



Bridgelux® H Series™ LED Array: Product Selection Guide PSG-080

Refer to relevant product data sheets for specific information on application and performance.

Product Data sheets available at Bridgelux.com or from Bridgelux Sales Representatives.

The tables below include the base BXRH part number which defines color (CCT), color rendering (CRI) and flux characteristics.

Product Nomenclature – BXRH H Series Part Numbers

Product Number: **B X R H – A B C D E F G – H – I J**

B X R H – designates product family

AB – designates nominal CCT color

27 - 2700 K

30 - 3000 K

35 - 3500 K

40 - 4000 K

C - Color Rendering (CRI)

E - CRI > 80

G - CRI > 90

H - CRI > 97

A - Class A

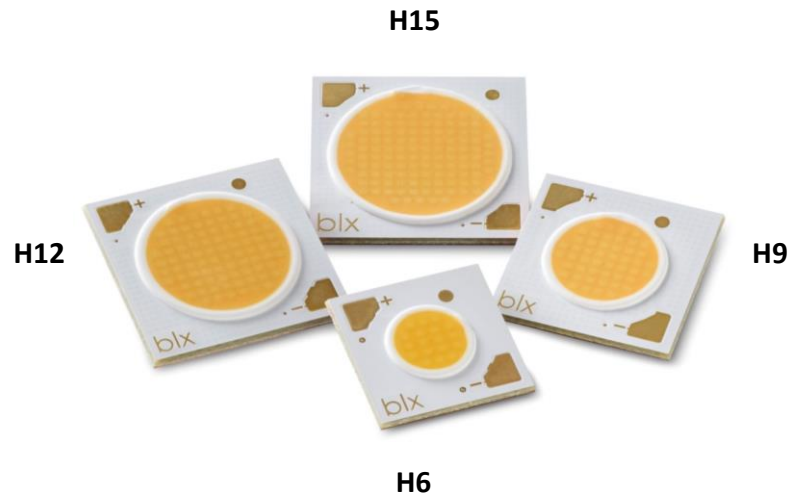
DEFG – designates nominal flux. (Example: 0400 for 400 lumen product)

H - Array Configuration

I J – designates color binning

23 - 3SDCM (3-step) available on Warm and Neutral White

H Series (BXRH) Form Factors



Form Factor	MOQ	Tube Count	LES Diameter	Dimensions	Total Z-Height	Substrate Z-Height
H6	700	35 units	6 mm	13.35 mm x 13.35 mm	1.7 mm	1.1 mm
H9	300	30 units	9 mm	15.85 mm x 15.85 mm	1.7 mm	1.1 mm
H12	100	25 units	12 mm	17.85 mm x 17.85 mm	1.7 mm	1.1 mm
H15	100	25 units	15 mm	19.00 mm x 19.00 mm	1.7 mm	1.1 mm

Notes:

1.) Thermal Resistance based on 3000K 80 CRI products.



Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
H6	BXRH-27E1000-C-23	2700K	80	350	0.5x	675	580	17.2	6.0	112	-	587	505	16.4	5.7	102	DS80
				500	0.7x	926	797	17.7	8.9	105	-	806	693	16.9	8.4	96	
				750	1x	1304	1121	18.3	13.7	95	0.60	1134	976	17.5	13.1	87	
				1050	1.4x	1707	1468	18.9	19.8	86	0.63	1485	1277	18.1	19.0	78	
H6	BXRH-27G1000-C-23	2700K	90	350	0.5x	561	483	17.2	6.0	93	-	488	420	16.4	5.7	85	DS80
				500	0.7x	770	662	17.7	8.9	87	-	670	576	16.9	8.4	79	
				750	1x	1084	932	18.3	13.7	79	0.60	943	811	17.5	13.1	72	
				1050	1.4x	1419	1221	18.9	19.8	72	0.63	1235	1062	18.1	19.0	65	
H6	BXRH-27H1000-C-23	2700K	97	350	0.5x	540	464	17.2	6.0	90	-	470	404	16.4	5.7	82	DS80
				500	0.7x	741	637	17.7	8.9	84	-	645	554	16.9	8.4	76	
				750	1x	1043	897	18.3	13.7	76	0.60	907	780	17.5	13.1	69	
				1050	1.4x	1365	1174	18.9	19.8	69	0.63	1188	1022	18.1	19.0	63	
H6	BXRH-30E1000-C-23	3000K	80	350	0.5x	710	611	17.2	6.0	118	-	618	532	16.4	5.7	108	DS80
				500	0.7x	975	839	17.7	8.9	110	-	848	730	16.9	8.4	101	
				750	1x	1373	1180	18.3	13.7	100	0.60	1194	1027	17.5	13.1	91	
				1050	1.4x	1797	1545	18.9	19.8	91	0.63	1563	1344	18.1	19.0	82	
H6	BXRH-30G1000-C-23	3000K	90	350	0.5x	597	513	17.2	6.0	99	-	519	447	16.4	5.7	91	DS80
				500	0.7x	819	704	17.7	8.9	93	-	713	613	16.9	8.4	84	
				750	1x	1153	991	18.3	13.7	84	0.60	1003	863	17.5	13.1	77	
				1050	1.4x	1509	1298	18.9	19.8	76	0.63	1313	1129	18.1	19.0	69	
H6	BXRH-30H1000-C-23	3000K	97	350	0.5x	561	483	17.2	6.0	93	-	488	420	16.4	5.7	85	DS80
				500	0.7x	770	662	17.7	8.9	87	-	670	576	16.9	8.4	79	
				750	1x	1084	932	18.3	13.7	79	0.60	943	811	17.5	13.1	72	
				1050	1.4x	1419	1221	18.9	19.8	72	0.63	1235	1062	18.1	19.0	65	
H6	BXRH-35A1001-C-23	3500K	93	350	0.5x	597	513	17.2	6.0	99	-	519	447	16.4	5.7	91	DS80
				500	0.7x	819	704	17.7	8.9	93	-	713	613	16.9	8.4	84	
				750	1x	1153	991	18.3	13.7	84	0.60	1003	863	17.5	13.1	77	
				1050	1.4x	1509	1298	18.9	19.8	76	0.63	1313	1129	18.1	19.0	69	
H6	BXRH-35G1000-C-23	3500K	90	350	0.5x	611	525	17.2	6.0	101	-	532	457	16.4	5.7	93	DS80
				500	0.7x	839	721	17.7	8.9	95	-	730	627	16.9	8.4	86	
				750	1x	1180	1015	18.3	13.7	86	0.60	1027	883	17.5	13.1	78	
				1050	1.4x	1545	1329	18.9	19.8	78	0.63	1344	1156	18.1	19.0	71	
H6	BXRH-40E1000-C-23	4000K	80	350	0.5x	753	648	17.2	6.0	125	-	655	563	16.4	5.7	114	DS80
				500	0.7x	1034	889	17.7	8.9	117	-	899	773	16.9	8.4	107	
				750	1x	1455	1251	18.3	13.7	106	0.60	1266	1089	17.5	13.1	97	
				1050	1.4x	1904	1638	18.9	19.8	96	0.63	1657	1425	18.1	19.0	87	
H6	BXRH-40G1000-C-23	4000K	90	350	0.5x	625	538	17.2	6.0	104	-	544	468	16.4	5.7	95	DS80
				500	0.7x	858	738	17.7	8.9	97	-	747	642	16.9	8.4	88	
				750	1x	1208	1039	18.3	13.7	88	0.60	1051	904	17.5	13.1	80	
