Neon
Электронные компоненты

2021

LED MODULES

Светодиодные модули

CONTENT & SUMMARY

Стр., №	Название линейки	Диапазон напряжений, V			Ток на линейке, mA		Типовая мощн., W	Типовой световой поток, lm±5% (CCT 5000K, Tj=50°C)	Размер, mm	Материал
		мин.	среднее	макс.	типовой	макс.				
	Office Lighting / Офисное освещение									
4	NEO-L-6XPL-362	16	18	21	700	1500	11,6	1870	362x15	
4	NEO-L-8XPL	22	24	28	700	1500	15,5	2500	490x15	
5	NEO-L-8L3030	22	24	26,5	300	400	7,3	1110	490x14	
5	NEO-L-12S5630G3	16	18	20	300	400	5,6	800	495x13	
5	NEO-L-14LS2835	19	21	23	300	400	6,1	920	490x13	
6	NEO-L-16L3020-280	22	24	26,5	300	400	7,4	1055	280x12	AL
6	NEO-L-16LS2835	22	24	26,5	300	400	7	1055	463x13	
6	NEO-L-16LS2835-280	22	24	26,5	300	400	7	1055	280x12	
7	NEO-L-18LS2835	25	27	30	300	400	7,9	1200	515x12,8	
7	NEO-L-18LS2835-280	25	27	30	300	400	7,9	1200	280x13	
7	NEO-L-18LS2835-490x14	16,5	18	20	300	400	5,1	830	490x14	FR4
8	NEO-L-22LS2835-383	30	33	37	300	400	9,6	4710	383x13	
8	NEO-L-18S5630G3	17	18	20	350	500	5,9	1075	490x14	AL
8	NEO-L-21S5630G3	19	21	23	350	500	6	1255	490x14	
9	NEO-L-30LS2835_281x24	25	30	35	700	1050	10	1585	281x24	
9	NEO-L-36LS2835_559x16	33	36	40	300	400	10,2	1685	559x16	FR4
10	NEO-L-6x6LS2835	16,5	18	21	700	1050	12	1980	504x13	AL
10	NEO-L-36LS2835-504x13	16,5	18	20	400	700	6,7	1030	504x13	FR4
10	NEO-L-48S5630G3-448	33	36	39,5	400	700	13,4	2355	448x12,5	
11	NEO-L-48LS2835-448	33	36	39,5	400	700	13,4	1800	448x12,5	
11	NEO-L-49LS2835	19	21	23	400	1050	7,7	1380	515x12	AL
11	NEO-L-45LS2835	25	27	30	400	700	10	1725	490x9	
12	NEO-L-96LS2835-448	64,5	72	79,5	350	700	234	3785	448x12,5	
12	NEO-M-56LS2835	22	24	27	700	1050	15,8	2620	245,8x250,7	FR4
13	NEO-M-64LS2835	22	24	27	700	1050	15,8	2675	245,8x250,7	

Стр., №	Название линейки	Диапазон напряжений, V			Ток на линейке, mA		Типовая мощн., W	Типовой PPF, Umol/s	Размер, mm	Материал
		мин.	среднее	макс.	типовой	макс.				
	Horticultural Lighting/Свет для растений									
14	NEO-L-8XPL-490-Fito :									
	NEO-L-8XPL-490-Mix-Seed	16,5	18	22	350	350	6,6	16,1	490x15	
	NEO-L-8XPL-490-Mix-Leaf	16,5	18	22	350	350	6	14,6	490x15	
	NEO-L-8XPL-490-Mix-Grow	16,5	18	22	350	350	6	14,3	490x15	
14	NEO-L-12XL-1S2x6-Fito:									
	NEO-L-12XL-1S2x6-Mix-H-Seed	23	27	33	350	700	9,8	24,2	145x43	
	NEO-L-12XL-1S2x6-Mix-H-Leaf	23	27	33	350	700	9,3	22,3	145x43	
	NEO-L-12XL-1S2x6-Mix-H-Grow	23	27	33	350	700	8,8	21,8	145x43	
15	NEO-L-12XL-V12-Fito:									
	NEO-L-12XL-V12-Mix-Seed	23	27	33	350	350	9,8	24,23	310x16	
	NEO-L-12XL-V12-Mix-Leaf	23	27	33	350	350	9,8	22,38	310x16	
	NEO-L-12XL-V12-Mix-Grow	23	27	33	350	350	8,8	21,81	310x16	
15	NEO-L-18LS2835-Fito:									
	NEO-L-18LS2835-L1SP-PNK1002800000	24	27	29	300	400	7,9	16,4	515x12,8	AL
	NEO-L-18LS2835-MIX-L1SP-SEED	24	27	29	300	400	7,7	16,6	515x12,8	
15	NEO-L-18LS2835-280-Fito:									
	NEO-L-18LS2835-280-MIX-L1SP-SEED	24	27	29	300	400	7,9	16,4	280x13	
	NEO-L-18LS2835-280-L1SP-PNK1002800000	24	27	29	300	400	7,7	16,6	280x13	
16	NEO-L-37LED-MIX:									
	NEO-L-37LED-MIX-H-Seed	30	35	38	350	700	12,6	34,2	280x24	
	NEO-L-37LED-MIX-H-LEAF	30	35	38	350	700	12,3	33,6	280x24	
	NEO-L-37LED-MIX-H-Grow	30	35	38	350	700	11,8	32,3	280x24	
16	NEO-L-48LS2835-448-Fito:									
	NEO-L-48LS2835-448-MIX-L1SP-Seed	33	36	40	350	700	11,7	25,8	448x12,5	
	NEO-L-48LS2835-448-L1SP-PNK1002800000	33	36	40	350	700	11,6	26,2	448x12,5	
16	NEO-L-49LS2835-Fito:									
	NEO-L-49LS2835-MIX-L1SP-Seed	18,2	21	23	700	1050	13,7	29,6	515x10,5	
	NEO-L-49LS2835-L1SP-PNK1002800000	18,2	21	23	700	1050	13,6	30,1	515x10,5	

Стр., №	Название линейки	Диапазон напряжений, V			Ток на линейке, mA		Типовая мощн., W	Типовой PPF, Umol/s	Размер, mm	Материал
		мин.	среднее	макс.	типовой	макс.				
Street and Industrial light / Уличное и промышленное освещение										
17	NEO-Q-4XHP50	41,5	46	50,5	700	1050	31,4	4800	73x73	
18	NEO-Q-4L5050-69x69 -6V	23	24	26	700	800	16,9	2670	69x69	
19	NEO-Q-4L5050-50x60 -6V	11,5	12	13,5	700	1400	7,8	1455	50x60	
20	NEO-Q-4L5050-38,5x38,5	11,5	12	12	700	1400	7,8	1455	38,5x38,5	
21	NEO-Q-6XTE-50x60	16	18	20	700	1500	11,6	1870	50x60	
22	NEO-L-8XL-2T1x4 -3V	20	22	28	700	2000	15,5	2400	115x51	
23	NEO-L-12XL-V12	32	36	40	700	1050	23,3	3745	310x16	
24	NEO-Q-12L3030	21	24	27	350	700	8,2	1255	60x50	
25	NEO-L-12XL-1S2x6	32	36	40	700	1500	23,3	3745	145x43	
26	NEO-L-12MHB-1S2x6 -36V	138	144	152	350	450	47,9	6925	145x43	
27	NEO-L-12L5050-1S2x6 -24V	138	144	160	350	450	50,7	7550	145x43	
28	NEO-L-12L5050S-1S2x6	69	72	79	700	800	50,2	8005	145x43	
29	NEO-L-12XL-3S2x2	32	36	40	700	1500	23,3	3745	166x50	
30	NEO-L-16XP-85x41	43	48	53	350	1050	14,8	2720	85x41	
31	NEO-Q-16XTL	43	48	53	350	1500	14,8	2720	161x67,5	
32	NEO-L-16XT	43	48	53	350	1500	14,8	2720	231x49	
33	NEO-L-18XTL	48	54	60	350	1500	16,7	3060	195,8x65,8	
34	NEO-L-18L5050 -6V	34	36	40	1050	1750	35,2	6565	146x46	
35	NEO-Q-24L5050-99x99 -6V	67	72	79	1050	1400	73,6	12150	99x99	
36	NEO-L-24L3030 -6V	42	48	54	350	700	16,3	2670	100x60	
37	NEO-L-24L3030D -6V	42	48	54	350	700	16,3	2670	100x60	
38	NEO-Q-24LS3030-60x50 -6V	34	36	40	350	700	11,9	2080	60x50	
39	NEO-L-24XPL	68	72	85	350	1050	24,4	4080	117x97	
40	NEO-L-28XTL	77	84	93	350	1050	26	4760	155,8x95,8	
41	NEO-Q-28S5050-76x76	79	85	92	700	1400	55,1	9845	76x76	
42	NEO-L-30LS2835-146x46-6V	28	30	33	700	1050	20,5	3020	146x46	
43	NEO-L-33LS2835-F	29,5	33	35,5	350	700	11,8	1790	280x55	
44	NEO-L-33LS2835-277x41	29,5	33	35,5	350	700	10,9	1675	277x41	
45	NEO-L-33S5630G3-F	29,5	33	35,5	350	500	11,1	1980	280x55	
46	NEO-L-36LS2835-146x46	33	36	39	700	1400	25,2	3410	146x46	
47	NEO-L-36L5050	100	108	118	700	1400	70,5	13150	238,4x105,4	
48	NEO-L-40L3030 -6V	44	48	52	700	1050	33,2	5180	239,4x47	
49	NEO-L-44LS2835	30	33	36	350	700	10,7	1710	280x56,4	
50	NEO-L-48L3030 -6V	68	71	77	350	700	23,9	4165	184,5x50,5	
51	NEO-L-48LS2835-220x49	32	36	40	350	700	12	2080	220x49	
52	NEO-L-64LS2835-6V	43	48	53	700	1200	31,8	5045	244x48,5	
53	NEO-L-2x33LS2835-F	29,5	33	35,5	350	700	21,7	3350	280x55	
54	NEO-L-84L3030	81	84	92	700	1050	57,1	8815	244x48,5	
55	NEO-L-72L3030 -6V	52	54	59	700	1050	35,8	6250	223,4x47	
56	NEO-L-72LS2835 -6V	52	54	59	700	1050	35,8	5675	223,4x47	
Public utility and emergency lighting /ЖКХ и Резервное освещение										
57	NEO-C-24LS2835-AC		220AC				8,8	1045	Ø60	
57	NEO-Q-38S2835-AC		220AC				9,8	100	70x70	
58	NEO-Q-38S2835-AC-16W		220AC				19,3	1970	90x90	
58	NEO-L-2x5L3030 -6V	28	30	33	300	400	9,1	1455	87x30	
59	NEO-L-2x3S2835 -6V	16	18	22	300	400	5,5	775	87x30	
60	NEO-L-2x5LS2835 -6V	28	30	33	300	400	9,1	1295	87x30	
61	NEO-L-2x5XPMX	28	30	33	350	1050	9,3	1700	87x30	
61	NEO-L-2x3XPMX	16	18	21	350	1050	5,6	1020	87x30	
62	NEO-H-18LS2835-AC		220AC				8,5	1025	46,5x54	AL
62	NEO-L-12XL-S2x6-DC		24 DC		350*	500*	13,7	2040	145x43	
63	NEO-L-18LS2835-CV		12 CV		125*	150*	8,3	1040	320x12	
63	NEO-L-1x8XP	20	24	26	350	700	7,4	1360	87x30	
64	NEO-C-7XP	18	21	24	350	1050	6,5	1100	Ø35,8	
64	NEO-H-7XP	18	21	24	350	1050	6,5	1100	46,5x54	
65	NEO-H-24LS2835-36/220V		220AC						46,5x54	
65	NEO-L-91LS2835-AC		220AC				16,5	2380	145x43	
66	NEO-x-1	2,6	3	3,3	350			180	20x20/25x25	
						*Ток на светодиоде				

REFERENCE

SAMSUNG
Бренд светодиода
LED brand

362x15mm
Размер светодиодного модуля
LED module size

AL 1,6
Толщина платы и материал
Thinkness and type of PCB material

Ø3.3 3pcs
Диаметр и количество монтажных отверстий
Quantity and diameter of the hole

1x6
Схема соединения цепочек
Connection diagram

NS2059
Коннекторы
Connetortype

3.45x3.45
SMD 2835
Тип светодиода
LED package

OFFICE LIGHTING

LED modules are PCBs with mounted LEDs and mounting holes with isolated area for a screw or a rivet. Module characteristics, such as LEDs CCT range and flux-bin, are printed on the front surface. LED modules have contact PADs for terminal blocks used for connecting modules to power supply units.

Светодиодные модули представляют из себя платы с напаянными светодиодами. Для крепления модулей предусмотрены отверстия с изолированной зоной вокруг них под головку винта или заклепки. На лицевой стороне нанесена маркировка с указанием электрических параметров модуля, диапазона цветовой температуры и flux-бина смонтированных светодиодов. Питание модуля осуществляется от источника постоянного тока. Для подключения питания предусмотрены контактные площадки под разъемы.

NEO-L-6XPL-362

CREE LED SAMSUNG 362x15 mm AL 1.6 Ø3.3 3pcs 1x6 NS2059 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-6XPL-362	2850-3200	6	XPGDWT-H1-CARH-00HE7	700	115	1540	11,8
			SPHWH2L3D30ED4V0K3 (M1)		120	1540	11,6
	4700-5300		XTEAWT-E0-CSMD-00000BLE3		115	1785	12,1
			SPHWH2L3D30CD4RTP3 (Q1)		120	1870	11,6
			SPHWHTL3D50CE4RTQF	700 / 1500	128	1860 / 3370	12,8 / 29,5
			SPHWHTL3D50CE4RTQF (SB)		128	2100 / 3805	12,8 / 29,5
			XPGDWT-BS-0000-00ME3		125	1905 / 3525	11,8 / 26,7
			XPLBWT-00-CNFL-A00BV50E3		125	1915 / 3745	11,4 / 25,8

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-8XPL

CREE LED SAMSUNG 490x15 mm AL 1.6 Ø3.3 9pcs 1x8 NS2059-301 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-8XPL	2850-3200	8	XPGDWT-H1-CARH-00HE7	700	115	2055	15,7
			SPHWH2L3D30ED4V0K3 (M1)		120	2055	15,5
	4700-5300		XTEAWT-E0-CSMD-00000BLE3		115	2380	16,2
			SPHWH2L3D30CD4RTP3 (Q1)		120	2495	15,5
			SPHWHTL3D50CE4RTQF	700 / 1500	128	2480 / 4495	17,1 / 39,4
			SPHWHTL3D50CE4RTQF (SB)		128	2800 / 5075	17,1 / 39,4
			XPGDWT-BS-0000-00ME3		125	2545 / 4700	15,7 / 35,6
			XPLBWT-00-CARH-000BV60E3		125	2755 / 5795	15,2 / 34,4

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-8L3030

CREE LED SAMSUNG 490x14 mm | AL 1.0 | Ø3.2 7pcs | 2x4 | 2060-402 | SMD 3030

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-8L3030	4700-5300	8	L130-5080003000W21	300 / 350 / 400	116	1110 / 1265 / 1415	7,3 / 8,7 / 10,1
			L130-5080003000X21			1125 / 1285 / 1440	
	3700 - 4300		L130-4080003000W21			1005 / 1150 / 1285	
			L130-4080003000X21			1115 / 1275 / 1420	
	2850 - 3200		L130-3080003000W21			945 / 1080 / 1205	
			L130-3080003000X21			990 / 1130 / 1265	
	4700 - 5300		SPMWH3327FS5GAR0SF		120	1145 / 1300 / 1440	7,3 / 8,7 / 10,2
			JK3030AWT-00-0000-000B0HL250E			1015 / 1055 / 1440	7,2 / 8,5 / 9,9

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-12S5630G3

CREE LED SAMSUNG 495x13 mm | AL 1.0 | Ø3.3 5pcs | 2x6 | 2060-402 | SMD 5630

Model	CCT, K	LEDs	LED	Current, mA	FWHM,°	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-12S5630G3	4700 - 5300	12	SPMWHT541ML5XAR0S6	300 / 350 / 400	120	955 / 1095 / 1230	5,2 / 6,1 / 7,1
	3700 - 4300		SPMWHT541ML5XAT0S6			930 / 1065 / 1200	
	2850 - 3200		SPMWHT541ML5XAV0S6			890 / 1025 / 1150	
	4700 - 5300		SPMWHT541MP5WAR0S5	300 / 350		890 / 1010	5,6 / 6,7
	3700 - 4300		SPMWHT541MP5WAT0S5			865 / 980	
	2850 - 3200		SPMWHT541MP5WAV0S5			830 / 940	
	3700 - 4300		JB5630AWT-00-0000-0P0A0HD440E (E2)	300 / 350 / 400		885 / 1015 / 1140	5,4 / 6,4 / 7,5

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-14LS2835

SEL SAMSUNG 490x13 mm | AL 1.0 | Ø3.3 6pcs | 2x7 | 2060-402 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-14LS2835	4700-5300	14	SEL-2835-5-3V150	300	120	870	6,5
	3700-4300		SEL-2835-4-3V150			895	
	2850-3200		SEL-2835-3-3V150			815	
	4700-5300		SPMWH1228FD5WAR0SE	300 / 350 / 400		935 / 1045 / 1115	6,1 / 7,3 / 8,4
	3700-4300		SPMWH1228FD5WAT0SE			920 / 1030 / 1100	
	2850-3200		SPMWH1228FD5WAV0SE			875 / 975 / 1045	
	4700-5300		L128-5080CA3500001			1030 / 1170 / 1305	6,4 / 7,6 / 8,9
	3700-4300		L128-4080CA3500001			1025 / 1165 / 1300	
	2850-3200		L128-3080CA3500001			975 / 1105 / 1235	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-16L3020-280

280x12 mm | AL 1.0 | Ø3.2 4pcs | 2x8 | NS2059 | SMD 3020

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-16L3020-280	4700-5300	16	L130-5080002011001	300 / 350 / 400	110	1075 / 1225 / 1370	7,4 / 8,8 / 10,2
	3700-4300		L130-4080002011001			1055 / 1205 / 1345	
	2900-3200		L130-3080002011001			970 / 1105 / 1235	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-16LS2835

SEL SAMSUNG

463x13 mm | AL 1.0 | Ø3.2 5pcs | 2x8 | 2060-402 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-16LS2835	4700-5300	16	SEL-2835-5-3V150	300	120	990	7,5
	3700-4300		SEL-2835-4-3V150			1020	
	2800-3200		SEL-2835-3-3V150			935	
	4700-5300		SPMWH1228FD5WAR0SE	300 / 350 / 400		1070 / 1195 / 1275	7 / 8,3 / 9,7
	3700-4300		SPMWH1228FD5WAT0SE			1055 / 1175 / 1260	
	2800-3200		SPMWH1228FD5WAV0SE			1000 / 1115 / 1195	
	4700-5300		L128-5080CA3500001			1175 / 1335 / 1490	7,3 / 8,7 / 10,1
	3700-4300		L128-4080CA3500001			1170 / 1330 / 1485	
	2800-3200		L128-3080CA3500001			1110 / 1265 / 1410	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-16LS2835-280

SEL SAMSUNG

280x13 mm | AL 1.0 | Ø3.2 4pcs | 2x8 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-16LS2835-280	4700-5300	16	SEL-2835-5-3V150	300	120	1020	7,5
	3700-4300		SEL-2835-4-3V150			990	
	2800-3200		SEL-2835-3-3V150			935	
	4700-5300		SPMWH1228FD5WAR0SE	300 / 350 / 400		1070 / 1195 / 1275	7 / 8,3 / 9,7
	3700-4300		SPMWH1228FD5WAT0SE			1055 / 1175 / 1260	
	2800-3200		SPMWH1228FD5WAV0SE			1000 / 1115 / 1195	
	4700-5300		L128-5080CA3500001			1175 / 1335 / 1490	7,3 / 8,7 / 10,1
	3700-4300		L128-4080CA3500001			1170 / 1330 / 1485	
	2800-3200		L128-3080CA3500001			1110 / 1265 / 1410	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-18LS2835

