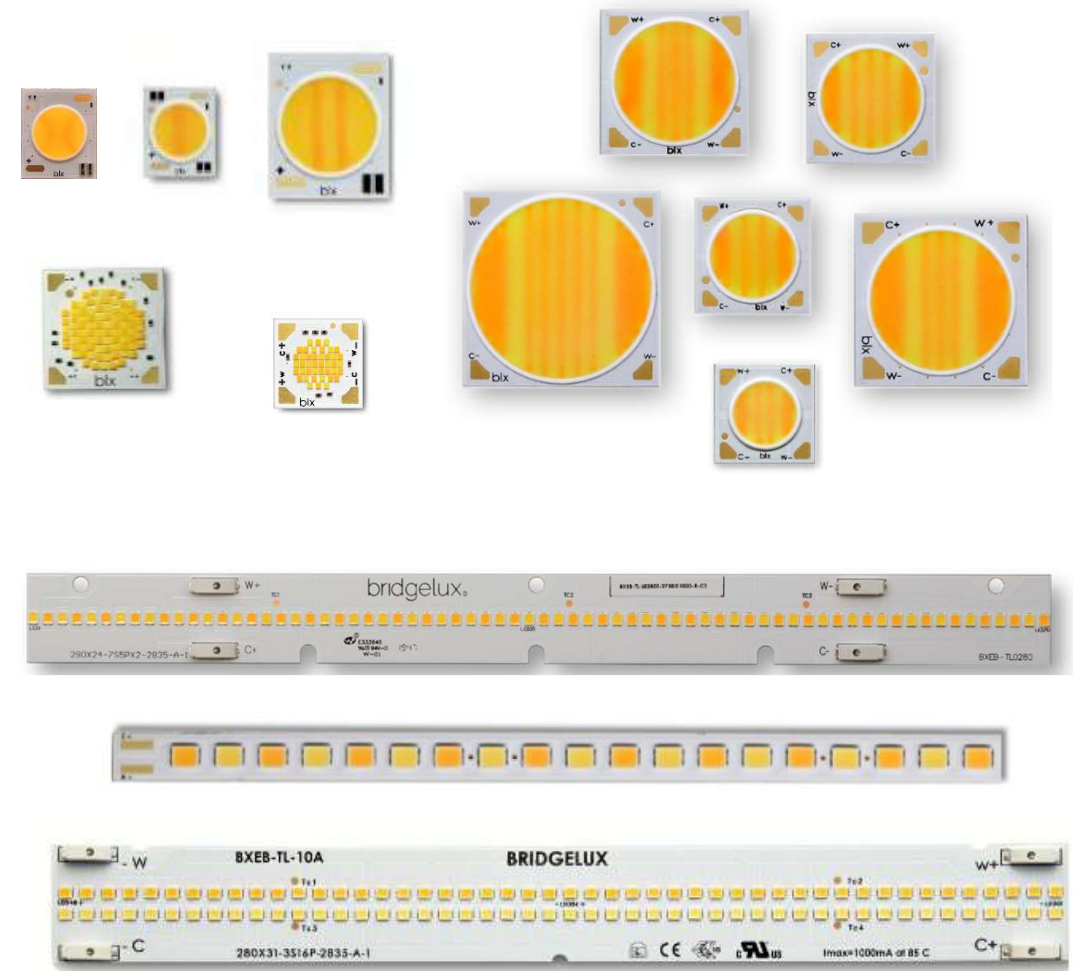
Bridgelux: SMD Components Roadmap



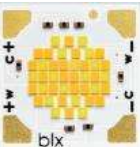
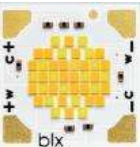
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Bridgelux Dynamic Lighting Solutions: Vesta Series

- Industry's widest range of tunable white and dim-to-warm LED products
 - Circular options with LES ranging from 6mm to 29mm
 - Linear options with lengths ranging from 280mm to 1200mm
 - CCT tuning range options
 - 1800-3000K, 1800K-4000K, 2700-5000K, 2700K-6500K
 - CRI90 and Thrive™ options
 - Thrive provides natural circadian tunable light
 - F90 provides the high efficacy CRI90