				1050	1.4x	1581	1360	18.9	19.8	80	0.63	1375	1185	18.1	19.0	72	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	Vf T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	Vf T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
H9	BXRH-27E3000-D-23	2700K	80	500	0.5x	1920	1651	34.6	17.3	111	-	1671	1437	33.8	16.9	99	DS81
				700	0.7x	2582	2221	35.5	24.9	104	-	2247	1932	34.7	24.3	93	
				1000	1x	3477	2990	36.6	36.6	95	0.22	3025	2602	35.1	35.1	86	
				1200	1.2x	4030	3466	37.2	44.7	90	-	3506	3015	36.4	43.6	80	
				1400	1.4x	4526	3892	37.6	52.7	86	0.23	3938	3387	36.8	51.5	76	
H9	BXRH-27G3000-D-23	2700K	90	500	0.5x	1597	1373	34.6	17.3	92	-	1389	1195	33.8	16.9	82	DS81
				700	0.7x	2147	1846	35.5	24.9	86	-	1868	1606	34.7	24.3	77	
				1000	1x	2891	2486	36.6	36.6	79	0.22	2516	2164	35.1	35.1	72	
				1200	1.2x	3351	2882	37.2	44.7	75	-	2916	2508	36.4	43.6	67	
				1400	1.4x	3764	3237	37.6	52.7	71	0.23	3275	2817	36.8	51.5	64	
H9	BXRH-27H3000-D-23	2700K	97	500	0.5x	1536	1321	34.6	17.3	89	-	1336	1149	33.8	16.9	79	DS81
				700	0.7x	2066	1777	35.5	24.9	83	-	1797	1545	34.7	24.3	74	
				1000	1x	2782	2393	36.6	36.6	76	0.22	2420	2081	35.1	35.1	69	
				1200	1.2x	3224	2773	37.2	44.7	72	-	2805	2412	36.4	43.6	64	
				1400	1.4x	3621	3114	37.6	52.7	69	0.23	3150	2709	36.8	51.5	61	
H9	BXRH-30E3000-D-23	3000K	80	500	0.5x	2021	1738	34.6	17.3	117	-	1758	1512	33.8	16.9	104	DS81
				700	0.7x	2718	2337	35.5	24.9	109	-	2365	2034	34.7	24.3	97	
				1000	1x	3660	3148	36.6	36.6	100	0.22	3184	2738	35.1	35.1	91	
				1200	1.2x	4242	3648	37.2	44.7	95	-	3691	3174	36.4	43.6	85	
				1400	1.4x	4764	4097	37.6	52.7	90	0.23	4145	3565	36.8	51.5	81	
H9	BXRH-30G3000-D-23	3000K	90	500	0.5x	1698	1460	34.6	17.3	98	-	1477	1270	33.8	16.9	87	DS81
				700	0.7x	2283	1963	35.5	24.9	92	-	1987	1709	34.7	24.3	82	
				1000	1x	3074	2644	36.6	36.6	84	0.22	2675	2301	35.1	35.1	76	
				1200	1.2x	3564	3065	37.2	44.7	80	-	3100	2666	36.4	43.6	71	
				1400	1.4x	4002	3442	37.6	52.7	76	0.23	3482	2995	36.8	51.5	68	
H9	BXRH-30H3000-D-23	3000K	97	500	0.5x	1597	1373	34.6	17.3	92	-	1389	1195	33.8	16.9	82	DS81
				700	0.7x	2147	1846	35.5	24.9	86	-	1868	1606	34.7	24.3	77	
				1000	1x	2891	2486	36.6	36.6	79	0.22	2516	2164	35.1	35.1	72	
				1200	1.2x	3351	2882	37.2	44.7	75	-	2916	2508	36.4	43.6	67	
				1400	1.4x	3764	3237	37.6	52.7	71	0.23	3275	2817	36.8	51.5	64	
H9	BXRH-35A3001-D-23	3500K	93	500	0.5x	1698	1460	34.6	17.3	98	-	1477	1270	33.8	16.9	87	DS81
				700	0.7x	2283	1963	35.5	24.9	92	-	1987	1709	34.7	24.3	82	
				1000	1x	3074	2644	36.6	36.6	84	0.22	2675	2301	35.1	35.1	76	
				1200	1.2x	3564	3065	37.2	44.7	80	-	3100	2666	36.4	43.6	71	
				1400	1.4x	4002	3442	37.6	52.7	76	0.23	3482	2995	36.8	51.5	68	