SEL SAMSUNG | 515x12.8 mm | AL 1.0 | Ø3.2 7pcs | 2x9 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-18LS2835	4700- 5300	18	SEL-2835-5-3V150	300	120	1115	8,4
	3700-4300		SEL-2835-4-3V150			1150	
	2800-3200		SEL-2835-3-3V150			1050	
	4700-5300		SPMWH1228FD5WAR0SE	300 / 350 / 400		1200 / 1340 / 1435	7,9 / 9,3 / 10,9
	3700-4300		SPMWH1228FD5WAT0SE			1185 / 1325 / 1415	
	2800-3200		SPMWH1228FD5WAV0SE			1125 / 1255 / 1345	
	4700-5300		SPMWH1228FD5WAR0RJ			1350 / 1550 / 1745	7,9 / 9,3 / 10,8
	3700-4300		SPMWH1228FD5WAT0RG			1255 / 1435 / 1610	
	2850-3200		SPMWH1228FD5WAV0RG			1195 / 1365 / 1535	
	4700-5300		L128-5080CA3500001			1325 / 1505 / 1680	8,2 / 9,8 / 11,4
	3700-4300		L128-4080CA3500001			1320 / 1500 / 1670	
	2800 - 3200		L128-3080CA3500001			1250 / 1425 / 1585	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-18LS2835-280

SEL SAMSUNG | 280x13 mm | AL 1.0 | Ø3.2 4pcs | 2x9 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-18LS2835-280	4700-5300	18	SEL-2835-5-3V150	300	120	1115	8,4
	3700-4300		SEL-2835-4-3V150			1150	
	2800-3200		SEL-2835-3-3V150			1050	
	4700-5300		SPMWH1228FD5WAR0SE	300 / 350 / 400		1200 / 1340 / 1435	7,9 / 9,3 / 10,9
	3700-4300		SPMWH1228FD5WAT0SE			1185 / 1325 / 1415	
	2800-3200		SPMWH1228FD5WAV0SE			1125 / 1255 / 1345	
	4700-5300		SPMWH1228FD5WAR0RJ			1350 / 1550 / 1745	7,9 / 9,3 / 10,8
	3700-4300		SPMWH1228FD5WAT0RG			1255 / 1435 / 1610	
	2850-3200		SPMWH1228FD5WAV0RG			1195 / 1365 / 1535	
	4700-5300		L128-5080CA3500001			1325 / 1505 / 1680	8,2 / 9,8 / 11,4
	3700 - 4300		L128-4080CA3500001			1320 / 1500 / 1670	
	2800 - 3200		L128-3080CA3500001			1250 / 1425 / 1585	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-18LS2835-490x14

SAMSUNG | 490x14 | FR4 1.6 | Ø3.4 8pcs | 3x6 | 2060-402 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-18LS2835-490x14	4700 - 5300	18	SPMWH1228FD5WAR0SE	300 / 350 / 400	120	850/980/1095	5,3/6,2/7,1
	3700 - 4300		SPMWH1228FD5WAT0SE			840/965/1080	
	2800 - 3200		SPMWH1228FD5WAV0SE			785/920/1025	

* power and luminous flux are measured at the same Tj of LEDs.

NEO-L-22LS2835-383

383x13 mm | AL 1.0 | Ø3.2 4pcs | 2x11 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-22LS2835-383	4700-5300	22	SEL-2835-5-3V150	300	120	1365	10,4
	3700-4300		SEL-2835-4-3V150			1405	
	2800-3200		SEL-2835-3-3V150			1280	
	4700-5300		SPMWH1228FD5WAR0SE	300 / 350 / 400		1470 / 1640 / 1755	9,6 / 11,4 / 13,3
	3700-4300		SPMWH1228FD5WAT0SE			1450 / 1620 / 1730	
	2800-3200		SPMWH1228FD5WAV0SE			1375 / 1535 / 1645	
	4700-5300		L128-5080CA3500001			1620 / 1840 / 2050	10 / 12 / 13,9
	3700-4300		L128-4080CA3500001			1610 / 1830 / 2040	
	2800-3200		L128-3080CA3500001			1530 / 1740 / 1940	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-18S5630G3

490x14 mm | AL 1.0 | Ø3.3 8pcs | 3x6 | 2060-402 | SMD 5630

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-18S5630G3	4700-5300	18	SPMWHT541ML5XAR0S6	350 / 400	120	1130 / 1275	5,9 / 6,8
	3700-4300		SPMWHT541ML5XAT0S6			1100 / 1240	
	2800-3200		SPMWHT541ML5XAV0S6			1060 / 1190	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-21S5630G3

490x14 mm | AL 1.0 | Ø3.3 8pcs | 3x7 | 2060-402 | SMD 5630

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-L-21S5630G3	4700-5300	21	SPMWHT541ML5XAR0S6	350 / 400	120	1320 / 1485	6,9 / 7,9
	3700-4300		SPMWHT541ML5XAT0S6			1285 / 1445	
	2800-3200		SPMWHT541ML5XAV0S6			1235 / 1385	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-30LS2835_281x24

SAMSUNG

281x24 mm | AL 1.6 | Ø3.3 8pcs | 6x5 | NS212 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux*, lm (Tj=55 °C)	Typical power, W*
NEO-L-30LS2835_281x24	4700-5300	30	SPMWH1228MD5WAR0VK	350 / 750 / 1050	120	930 / 1815 / 2625	4,9 / 10,2 / 15,7
			SPMWH1228MD5WAR0RK				
	3700-4300		SPMWH1228MD5WAT0VK			915 / 1790 / 2585	
			SPMWH1228MD5WAT0RK				
	2850-3200		SPMWH1228MD5WAV0VK			880 / 1715 / 2480	
			SPMWH1228MD5WAV0RK				
	4700-5300		SPMWH1228FD5WAR0RJ			905 / 1770 / 2560	4,8 / 10 / 15,5
			SPMWH1228FD5WAR0RG			870 / 1680 / 2400	
	3700-4300		SPMWH1228FD5WAT0RJ			895 / 1750 / 2530	
			SPMWH1228FD5WAT0RG			860 / 1655 / 2370	
	2850-3200		SPMWH1228FD5WAV0RJ			855 / 1670 / 2420	
			SPMWH1228FD5WAV0RG			820 / 1575 / 2255	
	4700-5300		SPMWH1228FD5WAR0SE			860 / 1610 / 2220	4,8 / 10 / 15,6
	3700-4300		SPMWH1228FD5WAT0SE			845 / 1585 / 2185	
	2850-3200		SPMWH1228FD5WAV0SE			805 / 1505 / 2075	
	4700-5300		L128-5080CA3500001			945 / 1770 / 2485	4,8 / 10,4 / 16,3
	3700-4300		L128-4080CA3500001			940 / 1760 / 2475	
	2850-3200		L128-3080CA3500001			895 / 1675 / 2350	
	4700-5300		L128-5080HA3500001			930 / 1815 / 2640	4,7 / 9,7 / 14,9
			L128-5095HA3500001			720 / 1415 / 2065	
	3700-4300		L128-4080HA3500001			920 / 1800 / 2620	
			L128-4095HA3500001			715 / 1405 / 2050	
	2850-3200		L128-3080HA3500001			865 / 1690 / 2465	
			L128-3095HA3500001			665 / 1300 / 1890	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-36LS2835_559x16

SEL SAMSUNG

559x16 mm | FR4 1.6 | Ø3.3 6pcs | 3x12 | 2060-401 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power W *
NEO-L-36LS2835_559x16	4700-5300	36	SEL-2835-5-3V150	300 / 350 / 400	120	1570 / 1805 / 2015	10,6 / 12,6 / 14,6
	3700-4300		SEL-2835-4-3V150			1620 / 1860 / 2075	
	2800-3200		SEL-2835-3-3V150			1475 / 1700 / 1890	
	4700-5300		SPMWH1228FD5WAR0SE			1685 / 1930 / 2155	10,2 / 12 / 13,8
	3700-4300		SPMWH1228FD5WAT0SE			1665 / 1900 / 2120	
	2800-3200		SPMWH1228FD5WAV0SE			1575 / 1805 / 2015	
	4700-5300		L128-5080CA3500001			1850 / 2125 / 2370	10,5 / 12,4 / 14,3
	3700-4300		L128-4080CA3500001			1845 / 2115 / 2360	
	2800-3200		L128-3080CA3500001			1750 / 2010 / 2240	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-6x6LS2835

SEL SAMSUNG 504x13 mm | AL 1.0 | Ø3.3 6pcs | 6x6 | NS212 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W *
NEO-L-6x6LS2835	4700-5300	36	SEL-2835-5-3V150	350 / 400 /700	120	935 / 1075 / 1805	6 / 7 / 12.9
	3700-4300		SEL-2835-4-3V150			965 / 1110 / 1860	
	2800-3200		SEL-2835-3-3V150			880 / 1010 / 1700	
	4700-5300		SPMWH1228FD5WAR0SE			1030 / 1175 / 1930	5,7 / 6,7 / 12
	3700-4300		SPMWH1228FD5WAT0SE			1015 / 1160 / 1900	
	2800-3200		SPMWH1228FD5WAV0SE			965 / 1100 / 1805	
	4700-5300		L128-5080CA3500001			1135 / 1290 / 2125	5,8 / 6,8 / 12,4
	3700-4300		L128-4080CA3500001			1130 / 1290 / 2115	
	2800-3200		L128-3080CA3500001			1070 / 1225 / 2010	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-36LS2835-504x13

SAMSUNG 504x13 mm | FR4 1.6 | Ø3.3 6pcs | 6x6 | NS212 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux*, lm (Tj=55 °C)	Typical power, W *
NEO-L-36LS2835-504x13	4700-5300	36	SPMWH22286D5WARMS2	300 / 350 / 400	120	775 / 875 / 975	5,3 / 6,3 / 135
	3700-4300		SPMWH22286D5WATMS2			760 / 860 / 955	
	2850-3200		SPMWH22286D5WAVMS2			715 / 811 / 900	
	4700-5300		SPMWH1228FD5WAR0SE	350 / 400 /500		1030 / 1175 / 1425	5,7 / 6,7 / 8,3
	3700-4300		SPMWH1228FD5WAT0SE			1015 / 1160 / 1405	
	2850-3200		SPMWH1228FD5WAV0SE			965 / 1100 / 1335	
	4700-5300		L128-5080CA3500001			1135 / 1290 / 1570	5,8 / 6,8 / 8,5
	3700-4300		L128-4080CA3500001			1130 / 1290 / 1565	
	2850-3200		L128-3080CA3500001			1070 / 1225 / 1485	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-48S5630G3-448

CREE LED SAMSUNG 448x12.5 mm | AL 1.0 | Ø3.2 8pcs | 4x12 | NS2059 | SMD 5630

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W
NEO-L-48S5630G3-448	4700-5300	48	SPMWHT541ML5XAR0S6	350 / 400 /700	120	2205 / 2485 / 4155	11,5 / 13,2 / 24,2
	3700-4300		SPMWHT541ML5XAT0S6			2145 / 2420 / 4045	
	2850-3200		SPMWHT541ML5XAV0S6			2060 / 2325 / 3880	
	4700-5300		SPMWHT541MP5WAR0S5			2095 / 2360 / 3850	12,3 / 14,2 / 26,3
	3700-4300		SPMWHT541MP5WAT0S5			2040 / 2295 / 3745	
	2850-3200		SPMWHT541MP5WAV0S5			1950 / 2200 / 3585	
	3700-4300		JB5630AWT-00-0000-0P0A0HD440E (E2)			2035 / 2295 / 3845	11,9 / 13,6 / 25,4

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-48LS2835-448

SEL SAMSUNG | 448x12,5 mm | AL 1.0 | Ø3.2 8pcs | 4x12 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-48LS2835-448	4700-5300	48	SEL-2835-5-3V150	300 / 350 / 400	120	1990 / 2255	10,4 / 12,3 / 14,2
	3700-4300		SEL-2835-4-3V150			1945 / 2205	
	2800-3200		SEL-2835-3-3V150			1890 / 2040	
	4700-5300		SPMWH1228FD5WAR0SE	350 / 400 / 700		1880 / 1980	11,7 / 13,4 / 24,7
	3700-4300		SPMWH1228FD5WAT0SE			1960 / 2060	
	2800-3200		SPMWH1228FD5WAV0SE			1860 / 1953	
	4700-5300		L128-5080CA3500001			2020 / 2265 / 3650	12 / 13,8 / 25,8
	3700-4300		L128-4080CA3500001			2015 / 2260 / 3630	
	2800-3200		L128-3080CA3500001			1890 / 2115 / 3405	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-49LS2835

SEL SAMSUNG | 515x12 mm | AL 1.0 | Ø3.2 5pcs | 7x7 | 2060-402 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power W *
NEO-L-49LS2835	4700-5300	49	SPMWH22286D5WARMS2	300 /350 / 400	120	930 / 1055/ 1175	6,2 / 7,3 / 8,4
	3700-4300		SPMWH22286D5WATMS2			910 / 1035 / 1155	
	2850-3200		SPMWH22286D5WAVMS2			860 / 975 / 1085	
	4700-5300		SEL-2835-5-3V150	350 /400 / 700		1105 / 1255 / 2140	6,9 / 8,1 / 14,7
	3700-4300		SEL-2835-4-3V150			1135 / 1290 / 2205	
	2850-3200		SEL-2835-3-3V150			1035 / 1175 / 2010	
	4700-5300		SPMWH1228FD5WAR0SE			1220 / 1380 / 2290	6,7 / 7,7 / 13,8
	3700-4300		SPMWH1228FD5WAT0SE			1205 / 1360 / 2260	
	2850-3200		SPMWH1228FD5WAV0SE			1145 / 1295 / 2145	
	4700-5300		L128-5080CA3500001			1345 / 1515 / 2520	6,8 / 7,8 / 14,2
	3700-4300		L128-4080CA3500001			1340 / 1515 / 2515	
	2850-3200		L128-3080CA3500001			1270 / 1435 / 2385	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-45LS2835

SEL SAMSUNG | 490x9 mm | AL 1.0 | Ø3.2 6pcs | 5x9 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power W *
NEO-L-45LS2835	4700-5300	45	SPMWH22286D5WARMS2	300 /350	120	1125 / 1280	8,1 / 9,6
	3700-4300		SPMWH22286D5WATMS2			1105 / 1260	
	2850-3200		SPMWH22286D5WAVMS2			1040 /1185	
	4700-5300		SEL-2835-5-3V150	350 / 400 / 700		1405 / 1595 / 2625	9,1 / 10,6 / 19,7
	3700-4300		SEL-2835-4-3V150			1445 / 1645 / 2705	
	2850-3200		SEL-2835-3-3V150			1320 / 1500 / 2465	
	4700-5300		SPMWH1228FD5WAR0SE			1530 / 1725 / 2810	8,7 / 10 / 18,2
	3700-4300		SPMWH1228FD5WAT0SE			1510 / 1700 / 2770	
	2850-3200		SPMWH1228FD5WAV0SE			1435 / 1615 / 2630	
	4700-5300		L128-5080CA3500001			1680 / 1900 / 3095	8,9 / 10,3 / 19
	3700-4300		L128-4080CA3500001			1680 / 1895 / 3080	
	2850-3200		L128-3080CA3500001			1595 / 1795 / 2930	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-96LS2835-448

SEL SAMSUNG

448x12.5 mm | AL 1.0 | Ø3.2 8pcs | 4x24 | NS2059 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85°C)	Typical power, W *
NEO-L-96LS2835-448	4700-5300	96	SEL-2835-5-3V150	300 /350 /400	120	3015 / 3515 / 3965	20,7 / 24,7 / 28,4
	3700-4300		SEL-2835-4-3V150			3110 / 3620 / 4085	
	2850-3200		SEL-2835-3-3V150			2835 / 3305 / 3725	
	4700-5300		SPMWH1228FD5WAR0SE			3270 / 3785 / 4245	19,7 / 23,4 /26,7
	3700-4300		SPMWH1228FD5WAT0SE			3225 / 3730 / 4185	
	2850-3200		SPMWH1228FD5WAV0SE			3065 / 3545 / 3975	
	4700-5300		L128-5080CA3500001			3585 / 4145 / 4650	20,1 / 24 / 24,5
	3700-4300		L128-4080CA3500001			3565 / 4120 / 4620	
	2850-3200		L128-3080CA3500001			3405 / 3935 / 4410	

* power and luminous flux are measured at the same Tj of LEDs

NEO-M-56LS2835

SEL SAMSUNG

245.8x250.7 | FR4 1.6 | Ø2.6 13pcs | 7x8 | 2060-402 | SMD 2835

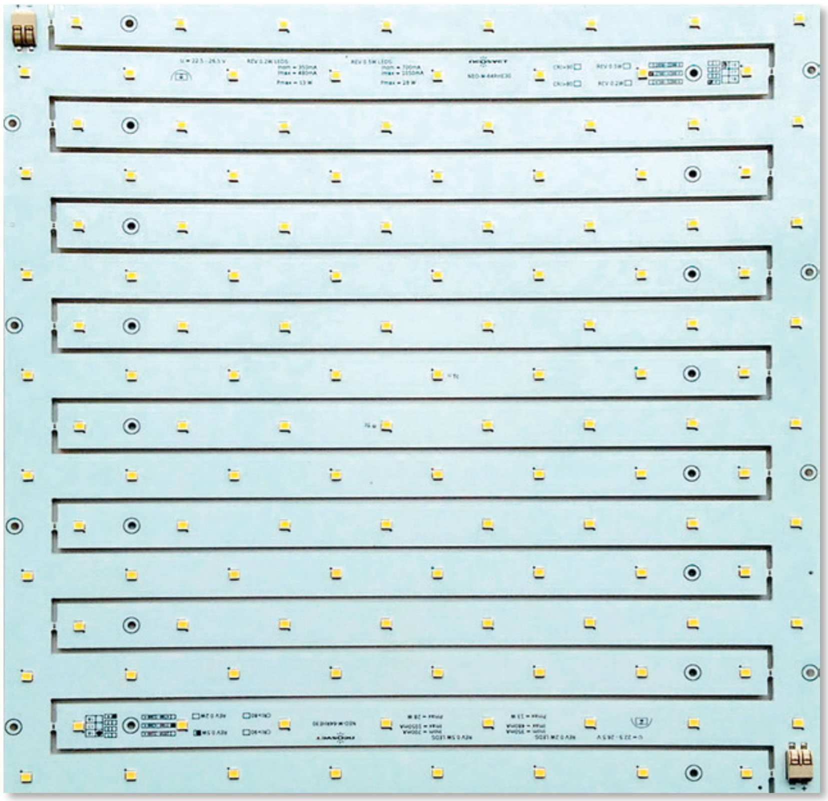
Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85°C)	Typical power, W *
NEO-M-56LS2835	4700-5300	56	SPMWH22286D5WARMS2	300 /350 /400	120	1060 / 1205 / 1345	7,1 / 8,3 / 9,6
	3700-4300		SPMWH22286D5WATMS2			1040 / 1180 / 1320	
	2800-3200		SPMWH22286D5WAVMS2			980 / 1115 / 1240	
	4700-5300		SEL-2835-5-3V150	350 / 700 / 1050		1260 / 2445 / 3445	7,9 / 16,8 / 26,5
	3700-4300		SEL-2835-4-3V150			1300 / 2520 / 3550	
	2800-3200		SEL-2835-3-3V150			1185 / 2295 / 3235	
	4700-5300		SPMWH1228FD5WAR0SE			1395 / 2620 / 3705	7,6 / 15,8 / 24,4
	3700-4300		SPMWH1228FD5WAT0SE			1375 / 2585 / 3655	
	2800-3200		SPMWH1228FD5WAV0SE			1310 / 2455 / 3470	
	4700-5300		L128-5080CA3500001			1535 / 2880 / 4085	7,7 / 16,3 / 25,5
	3700-4300		L128-4080CA3500001			1530 / 2870 / 4065	
	2800-3200		L128-3080CA3500001			1455 / 2725 / 3865	

* power and luminous flux are measured at the same Tj of LEDs

NEO-M-64LS2835

SEL SAMSUNG

245.8x250.7 mm | FR4 1.6 | Ø2.6 13pcs | 8x8 | 2060-402 | SMD 2835



Патент РФ №128435

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=55 °C)	Typical power, W*
NEO-M-64LS2835	4700-5300	64	SPMWH22286D5WARMS2	300 /350 /400	120	1090 / 1235 / 1375	7,1 / 8,3 / 9,5
	3700-4300		SPMWH22286D5WATMS2			1070 / 1215 / 1350	
	2850-3200		SPMWH22286D5WAVMS2			1010 / 1145 / 1270	
	4700-5300		SEL-2835-5-3V150	350 / 700 / 1050		1275 / 2485 / 3540	7,9 / 16,7 / 26
	3700-4300		SEL-2835-4-3V150			1310 / 2560 / 3645	
	2800-3200		SEL-2835-3-3V150			1195 / 2330 / 3325	
	4700-5300		SPMWH1228FD5WAR0SE			1415 / 2675 / 3780	7,6 / 15,8 / 24,1
	3700-4300		SPMWH1228FD5WAT0SE			1395 / 2635 / 3725	
	2850-3200		SPMWH1228FD5WAV0SE			1325 / 2505 / 3540	
	4700-5300		L128-5080CA3500001			1555 / 2940 / 4160	7,7 / 16,2 / 25
	3700-4300		L128-4080CA3500001			1550 / 2930 / 4145	
	2850-3200		L128-3080CA3500001			1470 / 2785 / 3935	

* power and luminous flux are measured at the same Tj of LEDs

HORTI / FITO

In the conditions of sunlight shortage in the morning and evening hours, as well as in winter time, artificial lighting with a proper light spectrum allows to significantly increase the rate of shoots of plants, develop their root system, bring the beginning of flowering and accelerate fruitage. LEDs of a certain wavelength and spectrum are compatible with the photosynthesis and light-signalling requirements of plants. Wp=450 nm (blue) and Wp=660 nm (red) provide a high level of radiation of the photosynthetic flux of photosynthesis — PPF. Certain levels of blue light increase the leaf area and enhance the root and plant biomass. The red light effects the plant blossom and better fruitage.