Bridgelux Vesta COB Portfolio: Tunable White and Dim-To-Warm

Technology	Sample Image	Part Numbers	LES (mm)	Typ. Power (W)	Tunable / Dimming CCT Range (K)	Min. CRI	Typ. Flux at coolest CCT, 90CRI, Tc=25°C (lm)	Drive Current (mA)	Typ. Voltage Tc=25°C (V)	Typ. Peak Efficacy Tc=25°C (lm/W)	Application Highlights
Dispensed Phosphor	 Gen 2	new-23 BXRV-DR-18xxG-0600-A-x3	6	6	1800-2700/3000 ¹	90	660	350	17.0	111	Dim-To-Warm Gen 2 with improved color over angle uniformity
		new BXRV-DR-18xxG-0600-B-23	6	10		90	1080	280	34.6	111	
		BXRV-DR-18xxx-1000-G-13	9	4		90, 95	497	250	17.0	117	
		BXRV-DR-18xxx-1000-A-13	9	6		90, 95	696	350	17.0	117	
		new BXRV-DR-18xxG-1000-J-23	9	9		90	998	250	33.0	121	
	 Gen 1	new-23 BXRV-DR-18xxx-1000-B-x3	9	12		90, 95	1384	350	33.8	117	Good uniformity for beam angles >15deg Residential, Hospitality,
		new BXRV-DR-18xxx-1000-K-23	9	17		90	1713	450	35.7	107	
		new-23 BXRV-DR-18xxx-2000-A-x3	13	20		90, 95	2432	600	33.5	121	
		BXRV-DR-18xxx-3000-A-13	15	32		90, 95	3920	950	34.1	121	
		BXRV-DR-18xxG-4000-A-13	18	44		90	5144	1290	33.8	118	
	 Gen 2	BXRV-DR-18xxG-1K00-A-13	29	107		90	13098	2350	45.6	122	
CSP	 Gen 2	BXRV-TR-2750G-1000-A-2x	9	12	2700-5000 ²	90	1385	700	18.1	106	Good uniformity for beam angles >10deg
		BXRV-TR-2750G-2000-A-2x	13	25			2750	700	36.0	106	
Dispensed Phosphor	 Gen 2	BXRV-TR-27xxG-06A0-A-23	6	6	2700-5000/6500 ²	90	615	150	37.0	111	Higher efficacy,
		BXRV-TR-xxxxG-10A0-x-23	9	9	2700-5000/6500 ²	90, Thrive	1130	500 / 250	18.2 / 35.1	129	Higher lm/\$ options,
		BXRV-TR-xxxxG-20A0-A-23	13	18	1800-3000/4000 ²		2230	500	36.3	123	
		BXRV-TR-2750G-30A0-A-23	15	23	2700-5000/6500 ²	90	2960	650	36.2	126	Good uniformity for beam angles >15deg,
		BXRV-TR-2750G-40A0-A-23	18	32	2700-5000/6500 ² 1800-4000 ²	90, Thrive ^{new}	4150	900	35.8	129	
		BXRV-TR-2750G-65A0-A-23	22	48	2700-5000/6500 ²	90	6150	900	53.6	127	Retail, Hospitality Residential, Healthcare
		BXRV-TR-2750G-1KA0-A-23	29	55			7500	1050	52.7	136	