H9	BXRH-35G3000-D-23	3500K	90	500	0.5x	1738	1495	34.6	17.3	100	-	1512	1300	33.8	16.9	90	DS81
				700	0.7x	2338	2011	35.5	24.9	94	-	2034	1749	34.7	24.3	84	
				1000	1x	3148	2707	36.6	36.6	86	0.22	2738	2355	35.1	35.1	78	
				1200	1.2x	3648	3137	37.2	44.7	82	-	3174	2730	36.4	43.6	73	
				1400	1.4x	4097	3523	37.6	52.7	78	0.23	3565	3066	36.8	51.5	69	
H9	BXRH-40E3000-D-23	4000K	80	500	0.5x	2143	1843	34.6	17.3	124	-	1864	1603	33.8	16.9	110	DS81
				700	0.7x	2881	2478	35.5	24.9	116	-	2507	2156	34.7	24.3	103	
				1000	1x	3880	3337	36.6	36.6	106	0.22	3375	2903	35.1	35.1	96	
				1200	1.2x	4497	3867	37.2	44.7	101	-	3912	3364	36.4	43.6	90	
				1400	1.4x	5050	4343	37.6	52.7	96	0.23	4394	3779	36.8	51.5	85	
H9	BXRH-40G3000-D-23	4000K	90	500	0.5x	1779	1530	34.6	17.3	103	-	1547	1330	33.8	16.9	92	DS81
				700	0.7x	2392	2057	35.5	24.9	96	-	2081	1790	34.7	24.3	86	
				1000	1x	3221	2770	36.6	36.6	88	0.22	2802	2410	35.1	35.1	80	
				1200	1.2x	3733	3210	37.2	44.7	84	-	3248	2793	36.4	43.6	74	
				1400	1.4x	4193	3606	37.6	52.7	80	0.23	3648	3137	36.8	51.5	71	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 25°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
H12	BXRH-27E6000-G-23	2700K	80	500	0.3x	2002	1722	33.2	16.6	121	-	1742	1498	31.6	15.8	110	DS82
				1000	0.6x	3758	3232	34.8	34.8	108	-	3269	2812	33.1	33.1	99	
				1450	0.8x	5206	4477	35.9	52.1	100	-	4529	3895	34.3	49.7	91	
				1750	1x	6085	5233	36.6	64.0	95	0.13	5294	4553	34.9	61.1	87	
				2200	1.3x	7339	6312	37.4	82.3	89	0.13	6385	5491	35.8	78.7	81	
				2450	1.4x	7973	6856	37.9	92.7	86	-	6936	5965	36.2	88.7	78	
H12	BXRH-27G6000-G-23	2700K	90	500	0.3x	1665	1432	33.2	16.6	100	-	1448	1246	31.6	15.8	92	DS82
				1000	0.6x	3125	2687	34.8	34.8	90	-	2719	2338	33.1	33.1	82	
				1450	0.8x	4329	3723	35.9	52.1	83	-	3766	3239	34.3	49.7	76	
				1750	1x	5060	4352	36.6	64.0	79	0.13	4402	3786	34.9	61.1	72	
				2200	1.3x	6103	5249	37.4	82.3	74	0.13	5310	4566	35.8	78.7	67	
				2450	1.4x	6630	5702	37.9	92.7	71	-	5768	4960	36.2	88.7	65	
H12	BXRH-27H6000-G-23	2700K	97	500	0.3x	1602	1377	33.2	16.6	96	-	1393	1198	31.6	15.8	88	DS82
				1000	0.6x	3006	2585	34.8	34.8	86	-	2615	2249	33.1	33.1	79	
				1450	0.8x	4164	3581	35.9	52.1	80	-	3623	3116	34.3	49.7	73	
				1750	1x	4868	4186	36.6	64.0	76	0.13	4235	3642	34.9	61.1	69	
				2200	1.3x	5871	5049	37.4	82.3	71	0.13	5108	4393	35.8	78.7	65	
				2450	1.4x	6378	5485	37.9	92.7	69	-	5549	4772	36.2	88.7	63	
H12	BXRH-30E6000-G-23	3000K	80	500	0.3x	2107	1812	33.2	16.6	127	-	1831	1575	31.6	15.8	116	DS82
				1000	0.6x	3956	3402	34.8	34.8	114	-	3437	2956	33.1	33.1	104	
				1450	0.8x	5480	4712	35.9	52.1	105	-	4761	4094	34.3	49.7	96	