В условиях дефицита солнечного света в утренние и вечерние часы, а также в зимнее время дополнительное или заменяющее искусственное освещение с правильно подобранным световым спектром позволяет значительно увеличить скорость всхода растений, развить их корневую систему, приблизить начало цветения и ускорить созревание плодов. Важным параметром эффективности освещения для растений является интенсивность света в области спектра, влияющей на фотосинтез. Установленные светодиоды излучают свет определенной длины волны, отвечающий пикам потребления света хлорофиллом — Wp=450нм (синий) и Wp=660 нм (красный). Это обеспечивает высокий уровень излучения потока фотонов фотосинтеза — PPF. Благодаря свету синего цвета увеличивается площадь листа, растение набирает массу, растет корневище. Благодаря красному свету растение быстрее зацветает и лучше плодоносит.

NEO-L-8XPL-490-Fito

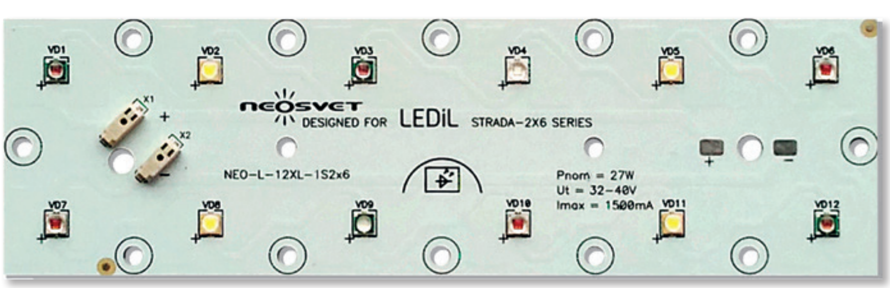
SAMSUNG 490x15 mm | AL 1.6 | Ø3.3 9pcs | 1x8 | NS2059-301 | 3.45x3.45

Model	LEDs	Current, mA	Typical PPF, µmol/s	Typical PPE, µmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-8XPL-490-Mix-Seed	8	350	16,16	2,46	54,5%	1,1:1	6,6
NEO-L-8XPL-490-Mix-Leaf			14,65	2,44	51,9%	1,8:1	6
NEO-L-8XPL-490-Mix-Grow			14,3	2,37	48,6%	3:1	6

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-12XL-1S2x6-Fito

SAMSUNG 145x43 mm | AL 1.6 | Ø3.3 12pcs | 1x12 | NS2059-301 | 3.45x3.45



Model	LEDs	Current, mA	Typical PPF, µmol/s	Typical PPE, µmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-12XL-1S2x6-Mix-H-Seed	12	350	24,23	2,46	54,5%	1,1:1	9,8
NEO-L-12XL-1S2x6-Mix-H-Leaf			22,38	2,4	50,7%	2:1	9,3
NEO-L-12XL-1S2x6-Mix-H-Grow			21,81	2,49	50,5%	3,1:1	8,8

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-12XL-V12-Fito

SAMSUNG 310x16 mm | AL 1.6 | Ø3.3 4pcs | 1x12 | 2060-402 | 3.45x3.45

Model	LEDs	Current, mA	Typical PPF, µmol/s	Typical PPE, µmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-12XL-V12-Mix-Seed			24,23	2,46	54,5%	1,1;1	9,8
NEO-L-12XL-V12-Mix-Leaf	12	350	22,38	2,4	50,7%	2:1	9,8
NEO-L-12XL-V12-Mix-Grow			21,81	2,49	50,5%	3,1:1	8,8

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-18LS2835-Fito

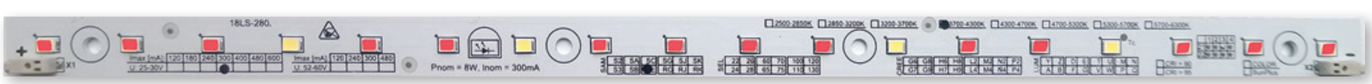
515x12.8 mm | AL 1.0 | Ø3.2 7pcs | 2x9 | NS2059-301 | SMD 2835

Model	LEDs	Current, mA	Typical PPF, µmol/s	Typical PPE, µmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-18LS2835-MIX-L1SP-SEED	18	300	16,46	2,1	48,1%	1,1:1	7,9
NEO-L-18LS2835-L1SP-PNK1002800000			16,66	2,15	47,2%	3:1	7,7

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-18LS2835-280-Fito

280x13 mm | AL 1.0 | Ø3.2 4pcs | 2x9 | NS2059-301 | SMD 2835



Model	LEDs	Current, mA	Typical PPF, µmol/s	Typical PPE, µmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-18LS2835-280-MIX-L1SP-SEED	18	300	16,46	2,1	48,1%	1,1:1	7,9
NEO-L-18LS2835-280-L1SP-PNK1002800000			16,66	2,15	47,2%	3:1	7,7

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-37LED-MIX

SAMSUNG | 280x24 mm | AL 1.0 | Ø3.5 5pcs | NS2059-301 | SMD 3030 | 3.45x3.45

Model	LEDs	Current, mA	Typical PPF, μmol/s	Typical PPE, μmol/J	Typical radiant flux, power, Mw	R/B ratio	Typical power, W*
NEO-L-37LED-MIX-H-Seed	37	350	61,66	2,46	56,6%	1:1,15	12,6
NEO-L-37LED-MIX-H-LEAF			59,33	2,45	53,50%	2,1:1	12,3
NEO-L-37LED-MIX-H-Grow			58,16	2,44	51,80%	3,9:1	11,8

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-48LS2835-448-Fito

448x12.5 mm | AL 1.0 | Ø3.2 8pcs | 4x12 | NS2059-301 | SMD 2835

Model	LED quantity	Current, mA	Typical PPF, μmol/s	Typical PPE, μmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-48LS2835-448-MIX-L1SP-Seed	48	350	25,87	2,21	51%	1,1:1	11,7
NEO-L-48LS2835-448-L1SP-PNK1002800000			26,22	2,26	49,5%	3:1	11,6

* power and typical PPF are measured at the same Tj of LEDs

NEO-L-49LS2835-Fito

515x12 mm | AL 1.0 | Ø3.2 5pcs | 7x7 | 2060-402 | SMD 2835

Model	LED quantity	Current, mA	Typical PPF, μmol/s	Typical PPE, μmol/J	WPE, [%]	R/B ratio	Typical power, W*
NEO-L-49LS2835-MIX-L1SP-Seed	49	700	29,66	2,16	50,3%	1:1	13,7
NEO-L-49LS2835-L1SP-PNK1002800000			30,13	2,22	48,7%	3,1:1	13,6

* power and typical PPF are measured at the same Tj of LEDs

STREET AND INDUSTRIAL LIGHTING

LED modules are PCBs with mounted LEDs and mounting holes with isolated area for a screw or a rivet. LED modules have contact PADs for terminal blocks used for connecting modules to power supply units.

Светодиодные модули — платы с напаянными светодиодами. Для крепления модулей предусмотрены отверстия с изолированной зоной вокруг них под головку винта или заклепки. Питание модуля осуществляется от источника постоянного тока. Для подключения питания предусмотрены контактные площадки или разъемы.

NEO-Q-4XHP50

CREE LED | 73x73 mm | AL 1.6 | Ø3.5 1pcs | 1x4 | NS2059-301 | XHP 50

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-4XHP50	5000	4	XHP50B-00-0000-0D0BK250E	700 /1050	120	4800 / 6650	31,4 / 47,8
			XHP50A-00-0000-0D0BJ450E			4480 / 6190	32,1 / 49,9
	4000		XHP50B-00-0000-0D0BK240E			4800 / 6650	31,4 / 47,8
			XHP50A-00-0000-0D0BJ440E			4480 / 6190	32,1 / 49,9
	3000		XHP50B-00-0000-0D0HJ230G			4160 / 5765	31,4 / 47,8
			XHP50A-00-0000-0D0HH430G			3880 / 5365	32,1 / 49,9

* Values are shown at the calculated value of the luminous f ux temperature
Other types of LEDs with equivalent PADs can be used as per customer requirements

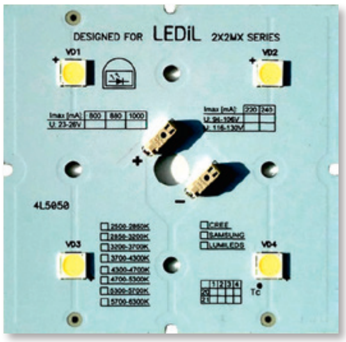
Secondary optics compatible with LED modules NEO-Q-4XHP50

LEDiL — STRADA-2x2 MX
HB-2x2 MX

DARKOO 达尔科 — DK90x90

NEO-Q-4L5050-69x69

69x69 mm | AL 1.6 | Ø3.5 1pcs | 1x4 | SMD 5050 | NS2059



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-4L5050-69x69	5000	4	L150-5070500600000	700 / 1400	116	1405 / 2600	7,8 / 16,4
			L150-5080500600000			1315 / 2435	7,8 / 16,7
			L150-50705006000S0			1405 / 2620	7,9 / 16,9
			SPHWH1L5N603YER5A2		120	1455 / 2670	7,8 / 16,7
			JR5050AWT-Q-B50EB0000-N0000001			1340 / 2505	7,9 / 16,9
	4000		L150-4070500600000		116	1420 / 2635	
			L150-4080500600000			1325 / 2460	
			L150-40705006000S0			1405 / 2620	7,8 / 16,4
			SPHWH1L5N603YET5A2		120	1455 / 2670	7,8 / 16,7
			JR5050AWT-Q-B40EB0000-N0000001			1340 / 2505	7,9 / 16,9
	3000		L150-3080500600000		116	1245 / 2320	
			L150-30805006000S0			1220 / 2290	7,8 / 16,4
			SPHWH1L5N605YEV5A2		120	1250 / 2290	7,8 / 16,7
			JR5050AWT-Q-H30EB0000-N0000001			1215 / 2270	7,9 / 16,9
	5000		L150-5070502400000	300 / 350	116	2200 / 2515	14,2 / 16,9
			SPHWH1L5N603XER5A2		120	2325 / 2660	14 / 16,7
			JR5050AWT-Q-B50EH0000-N0000001			2160 / 2475	14,4 / 17
			RF-Q50SA50A-24-H8			2185 / 2500	14,3 / 17
	4000		L150-4070502400000		116	2080 / 2380	14,2 / 16,9
			SPHWH1L5N603XET5A2		120	2325 / 2660	14 / 16,7
			JR5050AWT-Q-B40EH0000-N0000001			2160 / 2475	14,4 / 17
			RF-Q50SA40A-24-H8			2185 / 2500	14,3 / 17
	3000		L150-3080502400000		116	2030 / 2320	14,2 / 16,9
			SPHWH1L5N605XEV5A2		120	1995 / 2280	14 / 16,7
			JR5050AWT-Q-B30EH0000-N0000001			2060 / 2355	14,4 / 17

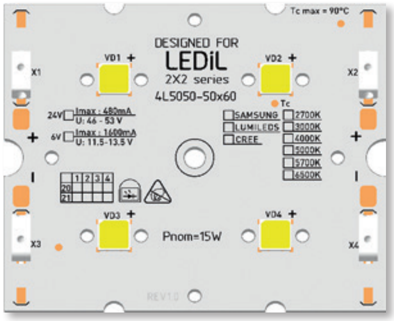
* Values are shown at the calculated value of the luminous flux temperature
Other types of LEDs with equivalent PADs can be used as per customer requirements

Secondary optics compatible with LED modules NEO-Q-4L5050-69x69

STRADA-2x2 MX | DK90x90

NEO-Q-4L5050-50x60

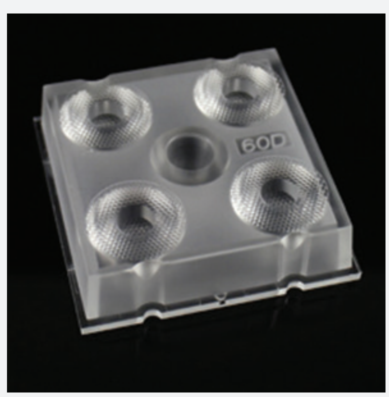
SAMSUNG CREE LED 50x60 mm | AL 1.6 | Ø3.5 1pcs | 2x2 | NS212 | 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-4L5050-50x60	5000	4	L150-5070500600000	700 / 1400	116	1420 / 2635	7,9 / 16,9
			L150-5080500600000			1315 / 2435	
			L150-50705006000S0			1405 / 2620	7,8 / 16,4
			SPHWH1L5N603YER5A2		120	1455 / 2670	7,8 / 16,7
			JR5050AWT-Q-B50EB0000-N0000001			1340 / 2505	7,9 / 16,9
	4000		L150-4070500600000		116	1405 / 2600	
			L150-4080500600000			1325 / 2460	
			L150-40705006000S0			1405 / 2620	7,8 / 16,4
			SPHWH1L5N603YET5A2		120	1455 / 2670	7,8 / 16,7
			JR5050AWT-Q-B40EB0000-N0000001			1340 / 2505	7,9 / 16,9
	3000		L150-3080500600000		116	1245 / 2320	
			L150-30805006000S0			1220 / 2290	7,8 / 16,4
			SPHWH1L5N605YEV5A2		120	1250 / 2290	7,8 / 16,7
			JR5050AWT-Q-H30EB0000-N0000001			1215 / 2270	7,9 / 16,9
	5000		L150-5070502400000	300 / 350	116	2200 / 2515	14,2 / 16,9
			SPHWH1L5N603XER5A2		120	2325 / 2660	14 / 16,7
			JR5050AWT-Q-B50EH0000-N0000001			2160 / 2475	14,4 / 17
			RF-Q50SA50A-24-H8			2185 / 2500	14,3 / 17
	4000		L150-4070502400000		116	2080 / 2380	14,2 / 16,9
			SPHWH1L5N603XET5A2		120	2325 / 2660	14 / 16,7
			JR5050AWT-Q-B40EH0000-N0000001			2160 / 2475	14,4 / 17
			RF-Q50SA40A-24-H8			2185 / 2500	14,3 / 17
	3000		L150-3080502400000		116	2030 / 2320	14,2 / 16,9
			SPHWH1L5N605XEV5A2		120	1995 / 2280	14 / 16,7
			JR5050AWT-Q-B30EH0000-N0000001			2060 / 2355	14,4 / 17

* Values are shown at the calculated value of the luminous flux temperature
Other types of LEDs with equivalent PADs can be used as per customer requirements

Secondary optics compatible with LED modules NEO-Q-4L5050-50x60



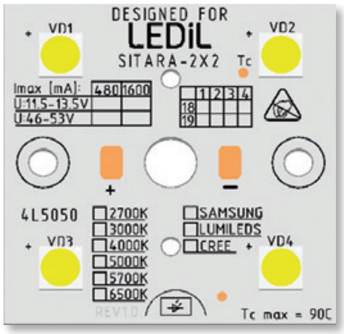
LEDiL | LedLink Linking LEDs to The Real World | DARKOO 达尔科

HB-2x2 | LL04CR-CXR | DK5050-4H1

STREET AND INDUSTRIAL LIGHTING

NEO-Q-4L5050-1S2x2_38,5x38,5

SAMSUNG CREE LED 38,5x38,5mm AL 1.6 Ø3.5 2pcs 1x4 2060-401 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-4L5050-1S2X-2_38,5x38,5	5000	4	L150-5070500600000	350 / 700	116	1405 / 2600	7,9 / 16,9
			L150-5080500600000			1315 / 2435	
			L150-50705006000S0			1405 / 2620	7,8 / 16,4
			SPHWH1L5N603YER5A2		120	1455 / 2670	7,8 / 16,7
			JR5050AWT-Q-B50EB0000-N0000001			1340 / 2505	7,9 / 16,9
	4000		L150-4070500600000		116	1420 / 2635	
			L150-4080500600000			1325 / 2460	
			L150-40705006000S0			1405 / 2620	7,8 / 16,4
			SPHWH1L5N603YET5A2		120	1455 / 2670	7,8 / 16,7
			JR5050AWT-Q-B40EB0000-N0000001			1340 / 2505	7,9 / 16,9
	3000		L150-3080500600000		116	1245 / 2320	7,9 / 16,9
			L150-30805006000S0			1220 / 2290	7,8 / 16,4
			SPHWH1L5N605YEV5A2		120	1250 / 2290	7,8 / 16,7
			JR5050AWT-Q-H30EB0000-N0000001			1215 / 2270	7,9 / 16,9

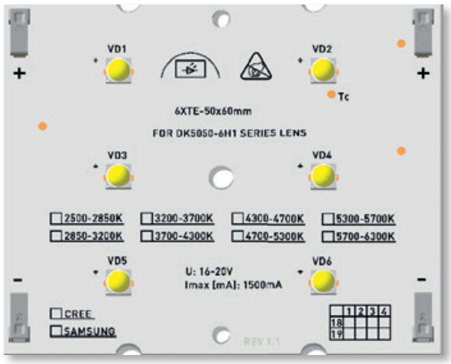
* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Secondary optics compatible with LED modules NEO-Q-4L5050-1S2x2_38,5x38,5