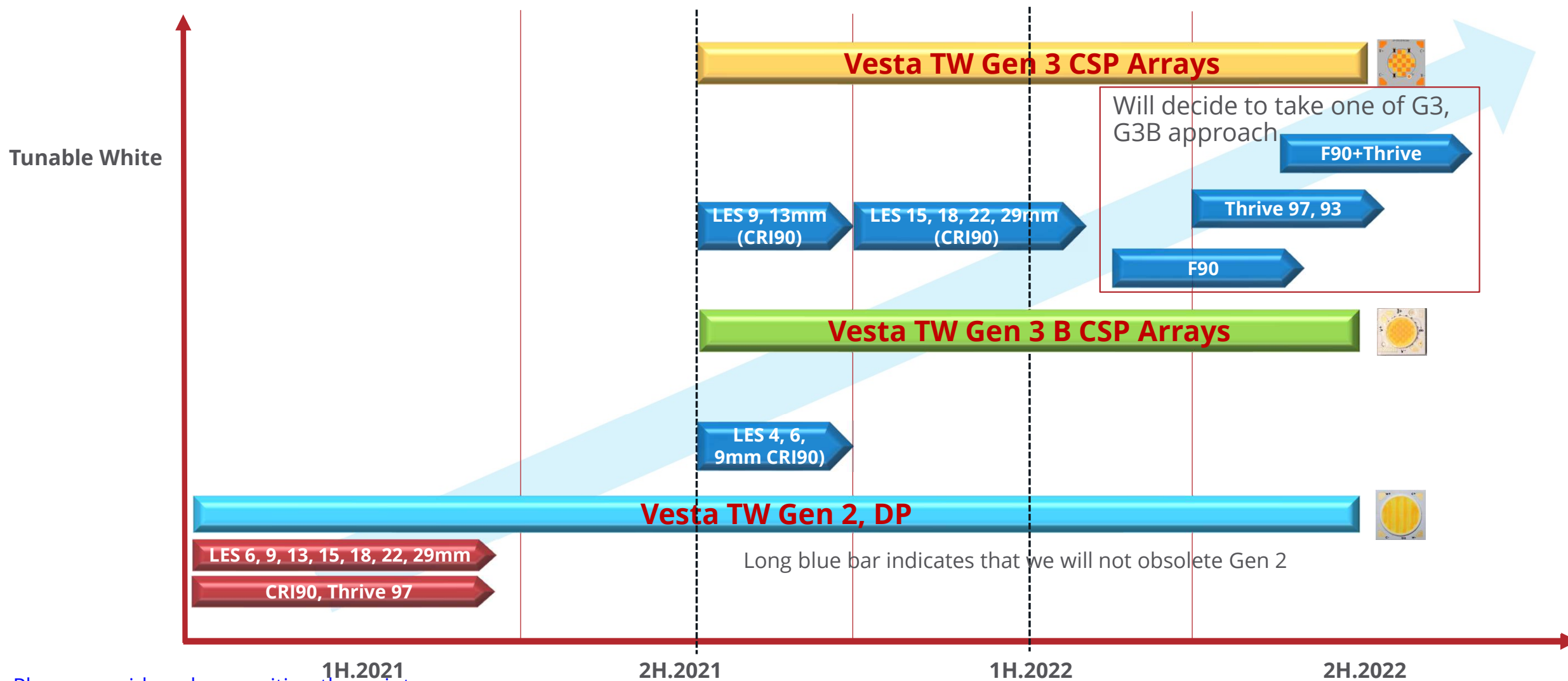
Notes:
1. Tc = 25°C;
2. Tc = 85°C

Bridgelux Vesta SE Portfolio: Tunable White and Dim-To-Warm

Vesta Product	Sample Image	Part Numbers	LES (mm)	Typ. Power (W)	Integrated Array Diameter (mm)	Dimming / Tunable CCT Range (K)	Min. CRI	Typ. Flux at coolest CCT, 90CRI, Tc=25°C (lm)	Drive Current (mA)	Typ. Voltage Tc=25°C (V)	Typ. Peak Efficacy Tc=25°C (lm/W)	Application Highlights
Dim-To-Warm Integrated Arrays		new-23 BXRV-DR-18xxG-0600-A-x3-S2	6	6	30.8	1800-2700/3000 ¹	90	581	350	17.0	98	Dim-To-Warm Gen 2 with improved color over angle uniformity
		new BXRV-DR-18xxG-0600-B-23-S2	6	10			90	950	280	34.6	111	
		BXRV-DR-18xxx-1000-G-13-S2	9	4			90, 95	438	250	17.0	103	
		BXRV-DR-18xxx-1000-A-13-S2	9	6			90, 95	613	350	17.0	103	
		new BXRV-DR-18xxG-1000-J-23-S2	9	9			90	878	250	33.0	106	
		new-23 BXRV-DR-18xxx-1000-B-x3-S2	9	12			90, 95	1218	350	33.8	103	Hole positions and dimensions are compatible with those of the Vero SE array
		new BXRV-DR-18xxG-1000-K-23-S2	9	17	90		1507	450	35.7	102		