				1750	1x	6405	5508	36.6	64.0	100	0.13	5565	4786	34.9	61.1	91	
				2200	1.3x	7725	6644	37.4	82.3	94	0.13	6712	5772	35.8	78.7	85	
				2450	1.4x	8392	7217	37.9	92.7	90	-	7291	6270	36.2	88.7	82	
H12	BXRH-30G6000-G-23	3000K	90	500	0.3x	1770	1522	33.2	16.6	107	-	1540	1324	31.6	15.8	98	DS82
				1000	0.6x	3323	2858	34.8	34.8	95	-	2891	2486	33.1	33.1	87	
				1450	0.8x	4603	3958	35.9	52.1	88	-	4004	3444	34.3	49.7	81	
				1750	1x	5380	4627	36.6	64.0	84	0.13	4681	4025	34.9	61.1	77	
				2200	1.3x	6489	5581	37.4	82.3	79	0.13	5646	4855	35.8	78.7	72	
				2450	1.4x	7049	6063	37.9	92.7	76	-	6133	5274	36.2	88.7	69	
H12	BXRH-30H6000-G-23	3000K	97	500	0.3x	1665	1432	33.2	16.6	100	-	1448	1246	31.6	15.8	92	DS82
				1000	0.6x	3125	2687	34.8	34.8	90	-	2719	2338	33.1	33.1	82	
				1450	0.8x	4329	3723	35.9	52.1	83	-	3766	3239	34.3	49.7	76	
				1750	1x	5060	4352	36.6	64.0	79	0.13	4402	3786	34.9	61.1	72	
				2200	1.3x	6103	5249	37.4	82.3	74	0.13	5310	4566	35.8	78.7	67	
				2450	1.4x	6630	5702	37.9	92.7	71	-	5768	4960	36.2	88.7	65	
H12	BXRH-35A6001-D-23	3500K	93	500	0.3x	1770	1522	33.2	16.6	107	-	1531	1317	31.6	15.8	97	DS82
				1000	0.6x	3323	2858	34.8	34.8	95	-	2875	2472	33.1	33.1	87	
				1450	0.8x	4603	3958	35.9	52.1	88	-	3982	3424	34.3	49.7	80	
				1750	1x	5380	4627	36.6	64.0	84	0.13	4654	4003	34.9	61.1	76	
				2200	1.3x	6489	5581	37.4	82.3	79	0.13	5614	4828	35.8	78.7	71	
				2450	1.4x	7049	6063	37.9	92.7	76	-	6099	5245	36.2	88.7	69	
H12	BXRH-35G6000-G-23	3500K	90	500	0.3x	1812	1559	33.2	16.6	109	-	1577	1356	31.6	15.8	100	DS82
				1000	0.6x	3402	2926	34.8	34.8	98	-	2960	2545	33.1	33.1	89	
				1450	0.8x	4712	4053	35.9	52.1	90	-	4100	3526	34.3	49.7	82	
				1750	1x	5508	4737	36.6	64.0	86	0.13	4792	4121	34.9	61.1	78	
				2200	1.3x	6644	5714	37.4	82.3	81	0.13	5780	4971	35.8	78.7	73	
				2450	1.4x	7217	6207	37.9	92.7	78	-	6279	5400	36.2	88.7	71	
H12	BXRH-40E6000-G-23	4000K	80	500	0.3x	2234	1921	33.2	16.6	135	-	1943	1671	31.6	15.8	123	DS82
				1000	0.6x	4193	3606	34.8	34.8	121	-	3648	3137	33.1	33.1	110	
				1450	0.8x	5808	4995	35.9	52.1	111	-	5053	4346	34.3	49.7	102	
				1750	1x	6789	5839	36.6	64.0	106	0.13	5907	5080	34.9	61.1	97	
				2200	1.3x	8189	7042	37.4	82.3	99	0.13	7124	6127	35.8	78.7	91	
				2450	1.4x	8896	7650	37.9	92.7	96	-	7739	6656	36.2	88.7	87	
H12	BXRH-40G6000-G-23	4000K	90	500	0.3x	1854	1595	33.2	16.6	112	-	1613	1387	31.6	15.8	102	DS82
				1000	0.6x	3481	2994	34.8	34.8	100	-	3028	2604	33.1	33.1	91	
				1450	0.8x	4822	4147	35.9	52.1	93	-	4195	3608	34.3	49.7	84	
				1750	1x	5636	4847	36.6	64.0	88	0.13	4904	4217	34.9	61.1	80	
				2200	1.3x	6798	5847	37.4	82.3	83	0.13	5915	5086	35.8	78.7	75	
				2450	1.4x	7385	6351	37.9	92.7	80	-	6425	5526	36.2	88.7	72	