SITARA-2X2

NEO-Q-6XTE-50x60

SAMSUNG CREE LED | 50x60 mm | AL 1.6 | Ø3.3 1pcs | 1x6 | NS212 | 3.45x3.45



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-6XTE-50x60	3000	6	XPGDWT-H1-CARH-00HE7	700	125	1540	11,8
			XTEAWT-E0-0000-00000HGE7		115	1415	12,1
			SPHWH2L3D30ED4V0K3 (M1)		120	1540	11,6
	5000		XTEAWT-E0-CSMD-00000BLE3		115	1785	12,1
			SPHWH2L3D30CD4RTP3 (Q1)		120	1870	11,6
			SPHWHTL3D50CE4RTQF	700 / 1500	128	1860 / 3370	12,8 / 29,5
			SPHWHTL3D50CE4RTQF (SB)			2100 / 3805	
			XPGDWT-B1-0000-00ME3		125	1905 / 3525	11,8 / 26,7
			XPLBWT-00-CARH-000BV60E3			2015 / 3845	11,4 / 25,8

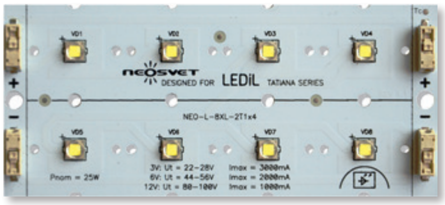
* Values are shown at the calculated value of the luminous f ux temperature
Other types of LEDs with equivalent PADs can be used as per customer requirements

Secondary optics compatible with LED modules NEO-Q-6XTE-50x60

DARKOO 达尔科

DK5050-6H1

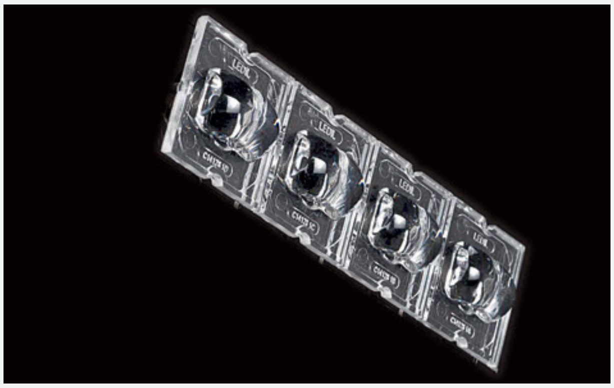
NEO-L-8XL-2T1x4



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-8XL-2T1x4	5700	8	XMLDWT-00-0000-0000U30E2	700 / 1500	120	2560 / 4945	15,4 / 34,8
	5000		XMLBWT-00-0000-000BU20E3			2400 / 4650	15,5 / 35,2
	4000		XMLBWT-00-0000-000BT60E5			2240 / 4340	
	3000		XMLBWT-00-0000-000LT40E7			1920 / 3720	

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent solder pads can be used as per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-8XL-2T1x4



TATYANA 1x4

NEO-L-12XL-V12

CREE LED SAMSUNG 310x16 mm | AL 1.6 | Ø3.3 4pcs | 1x12 | 2060-402 | 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12XL-V12	3000	12	XPGDWT-H1-CARH-00HE7	700	125	3085	23,6
			XTEAWT-E0-0000-00000HGE7		115	2830	24,3
			SPHWH2L3D30ED4V0K3 (M1)		120	3085	23,3
	5000		XTEAWT-E0-CSMD-00000BLE3		115	3570	24,3
			SPHWH2L3D30CD4RTP3 (Q1)		120	3745	23,3
			SPHWHTL3D50CE4RTQF	700 / 1500	128	3720 / 6745	25,6 / 59,1
			SPHWHTL3D50CE4RTQF (SB)			4200 / 7615	25,6 / 59,1
			XPGDWT-B1-0000-00ME3		125	3815 / 7055	23,6 / 53,3
			XPLBWT-00-CARH-000BV60E3			3835 / 7495	22,8 / 51,7

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used as per customer requirements

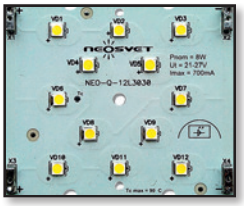
Вторичная оптика, совместимая с модулями NEO-L-12XL-V12

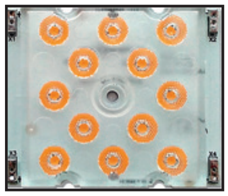
LEDiL

VANESSA

NEO-Q-12L3030

60x50 mm | AL 1.6 | Ø3.3 1pcs | 3x4 | NS212 | SMD 3030





Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-12L3030	5000	12	L130-5070003000W21	350 / 700	116	1335 / 2365	8,1 / 17,9
			L130-5080003000W21			1255 / 2295	
			L130-5070003000X21			1335 / 2415	8,2 / 18
			L130-5080003000X21		120	1275 / 2345	
			JK3030AWT-P-B50EB0000-N0000001			1305 / 2395	8,2 / 17,6
			SPMWH3326FP5GAR0S0	350 / 600		1215 / 1930	8,2 / 15
			SPMWH3327FS3GAR0SF			1420 / 2235	8,2 / 15,2
	4000		L130-4070003000W21	350 / 700	116	1360 / 2420	8,1 / 17,9
			L130-4080003000W21			1240 / 2285	
			L130-4070003000X21			1335 / 2415	8,2 / 18
			L130-4080003000X21			1265 / 2300	
			JK3030AWT-P-B40EB0000-N0000001		120	1305 / 2395	8,2 / 17,6
			SPMWH3326FP5GAT0S0	350 / 600		1195 / 1900	8,2 / 15
	3000		L130-3080003000W21	350 / 700	116	1195 / 2170	8,1 / 17,9
			L130-3080003000X21			1215 / 2210	8,2 / 18
			JK3030AWT-P-B30EB0000-N0000001		120	1230 / 2255	8,2 / 17,6
			SPMWH3326FP5GAV0S0	350 / 600		1150 / 1825	8,2 / 15
	5000		L130-5080HA3000001	350/700/1050	116	715 / 1360 / 1970	3,8 / 8,1 /12,8
			SPMWH3326MP5WAR0S0		120	670 / 1265 / 1800	3,9 / 8,2 / 12,9
			SPMWH3326MS5WAR0SD			720 / 1380 / 1995	3,9 / 8,2 / 13
			JK3030AWT-P-H50EACDST-N0000001			605 / 1130 / 1600	3,8 / 8,2 / 13
	4000		L130-4080HA3000001		116	715 / 1360 / 1970	3,8 / 8,1 /12,8
			SPMWH3326MP5WAT0S0		120	660 / 1245 / 1775	3,9 / 8,2 / 12,9
			SPMWH3326MS5WAT0SD			705 / 1355 / 1960	3,9 / 8,2 / 13
			JK3030AWT-P-H40EA0000-N0000001			605 / 1130 / 1600	3,8 / 8,2 / 13
	3000		L130-3080HA3000001		116	675 / 1285 / 1865	3,8 / 8,1 /12,8
			SPMWH3326MP5WAT0S0		120	630 / 1185 / 1685	3,9 / 8,2 / 12,9
			SPMWH3326MS5WAT0SD			665 / 1280 / 1850	3,9 / 8,2 / 13
			JK3030AWT-P-H30EA0000-N0000001			570 / 1060 / 1495	3,8 / 8,2 / 13

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Вторичная оптика, совместимая с модулями NEO-Q-12L3030

Linking LEDs to The Real World

LL12ZZ-CRC

NEO-L-12XL-1S2x6

CREE LED SAMSUNG 145x43 mm AL 1.6 Ø3.3 12pcs 1x12 NS2059-301 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12XL-1S2x6	3000	12	XPGDWT-H1-CARH-00HE7	700	125	3085	23,6
			XTEAWT-E0-0000-00000HGE7		115	2830	24,3
			SPHWH2L3D30ED4V0K3 (M1)		120	3085	23,3
	5000		XTEAWT-E0-CSMD-00000BLE3		115	3570	24,3
			SPHWH2L3D30CD4RTP3 (Q1)		120	3745	23,3
			SPHWHTL3D50CE4RTQF	700 / 1500	128	3720 / 6745	25,6 / 59,1
			SPHWHTL3D50CE4RTQF (SB)			4200 / 7615	25,6 / 59,1
			XPGDWT-B1-0000-00ME3		125	3815 / 7055	23,6 / 53,3
			XPLBWT-00-CARH-000BV60E3			3835 / 7495	22,8 / 51,7

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used as per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-12XL-1S2x6

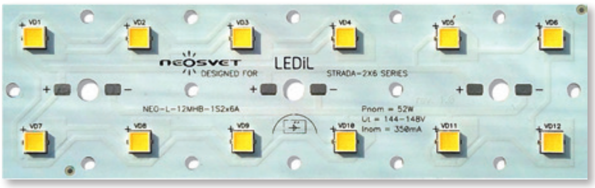
LedLink Linking LEDs to The Real World — LL12CR-CUQXXL

LEDiL — STRADA-IP-2x6, HB-IP-2x6

DARKOO 达尔科 — DK173-12H1

NEO-L-12MHB-1S2x6

CREE LED | 145x43 mm | AL 1.6 | Ø3.3 12pcs | 3x4 | 5.0x5.0



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12MHB-1S2x6	5000	12	MHBBWT-0000-000N0BE250E	350	115	6925	47,9
			MHBBWT-0000-000F0BE250E	700		6900	47,6
			MHBBWT-0000-000C0BD450E	1400		6900	47,6

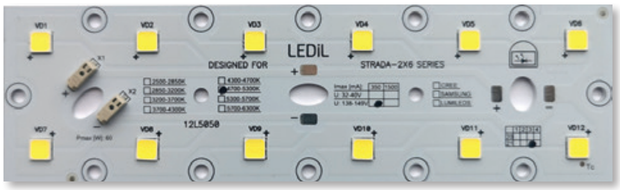
* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Secondary optics compatible with LED modules NEO-L-12MHB-1S2x6

LEDiL	LedLink	DARKOO 达尔科
STRADA-IP-2x6 HB-IP-2x6	LL12CR-CUQXXL	DK173-12H1

NEO-L-12L5050-1S2x6

145x43 mm | AL 1.6 | Ø3.3 12pcs | 2x6 | NS2059-301 | 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12L5050-1S2x6	5000	12	L150-5070502400000	300 / 350	116	6605 / 7550	42,7 / 50,7
			SPHWH1L5N603XER5A2		120	6985 / 7980	41,9 / 50,1
			JR5050AWT-Q-B50EH0000-N0000001			6485 / 7425	43,1 / 51,1
			RF-Q50SA50A-24-H8			6560 / 7495	42,8 / 51,1
	4000		L150-4070502400000		116	6250 / 7145	42,7 / 50,7
			SPHWH1L5N603XET5A2		120	6985 / 7980	41,9 / 50,1
			JR5050AWT-Q-B40EH0000-N0000001			6485 / 7425	43,1 / 51,1
			RF-Q50SA40A-24-H8			6560 / 7495	42,8 / 51,1
	3000		L150-3080502400000		116	6090 / 6970	42,7 / 50,7
			SPHWH1L5N605XEV5A2		120	5995 / 6850	41,9 / 50,1
			JR5050AWT-Q-B30EH0000-N0000001			6175 / 7070	43,1 / 51,1

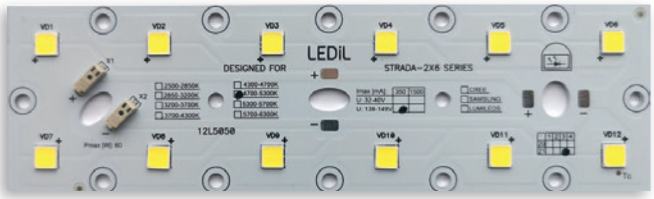
* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-12L5050-1S2x6

LEDiL	LedLink	DARKOO
STRADA-IP-2x6 HB-IP-2x6	LL12CR-CUQXXL	DK173-12H1

NEO-L-12L5050S-1S2x6

145x43 mm | AL 1.6 | Ø3.3 12pcs | 1x12 | NS2059-301 | 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12L5050S-1S2x6	5000	12	L150-5070500600000	350 / 700	116	4215 / 7805	23,6 / 50,7
			L150-5080500600000			3955 / 7315	
			L150-50705006000S0			4215 / 7870	23,3 / 49,3
			SPHWH1L5N603YER5A2		120	4375 / 8005	23,5 / 50,2
			JR5050AWT-Q-B50EB0000-N0000001			4025 / 7520	23,6 / 50,7
	4000		L150-4070500600000		116	4260 / 7905	
			L150-4080500600000			3980 / 7380	
			L150-40705006000S0			4215 / 7870	23,3 / 49,3
			SPHWH1L5N603YET5A2		120	4375 / 8005	23,5 / 50,2
			JR5050AWT-Q-B40EB0000-N0000001			4025 / 7520	23,6 / 50,7
	3000		L150-3080500600000		116	3745 / 6970	
			L150-30805006000S0			3675 / 6875	23,3 / 49,3
			SPHWH1L5N605YEV5A2		120	3755 / 6870	23,5 / 50,2
			JR5050AWT-Q-H30EB0000-N0000001			3645 / 6810	23,6 / 50,7

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used as per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-12L5050S-1S2x6

LedLink — LL12CR-CUQXXL

LEDiL — STRADA-IP-2x6, HB-IP-2x6

DARKOO — DK173-12H1

NEO-L-12XL-3S2x2

CREE LED SAMSUNG 166x50 mm | AL 1.6 | Ø3.3 3pcs | 1x12 | 2060-401 | 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12XL-3S2x2	3000	12	XPGDWT-H1-CARH-00HE7	700	125	3085	23,6
			XTEAWT-E0-0000-00000HGE7		115	2830	24,3
			SPHWH2L3D30ED4V0K3 (M1)		120	3085	23,3
	5000		XTEAWT-E0-CSMD-00000BLE3		115	3570	24,3
			SPHWH2L3D30CD4RTP3 (Q1)		120	3745	23,3
			SPHWHTL3D50CE4RTQF	700 / 1500	128	3720 / 6745	25,6 / 59,1
			SPHWHTL3D50CE4RTQF (SB)		128	4200 / 7615	25,6 / 59,1
			XPGDWT-B1-0000-00ME3		125	3815 / 7055	23,6 / 53,3
			XPLBWT-00-CARH-000BV60E3		125	3935 / 7595	22,8 / 51,7

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used as per customer requirements

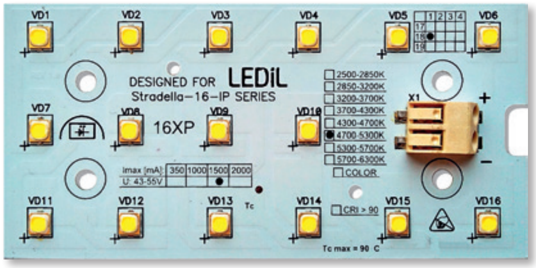
Вторичная оптика, совместимая с модулями NEO-L-12XL-3S2x2

LedLink | LEDiL | DARKOO 达尔科

LL04CR | STRADA-2x2 | DK5050-4H1

NEO-L-16XP-85x41

85x41 mm | AL 1.6 | Ø3.3 4pcs | 1x16 | 2060-402 | 3.45x3.45



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-16XP-85x41	3000	16	XPGDWT-H1-CARH-00HE7	700 / 1050	125	4110 / 5750	31,5 / 48,6
			XTEAWT-E0-0000-00000HGE7		115	3770 / 5190	32,4 / 50,1
			SPHWH2L3D30ED4V0K3 (M1)		120	4110 / 5715	31 / 48,2
	5000		XTEAWT-E0-CSMD-00000BLE3		115	4760 / 6545	32,4 / 50,1
			SPHWH2L3D30CD4RTP3 (Q1)		120	4995 / 6940	31 / 48,2
			XPGDWT-B1-0000-00ME3		125	5085 / 7115	31,5 / 48,6

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used as per customer requirements

Secondary optics compatible with LED modules NEO-L-16XP-85x41

STRADELLA-16-IP

NEO-Q-16XTL

CREE LED SAMSUNG 161x67.5 mm | AL 1.6 | Ø3.5 4pcs | 1x16 | NS2059-301 | 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-16XTL	3000	16	XPGDWT-H1-CARH-00HE7	700	125	3085	23,6
			XTEAWT-E0-0000-00000HGE7		115	2830	24,3
			SPHWH2L3D30ED4V0K3 (M1)		120	3085	23,3
	5000		XTEAWT-E0-CSMD-00000BLE3		115	3570	24,3
			SPHWH2L3D30CD4RTP3 (Q1)		120	3745	23,3
			SPHWHTL3D50CE4RTQF	700 / 1500	128	3720 / 6745	25,6 / 59,1
			SPHWHTL3D50CE4RTQF (SB)			4200 / 7615	25,6 / 59,1
			XPGDWT-B1-0000-00ME3		125	3815 / 7055	23,6 / 53,3
			XPLBWT-00-CARH-000BV60E3			3835 / 7495	22,8 / 51,7

* power and luminous f ux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

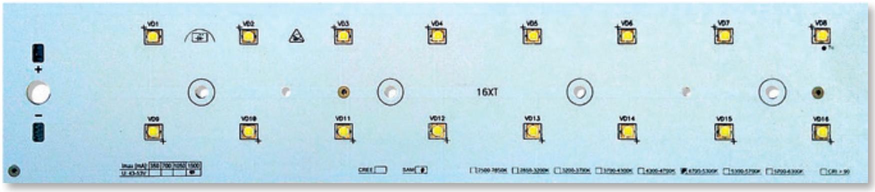
Вторичная оптика, совместимая с модулями NEO-Q-16XTL

LedLink
Linking LEDs to The Real World

LL16SE-BQL45145L51

NEO-L-16XT

231x49 mm | AL 1.6 | Ø3.5 5pcs | 1x16 | 3.45x3.45



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-16XT	3000	16	XPGDWT-H1-CARH-00HE7	700	125	3085	23,6
			XTEAWT-E0-0000-00000HGE7		115	2830	24,3
			SPHWH2L3D30ED4V0K3 (M1)		120	3085	23,3
	5000		XTEAWT-E0-CSMD-00000BLE3		115	3570	24,3
			SPHWH2L3D30CD4RTP3 (Q1)	700 / 1500	120	3745	23,3
			SPHWHTL3D50CE4RTQF		128	3720 / 6745	25,6 / 59,1
			SPHWHTL3D50CE4RTQF (SB)			4200 / 7615	25,6 / 59,1
			XPGDWT-B1-0000-00ME3		125	3815 / 7055	23,6 / 53,3
			XPLBWT-00-CARH-000BV60E3			3935 / 7595	22,8 / 51,7

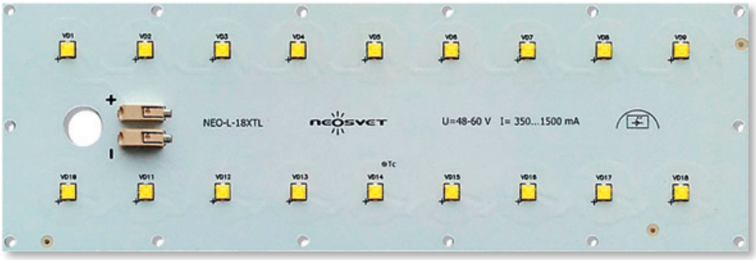
* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-16XT

DK252-16H1

NEO-L-18XTL

CREE LED SAMSUNG 195.8x65.8 mm | AL 1.6 | Ø2.8 14pcs | 1x18 | 2060-401 | 3.45x3.45



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-18XTL	3000	18	XPGDWT-H1-CARH-00HE7	700	125	4625	35,4
			XTEAWT-E0-0000-00000HGE7		115	4245	36,4
			SPHWH2L3D30ED4V0K3 (M1)		120	4625	34,9
	5000		XTEAWT-E0-CSMD-00000BLE3		115	5355	36,4
			SPHWH2L3D30CD4RTP3 (Q1)		120	5615	34,9
			SPHWHTL3D50CE4RTQF	700 / 1500	128	5580 / 10115	38,4 / 88,6
			SPHWHTL3D50CE4RTQF (SB)		128	6300 / 11420	38,4 / 88,6
			XPGDWT-B1-0000-00ME3		125	5725 / 10585	35,4 / 80
			XPLBWT-00-CARH-000BV60E3		125	6850 / 11345	34,3 / 77,5