		new-23 BXRV-DR-18xxx-2000-A-x3-S2	13	20	90, 95		2238	600	33.5	111		
		BXRV-DR-18xxx-3000-A-13-S2	15	32			3306	950	34.1	111		
		BXRV-DR-18xxG-4000-A-13-S2	18	44	45.0		90	4887	1290	33.8	112	Zhaga compliant
		BXRV-DR-18xxG-1K00-A-13-S2	29	107	49.2		90	12705	2350	45.6	119	Poke-in connectors for easy wire connection
Tunable White Integrated Arrays		BXRV-TR-27xxG-06A0-A-23-S2	6	6	36.2	2700-5000/6500 ²	90	566	150	37.0	102	20 - 24 AWG, 0.2 - 0.5mm2
		BXRV-TR-xxxxG-10A0-x-23-S2	9	9	36.2	2700-5000/6500 ² 1800-3000/4000 ²	90, Thrive	1040	500 / 250	18.2 / 35.1	118	
		BXRV-TR-xxxxG-20A0-A-23-S2	13	18				2119	500	36.3	117	
		BXRV-TR-2750G-30A0-A-23-S2	15	23	45.0	2700-5000/6500 ²	90	2812	650	36.2	120	Alignment holes for secondary optics
		BXRV-TR-2750G-40A0-A-23-S2	18	32		2700-5000/6500 ² 1800-4000 ²	90, Thrive ^{new}	4026	900	35.8	125	
		BXRV-TR-2750G-65A0-A-23-S2	22	48		2700-5000/6500 ²	90	5966	900	53.6	124	
		BXRV-TR-2750G-1KA0-A-23-S2	29	55	49.2			7350	1050	52.7	133	

Notes:
1. Tc = 25°C;
2. Tc = 85°C

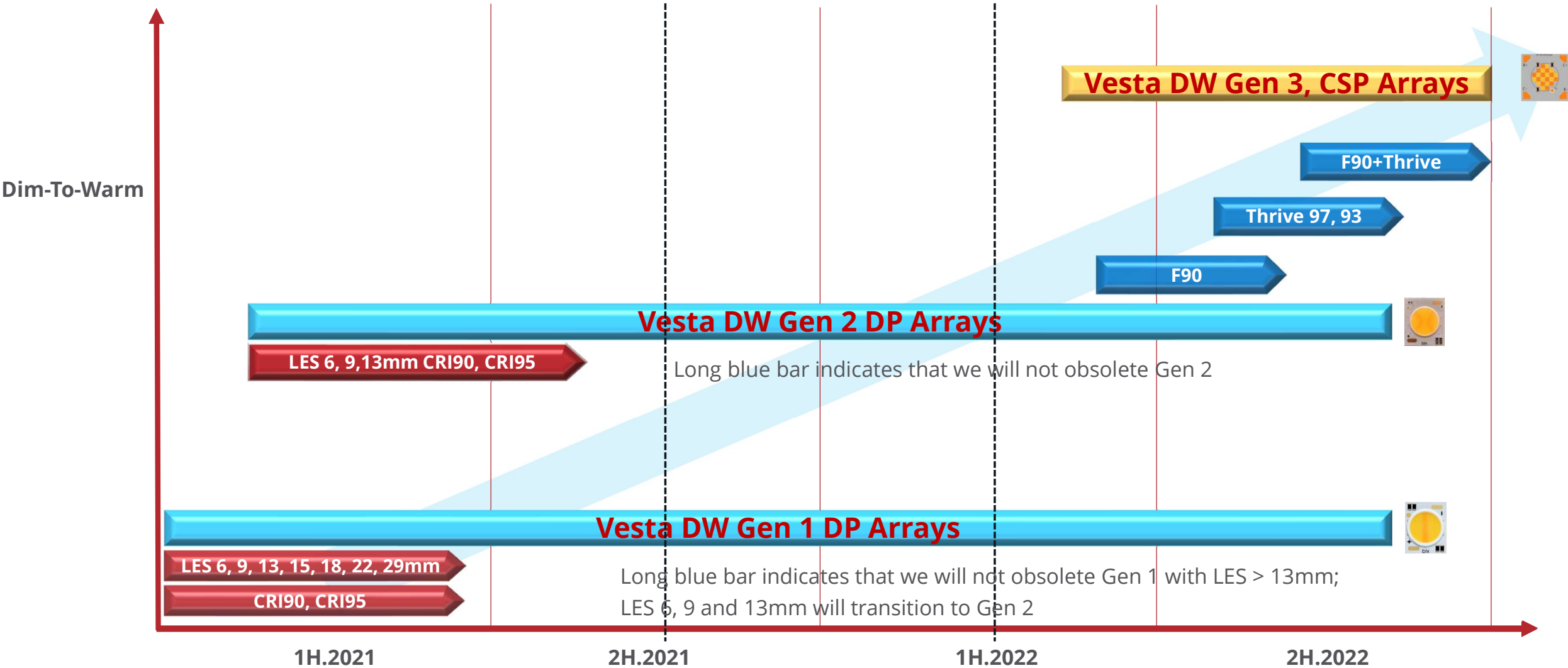
Bridgelux Roadmap: Vesta® Series Tunable White Arrays