Form Factor	Part Number	CCT (Nominal)	CRI (min)	Current (mA)	Rated Current	Typical Pulsed Flux T _c 25°C (lm)	Minimum Pulsed Flux T _c 25°C (lm)	V _f T _c 25°C (V)	Power T _c 25°C (W)	Typical Efficacy T _c 85°C (lm/W)	Thermal Resistance Junction to Case ¹ (C/W)	Typical DC Flux T _c 85°C (lm)	Minimum DC Flux T _c 85°C (lm)	V _f T _c 85°C (V)	Power T _c 85°C (W)	Typical Efficacy T _c 85°C (lm/W)	Data Sheet
H15	BXRH-27E8000-J-23	2700K	80	500	0.2x	2104	1810	32.8	16.4	128	-	1831	1574	31.3	15.7	117	DS83
				1050	0.4x	4065	3496	34.1	35.8	114	-	3537	3041	32.6	34.3	103	
				1400	0.6x	5254	4518	34.8	48.7	108	-	4571	3931	33.3	46.7	98	
				2100	0.8x	7494	6445	36.0	75.6	99	-	6520	5607	34.5	72.5	90	
				2500	1x	8693	7476	36.6	91.4	95	0.10	7562	6504	35.1	87.7	86	
				3150	1.3x	10512	9040	37.4	117.8	89	0.10	9145	7865	35.9	113.1	81	
				3500	1.4x	11426	9826	37.8	132.2	86	-	9940	8549	36.3	127.1	78	
H15	BXRH-27G8000-J-23	2700K	90	500	0.2x	1750	1505	32.8	16.4	107	-	1522	1309	31.3	15.7	97	DS83
				1050	0.4x	3380	2907	34.1	35.8	94	-	2941	2529	32.6	34.3	86	
				1400	0.6x	4369	3757	34.8	48.7	90	-	3801	3269	33.3	46.7	81	
				2100	0.8x	6232	5360	36.0	75.6	82	-	5422	4663	34.5	72.5	75	
				2500	1x	7229	6217	36.6	91.4	79	0.10	6289	5408	35.1	87.7	72	
				3150	1.3x	8741	7518	37.4	117.8	74	0.10	7605	6540	35.9	113.1	67	
				3500	1.4x	9501	8171	37.8	132.2	72	-	8266	7109	36.3	127.1	65	
H15	BXRH-27H8000-J-23	2700K	97	500	0.2x	1683	1448	32.8	16.4	103	-	1464	1259	31.3	15.7	93	DS83
				1050	0.4x	3252	2797	34.1	35.8	91	-	2829	2433	32.6	34.3	83	
				1400	0.6x	4203	3615	34.8	48.7	86	-	3657	3145	33.3	46.7	78	
				2100	0.8x	5996	5156	36.0	75.6	79	-	5216	4486	34.5	72.5	72	
				2500	1x	6954	5980	36.6	91.4	76	0.10	6050	5203	35.1	87.7	69	
				3150	1.3x	8409	7232	37.4	117.8	71	0.10	7316	6292	35.9	113.1	65	
				3500	1.4x	9141	7861	37.8	132.2	69	-	7952	6839	36.3	127.1	63	
H15	BXRH-30E8000-J-23	3000K	80	500	0.2x	2215	1905	32.8	16.4	135	-	1927	1657	31.3	15.7	123	DS83
				1050	0.4x	4279	3680	34.1	35.8	120	-	3723	3202	32.6	34.3	109	
				1400	0.6x	5530	4756	34.8	48.7	114	-	4812	4138	33.3	46.7	103	
				2100	0.8x	7889	6784	36.0	75.6	104	-	6863	5902	34.5	72.5	95	
				2500	1x	9150	7869	36.6	91.4	100	0.10	7961	6846	35.1	87.7	91	
				3150	1.3x	11065	9516	37.4	117.8	94	0.10	9626	8279	35.9	113.1	85	
				3500	1.4x	12027	10343	37.8	132.2	91	-	10464	8999	36.3	127.1	82	
H15	BXRH-30G8000-J-23	3000K	90	500	0.2x	1860	1600	32.8	16.4	113	-	1619	1392	31.3	15.7	103	DS83
				1050	0.4x	3594	3091	34.1	35.8	100	-	3127	2689	32.6	34.3	91	
				1400	0.6x	4646	3995	34.8	48.7	95	-	4042	3476	33.3	46.7	87	
				2100	0.8x	6627	5699	36.0	75.6	88	-	5765	4958	34.5	72.5	80	