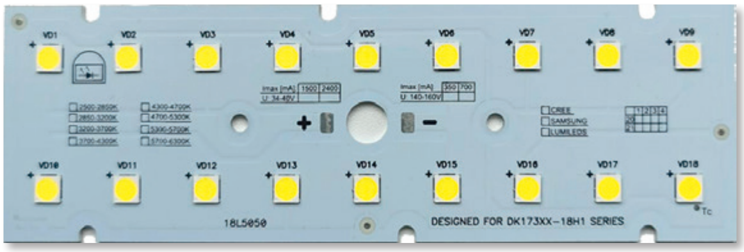
* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-18XTL

LL18SE-CBZ50150L51

NEO-L-18L5050

146x46 mm | AL 1.6 | Ø3.3 2pcs | 3x6 | 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85° C)	Typical power, W*
NEO-L-18L5050	5000	18	L150-5070500600000	1050 / 1500	116	6325 / 8715	35,5 / 52,3
			L150-5080500600000			5930 / 8170	
			L150-50705006000S0			6325 / 8750	34,9 / 51, 2
			SPHWH1L5N603YER5A2		120	6565 / 9045	35,2 / 51,9
			JR5050AWT-Q-B50EB0000-N0000001			6040 / 8375	35,4 / 52,2
	4000		L150-4070500600000		116	6395 / 8820	35,5 / 52,3
			L150-4080500600000			5970 / 8230	
			L150-40705006000S0			6325 / 8750	34,9 / 51, 2
			SPHWH1L5N603YET5A2		120	6565 / 9045	35,2 / 51,9
			JR5050AWT-Q-B40EB0000-N0000001			6040 / 8375	35,4 / 52,2
	3000		L150-3080500600000		116	5615 / 7760	35,5 / 52,3
			L150-30805006000S0			5515 / 7640	34,9 / 51,2
			SPHWH1L5N605YEV5A2		120	5630 / 7765	35,2 / 51,9
			JR5050AWT-Q-H30EB0000-N0000001			5470 / 7590	35,4 / 52,2
	5000		L150-5070502400000	300 / 350	116	6910 / 7955	41 / 48,6
			SPHWH1L5N603XER5A2		120	7300 / 8405	40 / 47,6
			JR5050AWT-Q-B50EH0000-N0000001			6740 / 7780	41,6 / 49,3
			RF-Q50SA50A-24-H8			6855 / 7910	40,8 / 48,6
	4000		L150-4070502400000		116	6530 / 7520	41 / 48,6
			SPHWH1L5N603XET5A2		120	7300 / 8405	40 / 47,6
			JR5050AWT-Q-B40EH0000-N0000001			6740 / 7780	41,6 / 49,3
			RF-Q50SA40A-24-H8			6855 / 7910	40,8 / 48,6
	3000		L150-3080502400000		116	6350 / 7320	41 / 48,6
			SPHWH1L5N605XEV5A2		120	6265 / 7215	40 / 47,6
			JR5050AWT-Q-B30EH0000-N0000001			6415 / 7410	41,6 / 49,3

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-18L5050

DARKOO 达尔科

DK173-18H1

NEO-Q-24L5050-99x99

CREE LED SAMSUNG 99x99 mm | AL 1.6 | Ø3.3 4pcs | 1x24 | 5050

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85° C)	Typical power, W*
NEO-Q-24L5050-99x99	5000	24	L150-5070500600000	350 / 700	116	8435 / 15610	47,3 / 101,5
			L150-5080500600000			7910 / 14635	
			L150-50705006000S0			8435 / 15740	46,6 / 98,7
			SPHWH1L5N603YER5A2		120	8750 / 16015	47 / 100,4
			JR5050AWT-Q-B50EB0000-N0000001			8055 / 15040	47,2 / 101
	4000		L150-4070500600000		116	8525 / 15810	47,3 / 101,5
			L150-4080500600000			7960 / 14760	
			L150-40705006000S0			8435 / 15740	46,6 / 98,7
			SPHWH1L5N603YET5A2		120	8750 / 16015	47 / 100,4
			JR5050AWT-Q-B40EB0000-N0000001			8055 / 15040	47,2 / 101
	3000		L150-3080500600000		116	7490 / 13940	47,3 / 101,5
			L150-30805006000S0			7355 / 13755	46,6 / 98,7
			SPHWH1L5N605YEV5A2		120	7510 / 13745	47 / 100,4
			JR5050AWT-Q-H30EB0000-N0000001			7295 / 13625	47,2 / 101

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

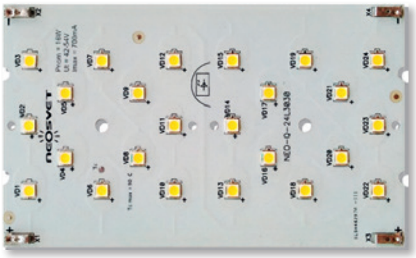
Вторичная оптика, совместимая с модулями NEO-Q-24L5050-99x99

DARKOO® 达尔科

DK120-24H1

NEO-L-24L3030-100x60mm

CREE LED SAMSUNG 100x60 mm AL 1.6 Ø3.3 4pcs 3x8 NS212 SMD 3030



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-24L3030-100x60mm	5000	24	L130-5070003000W21	350 / 700	116	2670 / 4730	16,3 / 35,7
			L130-5080003000W21			2515 / 4595	
			L130-5070003000X21			2670 / 4830	16,4 / 36
			L130-5080003000X21			2550 / 4690	
			JK3030AWT-P-B50EB0000-N0000001		120	2610 / 4790	16,3 / 35,2
			SPMWH3326FP5GAR0S0	350 / 600		2430 / 3860	16,4 / 30
			SPMWH3327FS3GAR0SF			2840 / 4470	16,5 / 30,4
	4000		L130-4070003000W21	350 / 700	116	2720 / 4845	16,3 / 35,7
			L130-4080003000W21			2485 / 4570	
			L130-4070003000X21			2670 / 4830	16,4 / 36
			L130-4080003000X21			2530 / 4605	
			JK3030AWT-P-B40EB0000-N0000001		120	2610 / 4790	16,3 / 35,2
			SPMWH3326FP5GAT0S0	350 / 600		2395 / 3805	16,4 / 30
	3000		L130-3080003000W21	350 / 700	116	2390 / 4340	16,3 / 35,7
			L130-3080003000X21			2435 / 4420	16,4 / 36
			JK3030AWT-P-B30EB0000-N0000001		120	2460 / 4515	16,3 / 35,2
			SPMWH3326FP5GAV0S0	350 / 600		2300 / 3655	16,4 / 30
	5000		L130-5080HA3000001	350/700/ 1050	116	1435 / 2725 / 3945	7,7 / 16,2 / 25,5
			SPMWH3326MP5WAR0S0		120	1345 / 2535 / 3600	7,7 / 16,3 / 25,8
			SPMWH3326MS5WAR0SD			1440 / 2765 / 3990	7,7 / 16,4 / 26,1
			JK3030AWT-P-H50EACDST-N0000001			1215 / 2265 / 3195	7,7 / 16,3 / 25,9
	4000		L130-4080HA3000001		116	1435 / 2725 / 3945	7,7 / 16,2 / 25,5
			SPMWH3326MP5WAT0S0		120	1325 / 2495 / 3545	7,7 / 16,3 / 25,8
			SPMWH3326MS5WAT0SD			1410 / 2715 / 3915	7,7 / 16,4 / 26,1
			JK3030AWT-P-H40EA0000-N0000001			1215 / 2265 / 3195	7,7 / 16,3 / 25,9
	3000		L130-3080HA3000001		116	1355 / 2575 / 3730	7,7 / 16,2 / 25,5
			SPMWH3326MP5WAV3S0		120	1260 / 2375 / 3370	7,7 / 16,3 / 25,8
			SPMWH3326MS5WAV0SD			1330 / 2560 / 3695	7,7 / 16,4 / 26,1
			JK3030AWT-P-H30EA0000-N0000001			1140 / 2120 / 2990	7,7 / 16,3 / 25,9

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

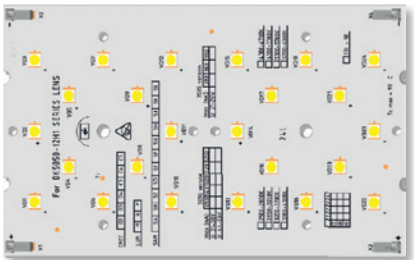
Вторичная оптика, совместимая с модулями NEO-L-24L3030-100x60mm

LedLink
Linking LEDs to The Real World

LL12ZZ-CRC

NEO-L-24L3030D-100x60mm

CREE LED SAMSUNG 100x60 mm | AL 1.6 | Ø3.3 4pcs | 3x8 | NS212 | SMD 3030



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-24L3030D-100x60mm	5000	24	L130-5070003000W21	350 / 700	116	2670 / 4730	16,3 / 35,7
			L130-5080003000W21			2515 / 4595	
			L130-5070003000X21			2670 / 4830	16,4 / 36
			L130-5080003000X21			2550 / 4690	
			JK3030AWT-P-B50EB0000-N0000001		120	2610 / 4790	16,3 / 35,2
			SPMWH3326FP5GAR0S0	350 / 600		2430 / 3860	16,4 / 30
			SPMWH3327FS3GAR0SF			2840 / 4470	16,5 / 30,4
	4000		L130-4070003000W21	350 / 700	116	2720 / 4845	16,3 / 35,7
			L130-4080003000W21			2485 / 4570	
			L130-4070003000X21			2670 / 4830	16,4 / 36
			L130-4080003000X21			2530 / 4605	
			JK3030AWT-P-B40EB0000-N0000001		120	2610 / 4790	16,3 / 35,2
			SPMWH3326FP5GAT0S0	350 / 600		2395 / 3805	16,4 / 30
	3000		L130-3080003000W21	350 / 700	116	2390 / 4340	16,3 / 35,7
			L130-3080003000X21			2435 / 4420	16,4 / 36
			JK3030AWT-P-B30EB0000-N0000001		120	2460 / 4515	16,3 / 35,2
			SPMWH3326FP5GAV0S0	350 / 600		2300 / 3655	16,4 / 30
	5000		L130-5080HA3000001	350/700/ 1050	116	1435 / 2725 / 3945	7,7 / 16,2 / 25,5
			SPMWH3326MP5WAR0S0		120	1345 / 2535 / 3600	7,7 / 16,3 / 25,8
			SPMWH3326MS5WAR0SD			1440 / 2765 / 3990	7,7 / 16,4 / 26,1
			JK3030AWT-P-H50EACDST-N0000001			1215 / 2265 / 3195	7,7 / 16,3 / 25,9
	4000		L130-4080HA3000001		116	1435 / 2725 / 3945	7,7 / 16,2 / 25,5
			SPMWH3326MP5WAT0S0		120	1325 / 2495 / 3545	7,7 / 16,3 / 25,8
			SPMWH3326MS5WAT0SD			1410 / 2715 / 3915	7,7 / 16,4 / 26,1
			JK3030AWT-P-H40EA0000-N0000001			1215 / 2265 / 3195	7,7 / 16,3 / 25,9
	3000		L130-3080HA3000001		116	1355 / 2575 / 3730	7,7 / 16,2 / 25,5
			SPMWH3326MP5WAV3S0		120	1260 / 2375 / 3370	7,7 / 16,3 / 25,8
			SPMWH3326MS5WAV0SD			1330 / 2560 / 3695	7,7 / 16,4 / 26,1
			JK3030AWT-P-H30EA0000-N0000001			1140 / 2120 / 2990	7,7 / 16,3 / 25,9

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

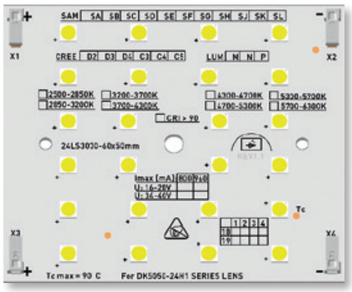
Secondary optics compatible with LED modules NEO-L-24L3030D-100x60mm

DARKOO® 达尔科

DK5050-12H1

NEO-Q-24LS3030-60x50

CREE LED SAMSUNG 60x50 mm AL 1.6 Ø3 2pcs 4x6 NS212 SMD 3030



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-24LS3030-60x50	5000	24	L130-5070003000W21	350 / 700	116	2080 / 3745	11,9 / 25,6
			L130-5080003000W21			1940 / 3590	
			L130-5070003000X21		116	2075 / 3790	12 / 25,8
			L130-5080003000X21			1965 / 3655	
			JK3030AWT-P-B50EB0000-N0000001		120	2005 / 3745	12 / 25,4
			SPMWH3326FP5GAR0S0			1885 / 3440	12 / 25,7
			SPMWH3327FS3GAR0SF			2200 / 4015	12 / 26
	4000		L130-4070003000W21		116	2115 / 3825	11,9 / 25,6
			L130-4080003000W21			1910 / 3560	
			L130-4070003000X21			2075 / 3790	12 / 25,8
			L130-4080003000X21			1960 / 3605	
			JK3030AWT-P-B40EB0000-N0000001		120	2005 / 3745	12 / 25,4
			SPMWH3326FP5GAT0S0			1855 / 3390	12 / 27,7
	3000		L130-3080003000W21		116	1850 / 3400	11,9 / 25,6
			L130-3080003000X21			1885 / 3460	12 / 25,8
			JK3030AWT-P-B30EB0000-N0000001		120	1885 / 3530	12 / 25,4
			SPMWH3326FP5GAV0S0			1785 / 3260	12 / 25,7
	5000		L130-5080HA3000001	350/700/ 1050	116	1095 / 2090 / 3045	5,7 / 11,8 / 18,5
			SPMWH3326MP5WAR0S0		120	1025 / 1960 / 2815	5,7 / 11,9 / 18,7
			SPMWH3326MS5WAR0SD			1090 / 2115 / 3090	5,7 / 11,9 / 18,8
			JK3030AWT-P-H50EACDST-N0000001			930 / 1760 / 2515	5,7 / 11,9 / 18,7
	4000		L130-4080HA3000001		116	1095 / 2090 / 3045	5,7 / 11,8 / 18,5
			SPMWH3326MP5WAT0S0		120	1010 / 1930 / 2775	5,7 / 11,9 / 18,7
			SPMWH3326MS5WAT0SD			1070 / 2075 / 3030	5,7 / 11,9 / 18,8
			JK3030AWT-P-H40EA0000-N0000001			930 / 1760 / 2515	5,7 / 11,9 / 18,7
	3000		L130-3080HA3000001		116	1030 / 1975 / 2880	5,7 / 11,8 / 18,5
			SPMWH3326MP5WAV3S0		120	960 / 1835 / 2635	5,7 / 11,9 / 18,7
			SPMWH3326MS5WAV0SD			1010 / 1960 / 2860	5,7 / 11,9 / 18,8
			JK3030AWT-P-H30EA0000-N0000001			870 / 1645 / 2350	5,7 / 11,9 / 18,7

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Secondary optics compatible with LED modules NEO-Q-24LS3030-60x50

DARKOO 达尔科

DK5050-24H1

NEO-L-24XPL

CREE LED SAMSUNG 117x97 mm AL 1.6 Ø3.5 10pcs 1x24 3.45x3.45

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-24XPL	3000	24	XPGDWT-H1-CARH-00HE7	700	125	6170	47,2
			XTEAWT-E0-0000-00000HGE7		115	5660	48,6
			SPHWH2L3D30ED4V0K3 (M1)		120	6170	46,6
	5000		XTEAWT-E0-CSMD-00000BLE3		115	7140	48,6
			SPHWH2L3D30CD4RTP3 (Q1)		120	7490	46,6
			SPHWHTL3D50CE4RTQF	700 / 1500	128	7440 / 13490	51,2 / 118,2
			SPHWHTL3D50CE4RTQF (SB)		128	8400 / 15230	51,2 / 118,2
			XPGDWT-B1-0000-00ME3		125	7630 / 14110	47,2 / 107
			XPLBWT-00-CARH-000BV60E3		125	7765 / 15095	45,7 / 103

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

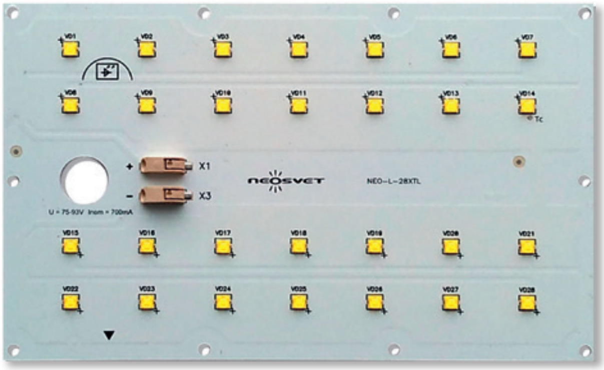
Вторичная оптика, совместимая с модулями NEO-L-24XPL

LedLink
Linking LEDs to The Real World

LL24CR-AU75135L02

NEO-L-28XTL

CREE LED SAMSUNG 155.8x95.8 mm | AL 1.6 | Ø3.0 10pcs | 1x28 | 2060-401 | 3.45x3.45



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-28XTL	3000	28	XPGDWT-H1-CARH-00HE7	350 / 700	125	3890 / 7195	26,5 / 55,1
			XTEAWT-E0-0000-00000HGE7		115	3640 / 6600	27,1 / 56,7
			SPHWH2L3D30ED4V0K3 (M1)		120	3920 / 7195	26 / 54,3
	5000		XTEAWT-E0-CSMD-00000BLE3		115	4590 / 8330	27,1 / 56,7
			SPHWH2L3D30CD4RTP3 (Q1)		120	4760 / 8740	26 / 54,3
			SPHWHTL3D50CE4RTQF	700 / 1500	128	8680 / 15740	59,8 / 137,9
			SPHWHTL3D50CE4RTQF (SB)		128	9800 / 17770	59,8 / 137,9
			XPGDWT-B1-0000-00ME3		125	8905 / 16465	55,1 / 124
			XPLBWT-00-CNFL-A00BV50E3		125	8945 / 17495	53,3 / 121

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

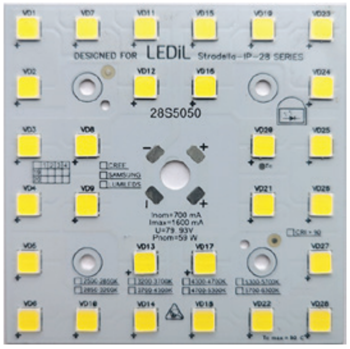
Вторичная оптика, совместимая с модулями NEO-L-28XTL

LedLink
Linking LEDs to The Real World

LL28SE-CBZ50150L51

NEO-Q-28S5050-76x76

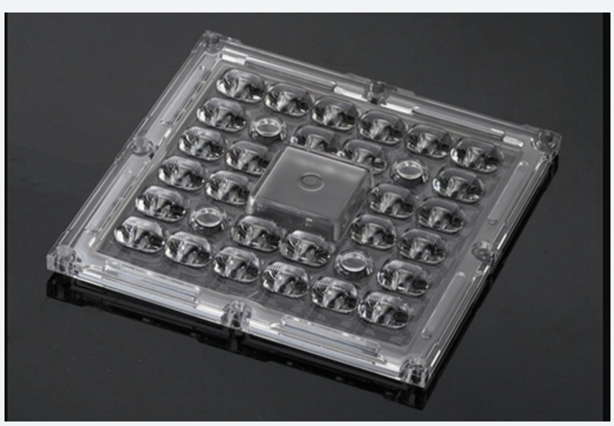
76x76 mm | AL 1.6 | Ø3.2 4pcs | 2x14 | 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-Q-28S5050-76x76	5000	28	L150-5070500600000	700 / 1400	116	9845 / 18215	55,1 / 118,4
			L150-5080500600000			9230 / 17075	
			L150-50705006000S0		116	9840 / 18360	54,3 / 115,1
			SPHWH1L5N603YER5A2		120	10210 / 18685	54,8 / 117,1
			JR5050AWT-Q-B50EB0000-N0000001			9395 / 17550	55 / 118
	4000		L150-4070500600000		116	9950 / 18450	55,1 / 118,4
			L150-4080500600000			9285 / 17220	
			L150-40705006000S0			9840 / 18360	54,3 / 115,1
			SPHWH1L5N603YET5A2		120	10210 / 18685	54,8 / 117,1
			JR5050AWT-Q-B40EB0000-N0000001			9395 / 17550	55 / 118
	3000		L150-3080500600000		116	8740 / 16260	55,1 / 118,4
			L150-30805006000S0			8580 / 16045	54,3 / 115,1
			SPHWH1L5N605YEV5A2		120	8765 / 16035	54,8 / 117,1
			JR5050AWT-Q-H30EB0000-N0000001			8510 / 15895	55 / 118