Please consider when position the pointers

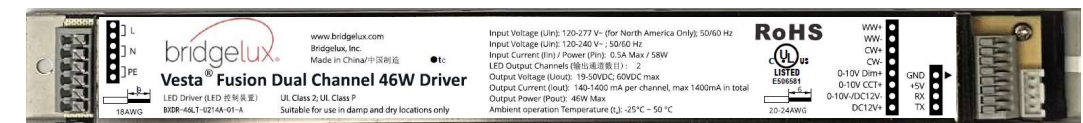
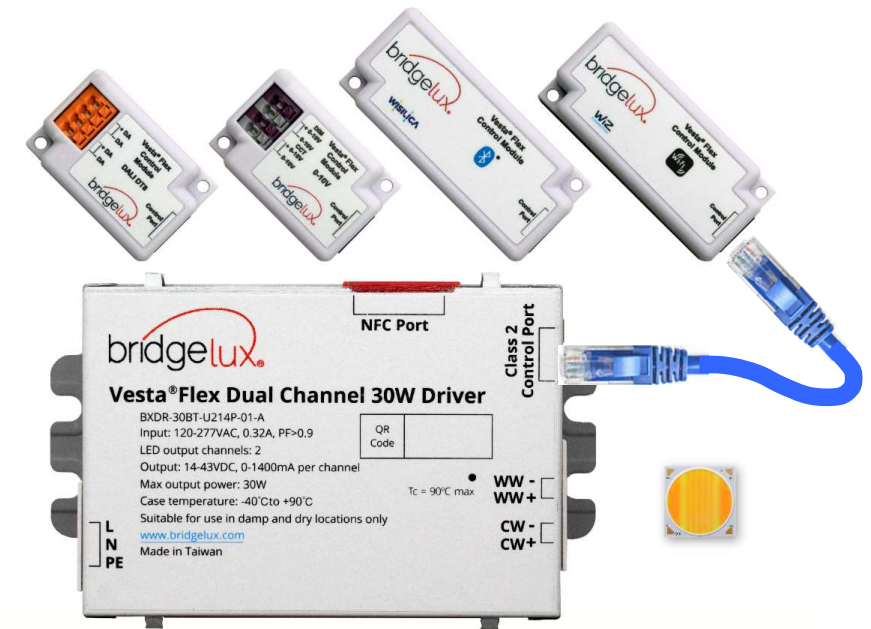
Unless otherwise specified point of arrow indicates target market launch date. Alpha engineering samples typically available 4-6 weeks prior to market launch, productions samples typically available 2-4 weeks prior to market launch.