				2500	1x	7686	6610	36.6	91.4	84	0.10	6687	5751	35.1	87.7	76	
				3150	1.3x	9295	7993	37.4	117.8	79	0.10	8086	6954	35.9	113.1	71	
				3500	1.4x	10103	8688	37.8	132.2	76	-	8789	7559	36.3	127.1	69	
H15	BXRH-30H8000-J-23	3000K	97	500	0.2x	1750	1505	32.8	16.4	107	-	1522	1309	31.3	15.7	97	DS83
				1050	0.4x	3380	2907	34.1	35.8	94	-	2941	2529	32.6	34.3	86	
				1400	0.6x	4369	3757	34.8	48.7	90	-	3801	3269	33.3	46.7	81	
				2100	0.8x	6232	5360	36.0	75.6	82	-	5422	4663	34.5	72.5	75	
				2500	1x	7229	6217	36.6	91.4	79	0.10	6289	5408	35.1	87.7	72	
				3150	1.3x	8741	7518	37.4	117.8	74	0.10	7605	6540	35.9	113.1	67	
				3500	1.4x	9501	8171	37.8	132.2	72	-	8266	7109	36.3	127.1	65	
H15	BXRH-35A8001-J-23	3500K	93	500	0.2x	1860	1600	32.8	16.4	113	-	1619	1392	31.3	15.7	103	DS83
				1050	0.4x	3594	3091	34.1	35.8	100	-	3127	2689	32.6	34.3	91	
				1400	0.6x	4646	3995	34.8	48.7	95	-	4042	3476	33.3	46.7	87	
				2100	0.8x	6627	5699	36.0	75.6	88	-	5765	4958	34.5	72.5	80	
				2500	1x	7686	6610	36.6	91.4	84	0.10	6687	5751	35.1	87.7	76	
				3150	1.3x	9295	7993	37.4	117.8	79	0.10	8086	6954	35.9	113.1	71	
				3500	1.4x	10103	8688	37.8	132.2	76	-	8789	7559	36.3	127.1	69	
H15	BXRH-35G8000-J-23	3500K	90	500	0.2x	1905	1638	32.8	16.4	116	-	1657	1425	31.3	15.7	106	DS83
				1050	0.4x	3680	3165	34.1	35.8	103	-	3202	2753	32.6	34.3	93	
				1400	0.6x	4756	4090	34.8	48.7	98	-	4138	3559	33.3	46.7	89	
				2100	0.8x	6784	5835	36.0	75.6	90	-	5902	5076	34.5	72.5	81	
				2500	1x	7869	6767	36.6	91.4	86	0.10	6846	5888	35.1	87.7	78	
				3150	1.3x	9516	8184	37.4	117.8	81	0.10	8279	7120	35.9	113.1	73	
				3500	1.4x	10343	8895	37.8	132.2	78	-	8999	7739	36.3	127.1	71	
H15	BXRH-40E8000-J-23	4000K	80	500	0.2x	2348	2019	32.8	16.4	143	-	2043	1757	31.3	15.7	130	DS83
				1050	0.4x	4536	3901	34.1	35.8	127	-	3946	3394	32.6	34.3	115	
				1400	0.6x	5862	5042	34.8	48.7	120	-	5100	4386	33.3	46.7	109	
				2100	0.8x	8362	7192	36.0	75.6	111	-	7275	6257	34.5	72.5	100	
				2500	1x	9699	8341	36.6	91.4	106	0.10	8438	7257	35.1	87.7	96	
				3150	1.3x	11729	10087	37.4	117.8	100	0.10	10204	8776	35.9	113.1	90	
				3500	1.4x	12749	10964	37.8	132.2	96	-	11091	9539	36.3	127.1	87	
H15	BXRH-40G8000-J-23	4000K	90	500	0.2x	1949	1676	32.8	16.4	119	-	1696	1458	31.3	15.7	108	DS83
				1050	0.4x	3765	3238	34.1	35.8	105	-	3276	2817	32.6	34.3	96	
				1400	0.6x	4867	4185	34.8	48.7	100	-	4234	3641	33.3	46.7	91	
				2100	0.8x	6942	5970	36.0	75.6	92	-	6040	5194	34.5	72.5	83	
				2500	1x	8052	6925	36.6	91.4	88	0.10	7005	6025	35.1	87.7	80	
				3150	1.3x	9737	8374	37.4	117.8	83	0.10	8471	7285	35.9	113.1	75	
				3500	1.4x	10584	9102	37.8	132.2	80	-	9208	7919	36.3	127.1	72	