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-Q-28S5050-76x76

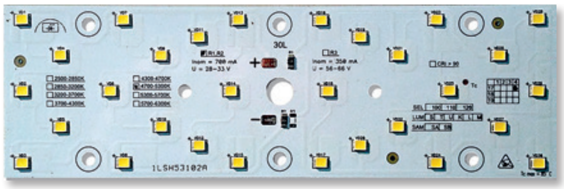


LEDiL	DARKOO 达尔科
FLORENCE-3R	DK286X61-XX-33H1

STREET AND INDUSTRIAL LIGHTING

NEO-L-30LS2835-146x46

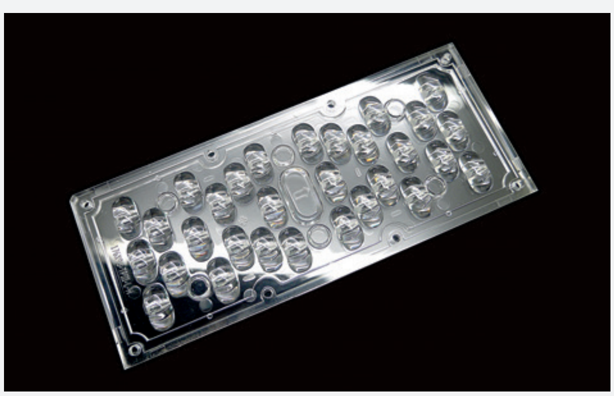
146x46 mm | AL 1.0 | Ø3.5 6pcs | 6x5 | 3x10 | SMD 2835



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-30LS2835-146x46	5000	30	L128-5080CA3500001	700 / 1050	120	1670 / 2360	10,2 / 16,1
			L128-5080HA3500001	700 / 1050 / 1400		1725 / 2515 / 3280	9,6 / 14,8 / 20,2
			L128-5095HA3500001			1350 / 1975 / 2575	
	4000		L128-4080CA3500001	700 / 1050		1655 / 2345	10,2 / 16,1
			L128-4080HA3500001	700 / 1050 / 1400		1710 / 2495 / 3250	9,6 / 14,8 / 20,2
			L128-4095HA3500001			1345 / 1970 / 2565	
	3000		L128-3080CA3500001	700 / 1050		1580 / 2240	10,2 / 16,1
			L128-3080HA3500001	700 / 1050 / 1400		1610 / 2350 / 3055	9,6 / 14,8 / 20,2
			L128-3095HA3500001			1240 / 1815 / 2360	
	5000		SPMWH1228MD5WAR0VK	700 / 1050		1730 / 2515	10,1 / 15,6
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			1520 / 2105	9,9 / 15,4
			SPMWH1228FD7WAR0SE			1285 / 1785	
	4000		SPMWH1228MD5WAT0VK			1705 / 2480	10,1 / 15,6
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			1500 / 2075	9,9 / 15,4
			SPMWH1228FD7WAT0SE			1265 / 1755	
	3000		SPMWH1228MD5WAV0VK			1635 / 2380	10,1 / 15,6
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			1425 / 1970	9,9 / 15,4
			SPMWH1228FD7WAV0SE			1200 / 1670	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	700 / 1050 / 1400		1650 / 2370 / 3030	10,2 / 15,9 / 22,1
	4000		JE2835BWT-P-H40EACSMD-N00A0001			1650 / 2370 / 3030	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			1545 / 2215 / 2835	
	5000		L128-5080CB3500001	700 / 1050		2940 / 4150	20,4 / 32,1
			JK2835AWT-P-H50EB0000-N0000001			3190 / 4570	20,4 / 31,9
			SPMWH1221FQ5GBR0SB	700		3020	20,5
	4000		L128-4080CB3500001	700 / 1050		2955 / 4160	20,4 / 32,1
			JK2835AWT-P-H40EB0000-N0000001			3190 / 4570	20,4 / 31,9
			SPMWH1221FQ5GBT0SB	700		2975	20,5
	3000		L128-3080CB3500001	700 / 1050		2830 / 3990	20,4 / 32,1
			JK2835AWT-P-H30EB0000-N0000001			3190 / 4570	20,4 / 31,9
			SPMWH1221FQ5GBV0SB	700		2845	20,5

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-30LS2835-146x46



DARKOO® 达尔科

DK173-30H1

NEO-L-33LS2835-F

280x55 mm | AL 1.0 | Ø3.3 4pcs | 3x11 | 2060-401 | 2060-402

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
	5000		SEL-2835-5-3V150			1550/1745/1950	10,7/12,7/14,6
			SPMWH1228FD5WAR0SE			1495/1715/1905	9,7/11,4/13,1
			L128-5080CA3500001			1555/1785/1990	10/11,8/13,6
	4000		SEL-2835-4-3V150			1515/1705/1905	10,7/12,7/14,6
NEO-L-33LS2835-F		33	SPMWH1228FD5WAT0SE	300/350/400	120	1520/1740/1935	9,7/11,4/13,1
			L128-4080CA3500001			1485 / 2825 / 4090	10/11,8/13,6
	3000		SEL-2835-3-3V150			1740/1655/1850	10,7/12,7/14,6
			SPMWH1228FD5WAV0SE			1440/1650/1835	9,7/11,4/13,1
			L128-3080CA3500001			1450/1665/1860	10/11,8/13,6

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-33LS2835-F

LEDiL	DARKOO
FLORENCE-3R	DK286X61-xx-33H1

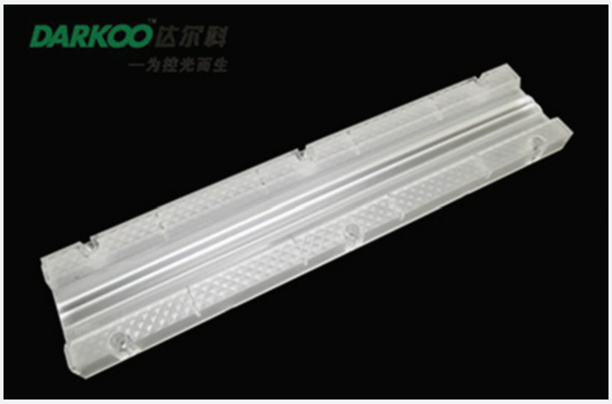
NEO-L-33LS2835-277x41

SAMSUNG | CREE LED | 277x41mm | AL 1.6 | Ø3.3 6pcs | 3x11 | NS212 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-33LS2835-277x41	5000	33	L128-5080CA3500001	350 / 700	120	1835 / 3300	11,3 / 24,7
			L128-5080HA3500001			1900 / 3605 / 5225	10,6 / 22,2 / 35
			L128-5095HA3500001			1485 / 2825 / 4085	
	4000		L128-4080CA3500001			1825 / 3270	11,3 / 24,7
			L128-4080HA3500001			1885 / 3575 / 5180	10,6 / 22,2 / 35
			L128-4095HA3500001			1485 / 2825 / 4090	
	3000		L128-3080CA3500001			1740 / 3125	11,3 / 24,7
			L128-3080HA3500001			1775 / 3375 / 4890	10,6 / 22,2 / 35
			L128-3095HA3500001			1370 / 2600 / 3760	
	5000		SPMWH1228MD5WAR0VK	350 / 525		1900 / 2765	11,1 / 17,1
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			1675 / 2315	10,9 / 17
			SPMWH1228FD7WAR0SE			1415 / 1965	
	4000		SPMWH1228MD5WAT0VK			1875 / 2730	11,1 / 17,1
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			1650 / 2285	10,9 / 17
			SPMWH1228FD7WAT0SE			1390 / 1930	
	3000		SPMWH1228MD5WAV0VK			1795 / 2615	11,1 / 17,1
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			1575 / 2170	10,9 / 17
			SPMWH1228FD7WAV0SE			1330 / 1835	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	350 / 525 / 700		1815 / 2605 / 3335	11,2 / 17,5 / 24,3
	4000		JE2835BWT-P-H40EACSMD-N00A0001			1815 / 2605 / 3335	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			1700 / 2435 / 3115	
	5000		L128-5080CB3500001	350 / 525 /700		3235 / 4565 / 5800	22,5 / 35,3 / 49,2
			JK2835AWT-P-H50EB0000-N0000001			3510 / 5030 / 6420	22,4 / 35,1 / 48,5
			SPMWH1221FQ5GBR0SB	350 / 450		3320 / 4045	22,5 / 29,8
	4000		L128-4080CB3500001	350 / 525 /700		3250 / 4580 / 5800	22,5 / 35,3 / 49,2
			JK2835AWT-P-H40EB0000-N0000001			3510 / 5030 / 6420	22,4 / 35,1 / 48,5
			SPMWH1221FQ5GBT0SB	350 / 450		3270 / 3990	22,5 / 29,8
	3000		L128-3080CB3500001	350 / 525 / 700		3110 / 4390 / 5565	22,5 / 35,3 / 49,2
			JK2835AWT-P-H30EB0000-N0000001			3330 / 4765 / 6085	22,4 / 35,1 / 48,5
			SPMWH1221FQ5GBV0SB	350 / 450		3130 / 3810	22,5 / 29,8

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-33LS2835-277x41



DARKOO® 达尔科

DK285x61

NEO-L-33S5630G3-F

SAMSUNG | 280x55 mm | AL 1.0 | Ø3.3 4pcs | 3x11 | 2060-402 | SMD 5630

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-33S5630G3-F	5000	33	SPMWHT541ML5XAR0S6	350 / 400 / 525	120	1980 / 2225 / 2855	11,1 / 12,8, 17,2
	4000		SPMWHT541ML5XAT0S6			1925 / 2165 / 2780	
	3000		SPMWHT541ML5XAV0S6			1850 / 2075 / 2665	

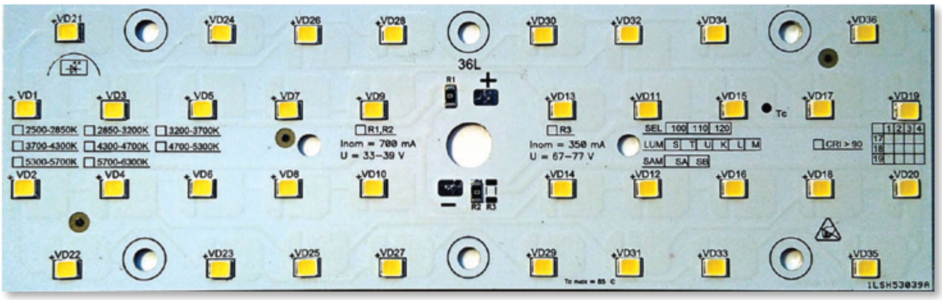
* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-33S5630G3-F

LedLink	DARKOO
FLORENCE	DK286X61-XX-33H1

NEO-L-36L2835-146x46

146x46 mm | AL 1.0 | Ø3.3 6pcs | 6x6 | 3x12 | SMD 2835



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85° C)	Typical power, W*
NEO-L-36L2835-146x46	5000	36	L128-5080CA3500001	700 / 1050	120	2000 / 2835	12,3 / 19,3
			L128-5080HA3500001	700 / 1050 / 1400		2075 / 3020 / 3935	11,5 / 17,7 / 24,2
			L128-5095HA3500001			1620 / 2370 / 3095	
	4000		L128-4080CA3500001	700 / 1050		1990 / 2810	12,3 / 19,3
			L128-4080HA3500001	700 / 1050 / 1400		2055 / 2995 / 3900	11,5 / 17,7 / 24,2
			L128-4095HA3500001			1620 / 2360 / 3080	
	3000		L128-3080CA3500001	700 / 1050		1900 / 2685	12,3 / 19,3
			L128-3080HA3500001	700 / 1050 / 1400		1935 / 2820 / 3680	11,5 / 17,7 / 24,2
			L128-3095HA3500001			1495 / 2175 / 2835	
	5000		SPMWH1228MD5WAR0VK	700 / 1050		2075 / 3025	12,1 / 18,7
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			1825 / 2530	11,9 / 18,5
	4000		SPMWH1228FD7WAR0SE			1545 / 2150	
			SPMWH1228MD5WAT0VK			2045 / 2985	12,1 / 18,7
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			1800 / 2495	11,9 / 18,5
			SPMWH1228FD7WAT0SE			1515 / 2110	
	3000		SPMWH1228MD5WAV0VK			1960 / 2860	12,1 / 18,7
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			1715 / 2370	11,9 / 18,5
			SPMWH1228FD7WAV0SE			1440 / 2005	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	700 / 1050 / 1400		1980 / 2845 / 3635	12,2 / 19,1 / 26,5
	4000		JE2835BWT-P-H40EACSMD-N00A0001			1980 / 2845 / 3635	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			1850 / 2660 / 3400	
	5000		L128-5080CB3500001	700 / 1050		3525 / 4980	24,5 / 38,5
			JK2835AWT-P-H50EB0000-N0000001			3830 / 5485	24,4 / 38,3
			SPMWH1221FQ5GBR0SB	700		3620	24,6
	4000		L128-4080CB3500001	700 / 1050		3550 / 4995	24,5 / 38,5
			JK2835AWT-P-H40EB0000-N0000001			3830 / 5485	24,4 / 38,3
			SPMWH1221FQ5GBT0SB	700		3570	24,6
	3000		L128-3080CB3500001	700 / 1050		3395 / 4785	24,5 / 38,5
			JK2835AWT-P-H30EB0000-N0000001			3630 / 5200	24,4 / 38,3
			SPMWH1221FQ5GBV0SB	700		3410	24,6

* power and luminous flux are measured at the same Tj of LEDs

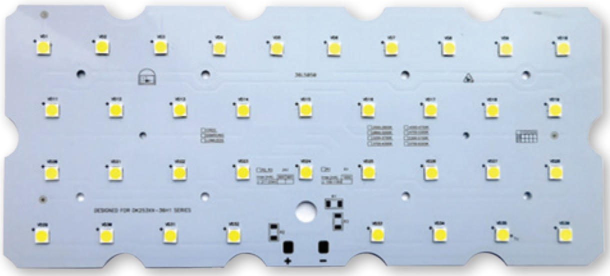
Вторичная оптика, совместимая с модулями NEO-L-36LS2835-146x46

DK36-173H1

NEO-L-36L5050

SAMSUNG | CREE LED | REFOND

238.4x105.4 mm | AL 1.5 | Ø3.3 10pcs | 4x9 | 2x18 | 5050



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-36L5050	5000	36	L150-5070500600000	700 / 1400	116	12655 / 23420	70,9 / 152,2
			L150-5080500600000			11865 / 21955	
			L150-50705006000S0			12650 / 23610	69,9 / 148
			SPHWH1L5N603YER5A2		120	13130 / 24025	70,5 / 150,6
			JR5050AWT-Q-B50EB0000-N0000001	350 / 700		12080 / 22565	70,8 / 152
	4000		L150-4070500600000		116	12790 / 23720	70,9 / 152,2
			L150-4080500600000			11940 / 22140	
			L150-40705006000S0			12650 / 23610	69,9 / 148
			SPHWH1L5N603YET5A2		120	13130 / 24025	70,5 / 150,6
			JR5050AWT-Q-B40EB0000-N0000001			12080 / 22565	70,8 / 152
	3000		L150-3080500600000		116	11235 / 20910	70,9 / 152,2
			L150-30805006000S0			11030 / 20630	69,9 / 148
			SPHWH1L5N605YEV5A2		120	11270 / 20620	70,5 / 150,6
			JR5050AWT-Q-H30EB0000-N0000001			10945 / 20440	70,8 / 152
	5000		L150-5070502400000		116	12305 / 22650	71,3 / 152,2
			SPHWH1L5N603XER5A2		120	12980 / 23940	69,5 / 150,2
			JR5050AWT-Q-B50EH0000-N0000001			11970 / 22280	72,5 / 153
			RF-Q50SA50A-24-H8			12195 / 22485	71 / 153
	4000		L150-4070502400000		116	11620 / 21435	71,3 / 152,2
			SPHWH1L5N603XET5A2		120	12980 / 23940	69,5 / 150,2
			JR5050AWT-Q-B40EH0000-N0000001			11970 / 22280	72,5 / 153
			RF-Q50SA40A-24-H8			12195 / 22485	71 / 153
	3000		L150-3080502400000		116	11295 / 20910	71,3 / 152,2
			SPHWH1L5N605XEV5A2		120	11140 / 20550	69,5 / 150,2
			JR5050AWT-Q-B30EH0000-N0000001			11400 / 21220	72,5 / 153

* power and luminous flux are measured at the same Tj of LEDs

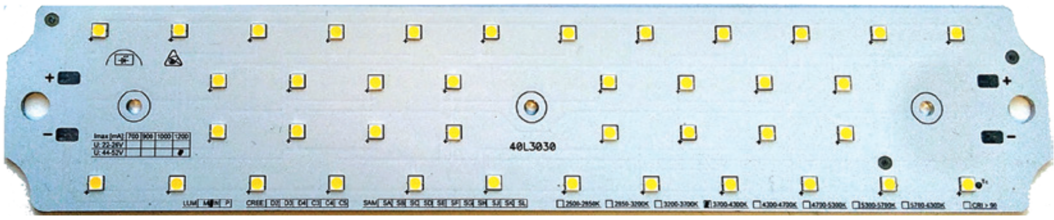
Вторичная оптика, совместимая с модулями NEO-L-36L5050

DARKOO® 达尔科

DK253X120-36H1

NEO-L-40L3030

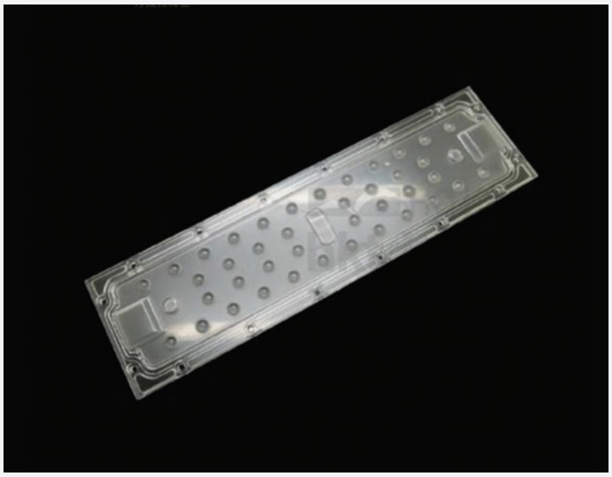
SAMSUNG | CREE LED | 239,4X47 mm | AL 1.5 | Ø3.3 3pcs | 5x8 | SMD 3030