Bridgelux Roadmap: Vesta® Series Dim To Warm Arrays

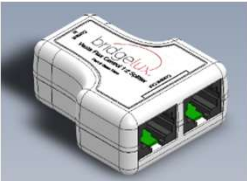
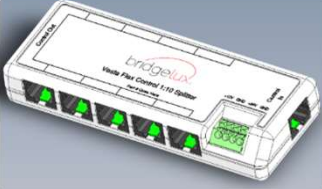


Bridgelux Two Channel Drivers: Vesta Flex & Vesta Fusion

- Tunable white light sources require specialized drivers
 - Dual inputs (CCT & Intensity)
 - Dual outputs (cool white and warm white channels)
- Bridgelux has two tunable white driver families that are specially tuned for Vesta Modules:
 - **Vesta Flex**
 - 30W: 14-43V, 100-1400mA, dimming down to 0.1%
 - 60W: 14-54V, 200-2000mA, dimming down to 0.1%
 - NFC programming
 - PWM interchangeable RJ45 for wired and wireless control options: 0-10V, DALI DT8, Blue Tooth, and WiFi.
 - **Vesta Fusion**
 - 46W: 19-50V, 1400mA, dimming down to 1%
 - 23W: 14-42V, 700mA, dimming down to 1%
 - Wired programming & integrated 0-10V controls

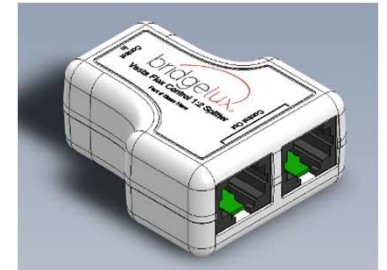


Vesta Flex Products: Available Now and Coming Soon

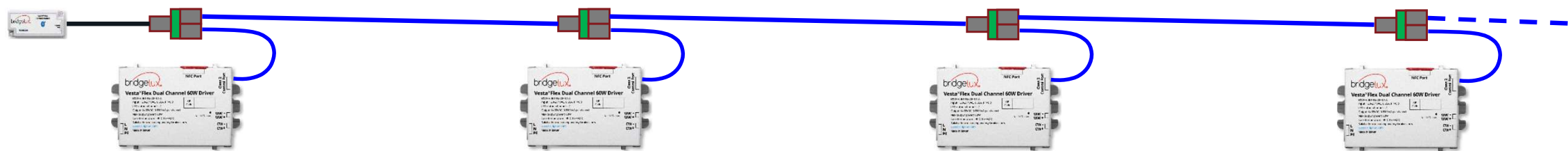
Category	Products	Available	Images
Drivers	30W and 60W Brick	Now	  
	60W Linear		
Control Modules	0-10V	Now	      
	DALI-2 DT8	Q4 2021	
	WiZ, WiSilica, Casambi, Silvair	Now	
	BubblyNet	Samples	
Tools	NFC Programming Tool	Now	 
	Wire Insertion Tool		
Splitter Accessories	1:2 and 1:10 Splitters	Q4 2021	 

Vesta Flex Splitter: 1:2 Splitter

- 1x RJ45 port for connection to the control module
- 2x RJ45 ports for connecting to drivers and additional splitter accessories
- Up to 50 drivers can be connected to **a single control module** in a single line daisy chain configuration
 - All drivers are hard wired into a single group, controlled by a single control module
- Signal boost circuitry provides signal integrity throughout the network
- Provides additional flexibility with the electrical connection architecture



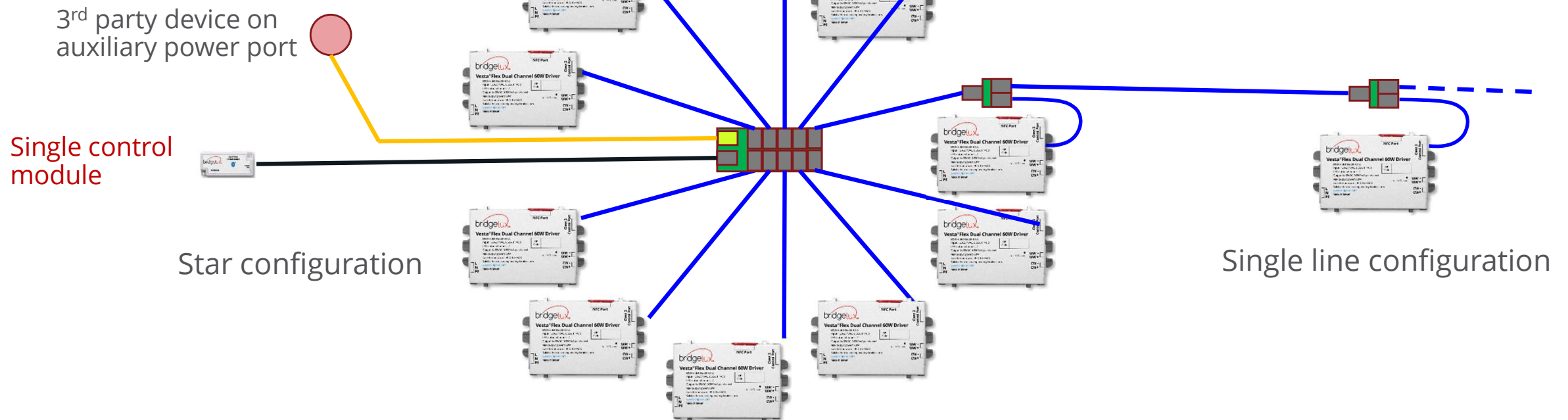
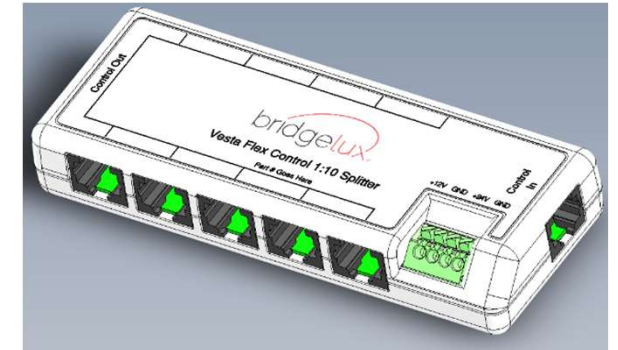
Single control
module



Single line configuration

Vesta Flex Splitter: 1:10 Splitter

- 1x RJ45 port for connection to the control module
- 10x RJ45 ports for connecting up to 10 drivers to **a single control module**
 - Each RJ45 port can be combined with additional 1:2 splitter devices
 - All drivers are hard wired into a single group, controlled by a single control module
- Signal boost circuitry provides signal integrity throughout the network
- 12VDC or 24VDC auxiliary port