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-40L3030	5000	40	L130-5070003000W21	350/700/ 1050	116	2835 / 5180 / 7250	15,5 / 33,2 / 52,7
			L130-5080003000W21			2620 / 4915 / 7005	
			L130-5070003000X21			2805 / 5215 / 7375	15,7 / 33,5 / 53,1
			L130-5080003000X21			2645 / 5005 / 7145	
			JK3030AWT-P-B50EB0000-N0000001		120	2690 / 5120 / 7315	15,6 / 33 / 52
			SPMWH3326FP5GAR0S0	350 / 700		2540 / 4745	15,7 / 33,4
			SPMWH3327FS3GAR0SF			2965 / 5545	15,6 / 33,6
	4000		L130-4070003000W21	350/700/ 1050	116	2875 / 5280 / 7420	15,5 / 33,2 / 52,7
			L130-4080003000W21			2570 / 4865 / 6960	
			L130-4070003000X21			2805 / 5215 / 7375	15,7 / 33,5 / 53,1
			L130-4080003000X21			2645 / 4955 / 7025	
			JK3030AWT-P-B40EB0000-N0000001		120	2535 / 4825 / 6890	15,6 / 33 / 52
			SPMWH3326FP5GAT0S0	350 / 700		2505 / 4675	15,7 / 33,4
	3000		L130-3080003000W21	350/700/ 1050	116	2500 / 4665 / 6630	15,5 / 33,2 / 52,7
			L130-3080003000X21			2545 / 4755 / 6745	15,7 / 33,5 / 53,1
			JK3030AWT-P-B30EB0000-N0000001		120	2535 / 4825 / 6890	15,6 / 33 / 52
			SPMWH3326FP5GAV0S0	350 / 700		2405 / 4490	15,7 / 33,4
	5000		L130-5080HA3000001	700 / 1400	116	2830 / 5375	15,5 / 33,1
			SPMWH3326MP5WAR0S0		120	2655 / 4965	15,6 / 33,4
			SPMWH3326MS5WAR0SD			2850 / 5460	15,6 / 33,6
			JK3030AWT-P-H50EACDST-N0000001			2395 / 4425	15,6 / 33,5
	4000		L130-4080HA3000001		116	2830 / 5375	15,5 / 33,1
			SPMWH3326MP5WAT0S0		120	2615 / 4890	15,6 / 33,4
			SPMWH3326MS5WAT0SD			2795 / 5355	15,6 / 33,6
			JK3030AWT-P-H40EA0000-N0000001			2395 / 4425	15,6 / 33,5
	3000		L130-3080HA3000001		116	2675 / 5085	15,5 / 33,1
			SPMWH3326MP5WAV3S0		120	2490 / 4650	15,6 / 33,4
			SPMWH3326MS5WAV0SD			2640 / 5050	15,6 / 33,6
			JK3030AWT-P-H30EA0000-N0000001			2240 / 4135	15,6 / 33,5

* power and luminous flux are measured at the same Tj of LEDs
Other types of LEDs with equivalent PADs can be used at per customer requirements

Вторичная оптика, совместимая с модулями NEO-L-40L3030

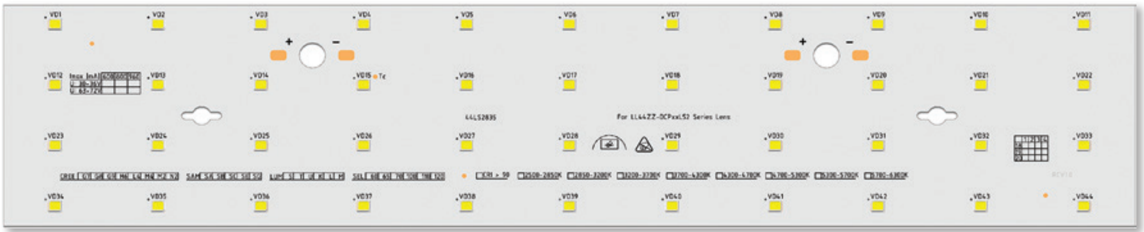


DARKOO® 达尔科

40H1

NEO-L-44LS2835

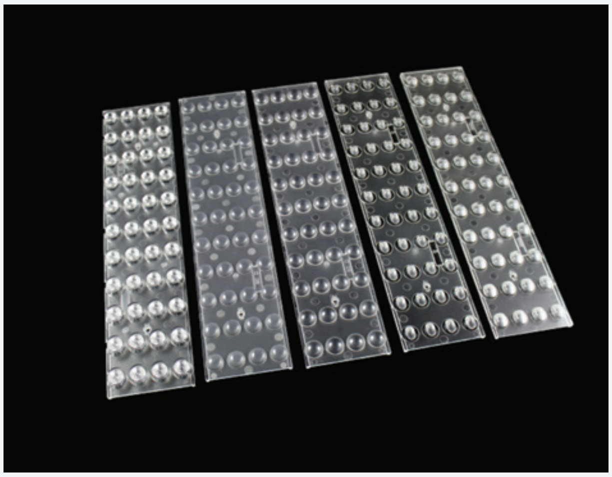
SAMSUNG CREE LED 280x56.4 mm AL 1.5 Ø4.8 2pcs 4x11 SMD 2835



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-44LS2835	5000	44	L128-5080CA3500001	350 / 700	120	1900 / 3465	11 / 23,6
			L128-5080HA3500001			1930 / 3690	10,4 / 21,6
			L128-5095HA3500001			1505 / 2895	
	4000		L128-4080CA3500001			1890 / 3440	11 / 23,6
			L128-4080HA3500001			1915 / 3660	10,4 / 21,6
			L128-4095HA3500001			1510 / 2890	
	3000		L128-3080CA3500001			1800 / 3285	11 / 23,6
			L128-3080HA3500001			1800 / 3450	10,4 / 21,6
			L128-3095HA3500001			1390 / 2660	
	5000		SPMWH1228MD5WAR0VK	350 / 700		1935 / 3695	11 / 22,8
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			1735 / 3090	10,7 / 22,6
			SPMWH1228FD7WAR0SE			1465 / 2620	
	4000		SPMWH1228MD5WAT0VK			1910 / 3645	11 / 22,8
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			1710 / 3045	10,7 / 22,6
			SPMWH1228FD7WAT0SE			1445 / 2575	
	3000		SPMWH1228MD5WAV0VK			1830 / 3495	11 / 22,8
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			1625 / 2895	10,7 / 22,6
			SPMWH1228FD7WAV0SE			1360 / 2445	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	350 / 700		1860 / 3475	11 / 23,4
	4000		JE2835BWT-P-H40EACSMD-N00A0001			1860 / 3475	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			1740 / 3250	
	5000		L128-5080CB3500001	350 / 700		3350 / 6090	21,9 / 47,1
			JK2835AWT-P-H50EB0000-N0000001			3600 / 6705	21,8 / 46,8
			SPMWH1221FQ5GBR0SB	350		3465	21,9
	4000		L128-4080CB3500001	350 / 700		3380 / 6105	21,9 / 47,1
			JK2835AWT-P-H40EB0000-N0000001			3600 / 6705	21,8 / 46,8
			SPMWH1221FQ5GBT0SB	350		3415	21,9
	3000		L128-3080CB3500001	350 / 700		3230 / 5850	21,9 / 47,1
			JK2835AWT-P-H30EB0000-N0000001			3415 / 6355	21,8 / 46,8
			SPMWH1221FQ5GBV0SB	350		3565	21,9

* power and luminous flux are measured at the same Tj of LEDs

Secondary optics compatible with LED modules NEO-L-44LS2835



LedLink
Linking LEDs to The Real World

LL44ZZ-DCPXXL

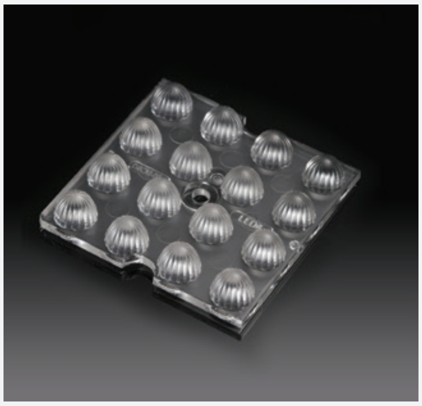
NEO-L-48L3030

SAMSUNG CREE LED 184,5x50,5 mm AL 1.6 Ø3.3 12pcs 4x12 2060-401 SMD 3030

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-48L3030	5000	48	L130-5070003000W21	350 / 700	116	4165 / 7495	23,9 / 51,3
			L130-5080003000W21			3880 / 7180	
			L130-5070003000X21			4150 / 7580	24,1 / 51,7
			L130-5080003000X21			3935 / 7310	
			JK3030AWT-P-B50EB0000-N0000001		120	4010 / 7495	23,9 / 50,8
			SPMWH3326FP5GAR0S0			3770 / 6885	24,1 / 51,4
			SPMWH3327FS3GAR0SF			4400 / 8030	24,1 / 51,9
	4000		L130-4070003000W21		116	4235 / 7650	23,9 / 51,3
			L130-4080003000W21			3820 / 7120	
			L130-4070003000X21			4150 / 7580	24,1 / 51,7
			L130-4080003000X21			3920 / 7210	
			JK3030AWT-P-B40EB0000-N0000001		120	4010 / 7495	23,9 / 50,8
			SPMWH3326FP5GAT0S0			3715 / 6785	24,1 / 51,4
	3000		L130-3080003000W21		116	3700 / 6800	23,9 / 51,3
			L130-3080003000X21			3770 / 6920	24,1 / 51,7
			JK3030AWT-P-B30EB0000-N0000001		120	3775 / 7060	23,9 / 50,8
			SPMWH3326FP5GAV0S0			3565 / 6520	24,1 / 51,4
	5000		L130-5080HA3000001	350/700/ 1050	116	2190 / 4180 / 6090	11,4 / 23,6 / 37
			SPMWH3326MP5WAR0S0		120	2055 / 3920 / 5630	11,4 / 23,9 / 37,3
			SPMWH3326MS5WAR0SD			2180 / 4235 / 6185	11,4 / 23,9 / 37,6
			JK3030AWT-P-H50EACDST-N0000001			1865 / 3520 / 5035	11,3 / 23,8 / 37,4
	4000		L130-4080HA3000001		116	2190 / 4180 / 6090	11,4 / 23,6 / 37
			SPMWH3326MP5WAT0S0		120	2025 / 3860 / 5550	11,4 / 23,9 / 37,3
			SPMWH3326MS5WAT0SD			2140 / 4155 / 6065	11,4 / 23,9 / 37,6
			JK3030AWT-P-H40EA0000-N0000001			1865 / 3520 / 5035	11,3 / 23,8 / 37,4
	3000		L130-3080HA3000001		116	2065 / 3955 / 5760	11,4 / 23,6 / 37
			SPMWH3326MP5WAV3S0		120	1925 / 3670 / 5275	11,4 / 23,9 / 37,3
			SPMWH3326MS5WAV0SD			2020 / 3920 / 5725	11,4 / 23,9 / 37,6
			JK3030AWT-P-H30EA0000-N0000001			1740 / 3290 / 4705	11,3 / 23,8 / 37,4

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-48L3030



LEDiL — STRADELLA-16

DARKOO 达尔科 — DK5050-16H1

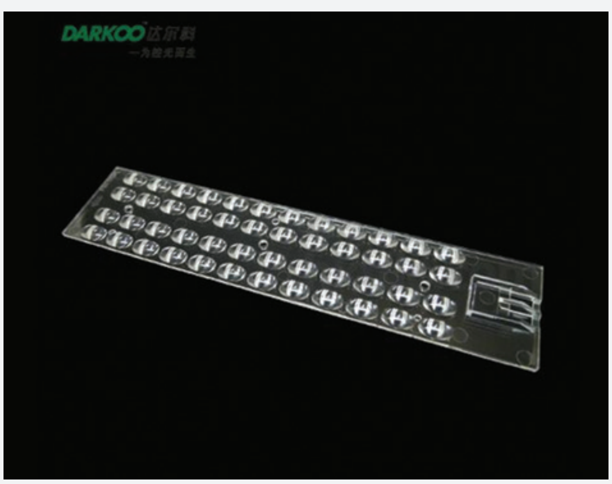
NEO-L-48LS2835-220x49

220x49 mm | AL 1.6 | Ø4.3 3pcs | 4x12 | 2060-401 | SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85°C)	Typical power, W*
NEO-L-48LS2835-220x49	5000	48	L128-5080CA3500001	350 / 700	120	2070 / 3780	12 / 25,8
			L128-5080HA3500001			2110 / 4025	11,4 / 23,6
			L128-5095HA3500001			1645 / 3160	
	4000		L128-4080CA3500001			2060 / 3750	12 / 25,8
			L128-4080HA3500001			2090 / 3995	11,4 / 23,6
			L128-4095HA3500001			1645 / 3150	
	3000		L128-3080CA3500001			1965 / 3580	12 / 25,8
			L128-3080HA3500001			1965 / 3765	11,4 / 23,6
			L128-3095HA3500001			1520 / 2900	
	5000		SPMWH1228MD5WAR0VK	350 / 700		2110 / 4035	12 / 24,9
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			1890 / 3370	11,7 / 24,7
			SPMWH1228FD7WAR0SE			1595 / 2860	
	4000		SPMWH1228MD5WAT0VK			2080 / 3980	12 / 24,9
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			1865 / 3320	11,7 / 24,7
			SPMWH1228FD7WAT0SE			1570 / 2810	
	3000		SPMWH1228MD5WAV0VK			1995 / 3810	12 / 24,9
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			1770 / 3155	11,7 / 24,7
			SPMWH1228FD7WAV0SE			1490 / 2670	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	350 / 700		2030 / 3790	12 / 25,5
	4000		JE2835BWT-P-H40EACSMD-N00A0001			2030 / 3790	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			1895 / 3545	
	5000		L128-5080CB3500001	350 / 700		3655 / 6640	23,9 / 51,3
			JK2835AWT-P-H50EB0000-N0000001			3930 / 7315	23,8 / 51,1
			SPMWH1221FQ5GBR0SB	350		3780	23,9
	4000		L128-4080CB3500001	350 / 700		3685 / 6660	23,9 / 51,3
			JK2835AWT-P-H40EB0000-N0000001			3930 / 7315	23,8 / 51,1
			SPMWH1221FQ5GBT0SB	350		3725	23,9
	3000		L128-3080CB3500001	350 / 700		3520 / 6385	23,9 / 51,3
			JK2835AWT-P-H30EB0000-N0000001			3725 / 6935	23,8 / 51,1
			SPMWH1221FQ5GBV0SB	350		3560	23,9

* power and luminous flux are measured at the same Tj of LEDs

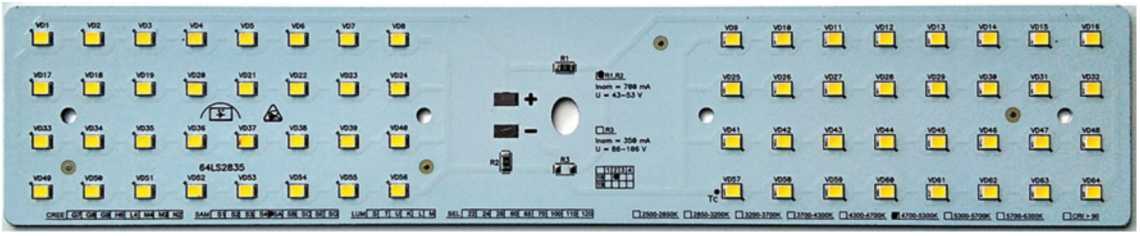
Secondary optics compatible with LED modules NEO-L-48LS2835-220x49



LL44ZZ-DCPXXL

NEO-L-64LS2835

SAMSUNG CREE LED 244x48,5 mm AL 1.6 Ø3.3 4pcs 8x8 4x16 SMD 2835



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-64LS2835	5000	64	L128-5080CA3500001	700 / 1050 / 1400	120	2765 / 3930 / 5040	16 / 24,8 / 34,4
			L128-5080HA3500001			2810 / 4100 / 5370	15,1 / 23,1 / 31,5
			L128-5095HA3500001			2195 / 3205 / 4210	
	4000		L128-4080CA3500001			2745 / 3905 / 5000	16 / 24,8 / 34,4
			L128-4080HA3500001			2790 / 4065 / 5325	15,1 / 23,1 / 31,5
			L128-4095HA3500001			2195 / 3205 / 4200	
	3000		L128-3080CA3500001			2620 / 3725 / 4775	16 / 24,8 / 34,4
			L128-3080HA3500001			2625 / 3830 / 5020	15,1 / 23,1 / 31,5
			L128-3095HA3500001			2025 / 2955 / 3870	
	5000		SPMWH1228MD5WAR0VK	700 / 1050 / 1400		2810 / 4105 / 5380	16 / 24,3 / 33,2
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			2520 / 3585 / 4495	15,6 / 23,8 / 32,9
			SPMWH1228FD7WAR0SE			2130 / 3030 / 3815	
	4000		SPMWH1228MD5WAT0VK			2775 / 4050 / 5305	16 / 24,3 / 33,2
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			2485 / 3535 / 4430	15,6 / 23,8 / 32,9
			SPMWH1228FD7WAT0SE			2095 / 2980 / 3750	
	3000		SPMWH1228MD5WAV0VK			2660 / 3880 / 5085	16 / 24,3 / 33,2
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			2360 / 3355 / 4210	15,6 / 23,8 / 32,9
			SPMWH1228FD7WAV0SE			1990 / 2825 / 3560	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	700 / 1050 / 1400		2705 / 3905 / 5055	16 / 24,6 / 34
	4000		JE2835BWT-P-H40EACSMD-N00A0001			2705 / 3905 / 5055	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			2530 / 3650 / 4725	
	5000		L128-5080CB3500001	700 / 1050		4875 / 6920	31,9 / 49,4
			JK2835AWT-P-H50EB0000-N0000001			5240 / 7545	31,8 / 49,3
			SPMWH1221FQ5GBR0SB			5045 / 7055	31,8 / 49,7
	4000		L128-4080CB3500001			4915 / 6955	31,9 / 49,4
			JK2835AWT-P-H40EB0000-N0000001			5240 / 7545	31,8 / 49,3
			SPMWH1221FQ5GBT0SB			4970 / 6955	31,8 / 49,7
	3000		L128-3080CB3500001			4695 / 6660	31,9 / 49,4
			JK2835AWT-P-H30EB0000-N0000001			4965 / 7155	31,8 / 49,3
			SPMWH1221FQ5GBV0SB			4750 / 6650	31,8 / 49,7

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-64LS2835

DARKOO 达尔科

64H1

NEO-L-2x33LS2835-F

SAMSUNG CREE LED 280x55 mm AL 1.0 Ø3.3 4pcs 2*(3x11) NS212 SMD 2835

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-2x33 LS2835-F	5000	66	L128-5080CA3500001	350 / 700	120	3675 / 6605	22,5 / 49,4
			L128-5080HA3500001	350 / 700 / 1050		3800 / 7215 / 10450	21,1 / 44,4 / 70
			L128-5095HA3500001			2970 / 5670 / 8240	
	4000		L128-4080CA3500001	350 / 700		3650 / 6545	22,5 / 49,4
			L128-4080HA3500001	350 / 700 / 1050		3770 / 7155 / 10365	21,1 / 44,4 / 70
			L128-4095HA3500001			2970 / 5650 / 8185	
	3000		L128-3080CA3500001	350 / 700		3480 / 6250	22,5 / 49,4
			L128-3080HA3500001	350 / 700 / 1050		3550 / 6750 / 9780	21,1 / 44,4 / 70
			L128-3095HA3500001			2740 / 5200 / 7520	
	5000		SPMWH1228MD5WAR0VK	350 / 525		3805 / 5545	22,2 / 34,3
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			3350 / 4635	21,7 / 34
			SPMWH1228FD7WAR0SE			2830 / 3930	
	4000		SPMWH1228MD5WAT0VK			3755 / 5470	22,2 / 34,3
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			3300 / 4570	21,7 / 34
			SPMWH1228FD7WAT0SE			2785 / 3865	
	3000		SPMWH1228MD5WAV0VK			3595 / 5245	22,2 / 34,3
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			3135 / 4340	21,7 / 34
			SPMWH1228FD7WAV0SE			2640 / 3670	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	350 / 525 / 700		3635 / 5215 / 6670	22,4 / 35 / 48,5
	4000		JE2835BWT-P-H40EACSMD-N00A0001			3635 / 5215 / 6670	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			3395 / 4875 / 6235	
	5000		L128-5080CB3500001	350 / 525		6470 / 9135	44,9 / 70,6
			JK2835AWT-P-H50EB0000-N0000001			7025 / 10060	44,8 / 70,2
			SPMWH1221FQ5GBR0SB	350 / 450		6640 / 8095	45,1 / 59,7
	4000		L128-4080CB3500001	350 / 525		6505 / 9160	44,9 / 70,6
			JK2835AWT-P-H40EB0000-N0000001			7025 / 10060	44,8 / 70,2
			SPMWH1221FQ5GBT0SB	350 / 450		6545 / 7980	45,1 / 59,7
	3000		L128-3080CB3500001	350 / 525		6225 / 8780	44,9 / 70,6
			JK2835AWT-P-H30EB0000-N0000001			6660 / 9535	44,8 / 70,2
			SPMWH1221FQ5GBV0SB	350 / 450		6255 / 7625	45,1 / 59,7