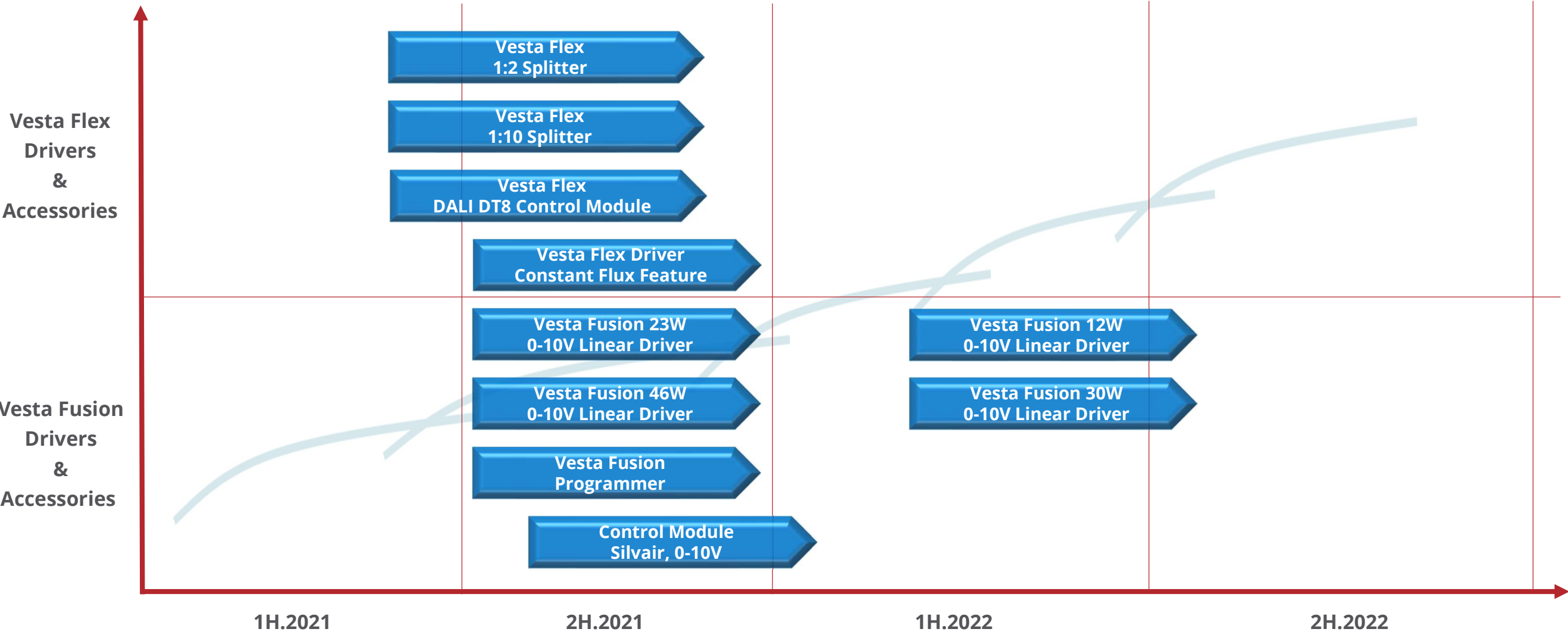


Vesta Fusion Products: Available Now and Coming Soon

- Dual Channel Driver with 2 channel 0-10V control for intensity dimming and CCT tuning
- Programming options
 - Dimming curves: Logarithmic, linear, square
 - Minimum dim levels: 1%, 5%, 10%, dim-to-off
 - Operating modes: Tunable White, Warm Dim, Dual Dimming
 - CCT tuning parameters: Constant Flux, Physical CCT, Logical CCT
- Auxiliary output 12V, 200mA max

Category	Products	Available	Images
Linear Drivers	Universal 120-277 VAC input 46W output: 1400mA, 19-50V 23W output: 700mA, 14-42V	Q4 2021 Samples	 280mm x 30mm x 21mm
Tools	Programming Tool	Q4 2021 Samples	
Control Modules	Silvair BLE 0-10V Module	Q4, 2021 Samples	
	WiSilica BLE 0-10V Module	Now	

Bridgelux Roadmap: Dual Channel Drivers



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Bridgelux Vision: The Next Evolution in Lighting

- Human Centric lighting (HCL) is a right, not a privilege
 - HCL lighting systems will be at price parity to single color solutions over time, enabling mainstream adoption and health and wellbeing benefit for all
- All lighting will be connected
 - Moving from commercial to residential and beyond the intersection of IoT and lighting will be broad
- End user delight
 - The intersection of high-quality lighting, human centric lighting and IoT-driven connected lighting will enhance life as we know it



Summary: The Bridgelux Advantage

- Bridgelux remains focused on delivering an expanded suite of lighting focused products
 - Thrive Human centric lighting products – the closest match to natural light available
 - F90 high efficacy CRI90 products – CRI80 equivalent lm/W for easy conversion of high color quality lighting
 - Energy efficient and cost competitive SMD products in industry standard form factors
 - Vesta - the industry's largest portfolio of dim-to-warm and tunable white solutions
 - Vesta Flex tunable white drivers and control modules
- The expanded portfolio of high quality, energy efficient options from Bridgelux streamlines the design process for lighting manufacturers



<https://www.bridgelux.com/todays-light/human-centric-lighting>



Bridging Light and Life™