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-2x33LS2835-F

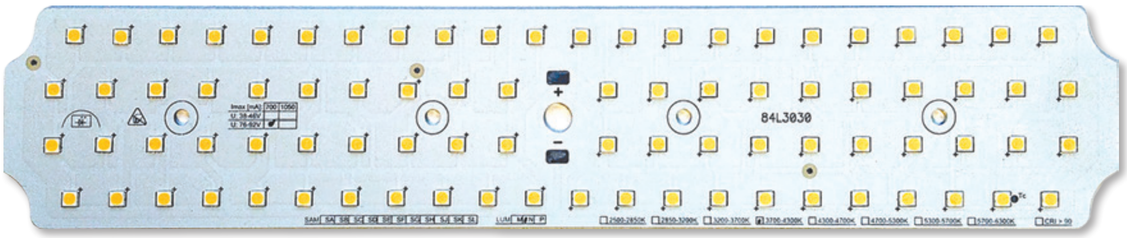
LEDiL FLORENCE

DARKOO® 达尔科 DK286X61-XX-33H1

STREET AND INDUSTRIAL LIGHTING

NEO-L-84L3030

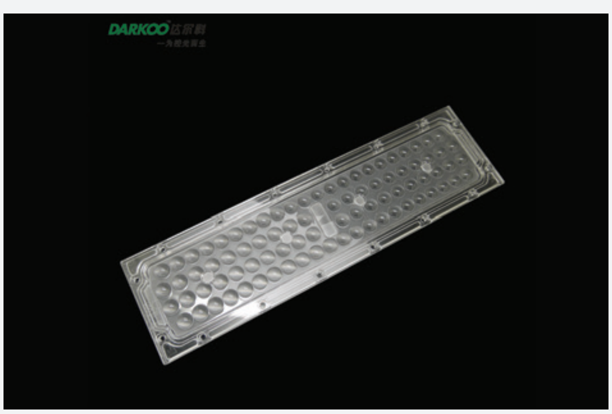
SAMSUNG | CREE LED | 244x48,5 mm | AL 1.6 | Ø3.3 4pcs | 6x14 | SMD 3030



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-84L3030	5000	84	L130-5070003000W21	350/700/1050	116	5025 / 9360 / 13115	26,6 / 57,1 / 89,7
			L130-5080003000W21			4615 / 8815 / 12565	
			L130-5070003000X21			4950 / 9360 / 13265	26,9 / 57,5 / 90,4
			L130-5080003000X21			4650 / 8935 / 12795	
			JK3030AWT-P-B50EB0000-N0000001		120	4720 / 9140 / 13115	26,8 / 57 / 88,9
			SPMWH3326FP5GAR0S0			4480 / 8515 / 12050	26,9 / 57,5 / 90
			SPMWH3327FS3GAR0SF			5220 / 9950 / 14030	26,8 / 57,7 / 90,9
	4000		L130-4070003000W21		116	5095 / 9520 / 13390	26,6 / 57,1 / 89,7
			L130-4080003000W21			4515 / 8710 / 12465	
			L130-4070003000X21			4950 / 9360 / 13265	26,9 / 57,5 / 90,4
			L130-4080003000X21				
			JK3030AWT-P-B40EB0000-N0000001		120	4720 / 9140 / 13115	26,8 / 57 / 88,9
			SPMWH3326FP5GAT0S0			4410 / 8385 / 11870	26,9 / 57,5 / 90
	3000		L130-3080003000W21		116	4410 / 8375 / 11905	26,6 / 57,1 / 89,7
			L130-3080003000X21				26,9 / 57,5 / 90,4
			JK3030AWT-P-B30EB0000-N0000001		120	4445 / 8610 / 12355	26,8 / 57 / 88,9
			SPMWH3326FP5GAV0S0			4240 / 8060 / 11410	26,9 / 57,5 / 90
	5000		L130-5080HA3000001	700/1050/1400	116	5025 / 7320 / 9540	26,9 / 41,4 / 56,6
			SPMWH3326MP5WAR0S0		120		27,1 / 41,8 / 57,2
			SPMWH3326MS5WAR0SD			5035 / 7415 / 9685	27 / 41,8 / 57,4
			JK3030AWT-P-H50EACDST-N0000001			4265 / 6160 / 7935	26,9 / 41,7 / 57,2
	4000		L130-4080HA3000001		116	5025 / 7320 / 9540	26,9 / 41,4 / 56,6
			SPMWH3326MP5WAT0S0		120	4645 / 6760 / 8745	27,1 / 41,8 / 57,2
			SPMWH3326MS5WAT0SD			4940 / 7270 / 9500	27 / 41,8 / 57,4
	3000		JK3030AWT-P-H40EA0000-N0000001			4265 / 6160 / 7935	26,9 / 41,7 / 57,2
			L130-3080HA3000001		116	4750 / 6920 / 9020	26,9 / 41,4 / 56,6
			SPMWH3326MP5WAV3S0		120	4415 / 6425 / 8310	27,1 / 41,8 / 57,2
			SPMWH3326MS5WAV0SD			4660 / 6860 / 8965	27 / 41,8 / 57,2
			JK3030AWT-P-H30EA0000-N0000001			3985 / 5760 / 7420	26,9 / 41,7 / 57,2

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-84L3030

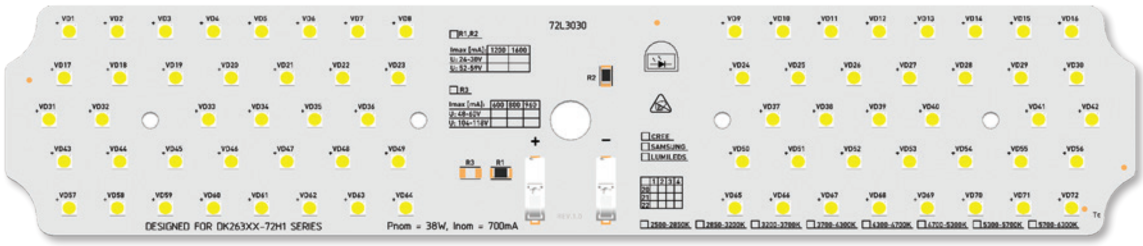


DARKOO 达尔科

84H1

NEO-L-72L3030

SAMSUNG CREE LED 223,4x47 mm AL 1.5 Ø3.3 4pcs 8x9 4x18 2060-401 SMD 3030



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-72L3030	5000	72	JK3030AWT-P-H30EA0000-N0000001	700/1050/1400	116	6250 / 8830 / 11240	35,8 / 55,5 / 76,9
			L130-5080003000W21			5825 / 8355 / 10770	
			L130-5070003000X21			6225 / 8860 / 11370	36,1 / 55,9 / 77,5
			L130-5080003000X21			5900 / 8480 / 10965	
			JK3030AWT-P-B50EB0000-N0000001		120	6015 / 8685 / 11245	35,9 / 55,3 / 76,2
			SPMWH3326FP5GAR0S0			5655 / 8055 / 10330	36,1 / 55,8 / 77,2
			SPMWH3327FS3GAR0SF			6600 / 9420 / 12045	36,1 / 56,1 / 77,9
	4000		L130-4070003000W21		116	6365 / 8990 / 11480	35,8 / 55,5 / 76,9
			L130-4080003000W21			5735 / 8265 / 10685	
			L130-4070003000X21			6225 / 8860 / 11370	36,1 / 55,9 / 77,5
			L130-4080003000X21			5880 / 8405 / 10815	
			JK3030AWT-P-B40EB0000-N0000001		120	6015 / 8685 / 11245	35,9 / 55,3 / 76,2
			SPMWH3326FP5GAT0S0			5570 / 7935 / 10175	36,1 / 55,8 / 77,2
	3000		L130-3080003000W21		116	5550 / 7935 / 10205	35,8 / 55,5 / 76,9
			L130-3080003000X21			5660 / 8075 / 10380	36,1 / 55,9 / 77,5
			JK3030AWT-P-B30EB0000-N0000001		120	5665 / 8180 / 10590	35,9 / 55,3 / 76,2
			SPMWH3326FP5GAV0S0			5350 / 7625 / 9780	36,1 / 55,8 / 77,2
	5000		L130-5080HA3000001	700/1050/1400	116	3285 / 4790 / 6275	17 / 26 / 35,5
			SPMWH3326MP5WAR0S0		120	3085 / 4495 / 5880	17,1 / 26,2 / 35,8
			SPMWH3326MS5WAR0SD			3270 / 4815 / 6355	17,1 / 26,1 / 35,8
			JK3030AWT-P-H50EACDST-N0000001			2795 / 4055 / 5280	17 / 26,1 / 35,7
	4000		L130-4080HA3000001		116	3285 / 4790 / 6275	17 / 26 / 35,5
			SPMWH3326MP5WAT0S0		120	3040 / 4430 / 5795	17,1 / 26,2 / 35,8
			SPMWH3326MS5WAT0SD			3210 / 4725 / 6230	17,1 / 26,1 / 35,8
			JK3030AWT-P-H40EA0000-N0000001			2795 / 4055 / 5280	17 / 26,1 / 35,7
	3000		L130-3080HA3000001		116	3100 / 4525 / 5930	17 / 26 / 35,5
			SPMWH3326MP5WAV3S0		120	2890 / 4215 / 5510	17,1 / 26,2 / 35,8
			SPMWH3326MS5WAV0SD			3030 / 4460 / 5880	17,1 / 26,1 / 35,8
			JK3030AWT-P-H30EA0000-N0000001			2615 / 3795 / 4940	17 / 26,1 / 35,7

* power and luminous flux are measured at the same Tj of LEDs

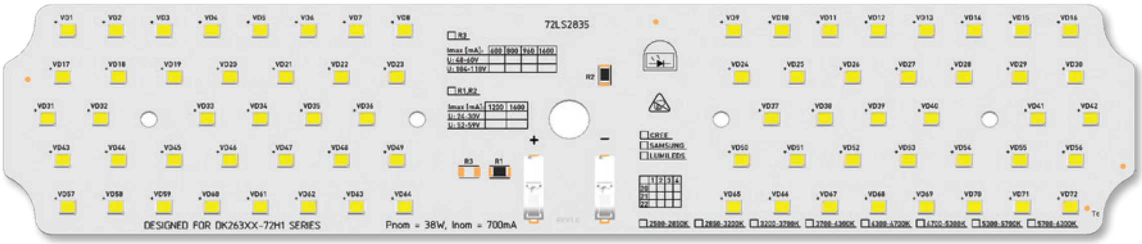
Вторичная оптика, совместимая с модулями NEO-L-72L3030

DARKOO® 达尔科

84H1

NEO-L-72LS2835

SAMSUNG CREE LED 223,4x47 mm AL 1.5 Ø3.3 4pcs 8x9 4x18 2060-401 SMD 2835



Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-72LS2835	5000	72	L128-5080CA3500001	700 / 1050 / 1400	120	3110 / 4425 / 5675	18 / 27,9 / 38,7
			L128-5080HA3500001			3165 / 4610 / 6040	17 / 26 / 35,4
			L128-5095HA3500001			2465 / 3610 / 4740	
	4000		L128-4080CA3500001			3090 / 4390 / 5625	18 / 27,9 / 38,7
			L128-4080HA3500001			3135 / 4570 / 5990	17 / 26 / 35,4
			L128-4095HA3500001			2470 / 3605 / 4725	
	3000		L128-3080CA3500001			2950 / 4195 / 5375	18 / 27,9 / 38,7
			L128-3080HA3500001			2950 / 4305 / 5645	17 / 26 / 35,4
			L128-3095HA3500001			2280 / 3325 / 4355	
	5000		SPMWH1228MD5WAR0VK	700 / 1050 / 1400		3165 / 4620 / 6050	18 / 27,4 / 37,4
			SPMWH1228MD5WAR0RK				
			SPMWH1228FD5WAR0SE			2835 / 4035 / 5055	17,5 / 26,8 / 37
			SPMWH1228FD7WAR0SE			2395 / 3410 / 4290	
	4000		SPMWH1228MD5WAT0VK			3120 / 4555 / 5970	18 / 27,4 / 37,4
			SPMWH1228MD5WAT0RK				
			SPMWH1228FD5WAT0SE			2795 / 3975 / 4985	17,5 / 26,8 / 37
			SPMWH1228FD7WAT0SE			2355 / 3350 / 4220	
	3000		SPMWH1228MD5WAV0VK			2990 / 4365 / 5720	18 / 27,4 / 37,4
			SPMWH1228MD5WAV0RK				
			SPMWH1228FD5WAV0SE			2655 / 3775 / 4735	17,5 / 26,8 / 37
			SPMWH1228FD7WAV0SE			2235 / 3180 / 4005	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	700 / 1050 / 1400		3045 / 4395 / 5690	18 / 27,7 / 38,2
	4000		JE2835BWT-P-H40EACSMD-N00A0001			3045 / 4395 / 5690	
	3000		JE2835BWT-P-H30EACSMD-N00A0001			2845 / 4110 / 5320	
	5000		L128-5080CB3500001	700 / 1050		5485 / 7785	35,9 / 55,6
			JK2835AWT-P-H50EB0000-N0000001			5895 / 8490	35,7 / 55,4
			SPMWH1221FQ5GBR0SB			5675 / 7940	35,8 / 55,9
	4000		L128-4080CB3500001			5530 / 7825	35,9 / 55,6
			JK2835AWT-P-H40EB0000-N0000001			5895 / 8490	35,7 / 55,4
			SPMWH1221FQ5GBT0SB			5590 / 7825	35,8 / 55,9
	3000		L128-3080CB3500001			5285 / 7490	35,9 / 55,6
			JK2835AWT-P-H30EB0000-N0000001			5590 / 8050	35,7 / 55,4
			SPMWH1221FQ5GBV0SB			5345 / 7480	35,8 / 55,9

* power and luminous flux are measured at the same Tj of LEDs

Вторичная оптика, совместимая с модулями NEO-L-72LS2835

DARKOO 达尔科

DK236X70-72H1

PUBLIC UTILITY AND EMERGENCY LIGHTING

LED modules are PCBs with mounted LEDs and mounting holes with isolated area for a screw or a rivet.
LED modules have contact PADs for terminal blocks used for connecting modules to power supply units.

Светодиодные модули представляют из себя платы с напаянными светодиодами. Для крепления модулей предусмотрены отверстия с изолированной зоной вокруг них под головку винта или заклепки. Питание модуля осуществляется от источника постоянного тока. Для подключения питания предусмотрены контактные площадки под разъемы.

NEO-C-24LS2835-AC

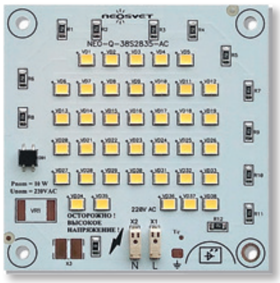
SAMSUNG Ø60 mm | AL 1.0 | Ø3.3 4pcs | 220V | SMD 2835 | NS2059

Model	CCT, K	LEDs	LED	FWHM, °	Typical luminous flux, lm (Tj=25 °C)	Typical power, W*
NEO-C-24LS2835-AC	5000	24	SPMWH12245Q5W8R0SA	120	1045	8,8
	4000		SPMWH12245Q5W8T0SA		1015	
	3000		SPMWH12245Q5W8V0SA		945	

* power and luminous flux are measured at the same Tj of LEDs.

NEO-Q-38S2835-AC

SEL 70x70 mm | AL 1.6 | Ø3.3 4pcs | 1x38 | NS2059 | 220V | SMD 2835

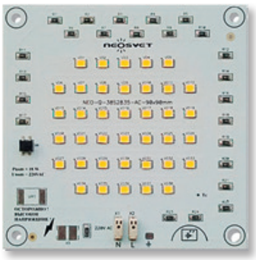


Model	CCT, K	LEDs	LED	FWHM, °	Typical luminous flux, lm (Tj=25 °C)	Typical power, W*
NEO-Q-38S2835-AC	5000	38	SEL-2835-5-6V060	120	1000	9,8
	4000		SEL-2835-4-6V060		935	
	3000		SEL-2835-3-6V060		875	

* power and luminous flux are measured at the same Tj of LEDs.

NEO-Q-38S2835-AC-16W

SEL 90x90 mm AL 1.6 Ø3.3 4pcs 1x38 NS2059-301 220V

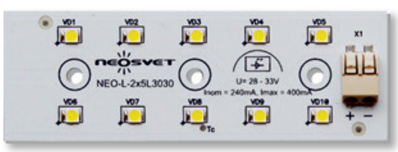


Model	CCT, K	LEDs	LED	FWHM, °	Typical luminous flux, lm (Tj=25°C)	Typical power, W*
NEO-Q-38S2835-AC-16W	5000	38	SEL-2835-5-6V150	120	1970	19,3
	4000		SEL-2835-4-6V150		1800	
	3000		SEL-2835-3-6V150		1640	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-2x5L3030

SAMSUNG CREE LED 87x30 mm AL 1.6 Ø3.3 3pcs 2x5 2060-402 SMD 3030

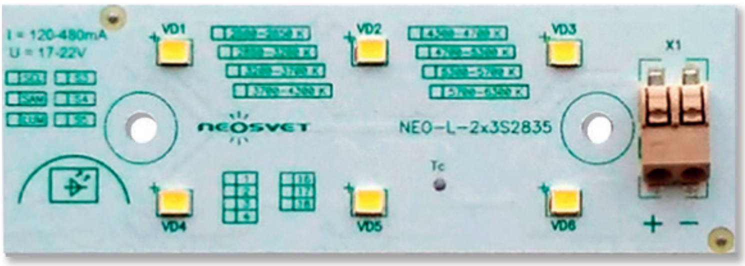


Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj = 55 °C)	Typical power W *
NEO-L-2x5L3030	5000	10	L130-5070003000W21	300 / 350	116	1455 / 1650	9,1 / 10,8
			L130-5080003000W21			1385 / 1580	
			L130-5070003000X21			1465 / 1670	9,1 / 10,9
			L130-5080003000X21			1405 / 1605	
			JK3030AWT-P-B50EB0000-N0000001		120	1455 / 1665	9 / 10,7
			SPMWH3326FP5GAR0S0			1325 / 1505	9,1 / 10,8
			SPMWH3327FS3GAR0SF			1540 / 1750	9,1 / 10,9
	4000		L130-4070003000W21		116	1470 / 1670	9,1 / 10,8
			L130-4080003000W21			1385 / 1580	
			L130-4070003000X21			1465 / 1670	9,1 / 10,9
			L130-4080003000X21			1395 / 1590	
			JK3030AWT-P-B40EB0000-N0000001		120	1455 / 1665	9 / 10,7
			SPMWH3326FP5GAT0S0			1305 / 1485	9,1 / 10,8
	3000		L130-3080003000W21		116	1310 / 1495	
			L130-3080003000X21			1335 / 1520	9,1 / 10,9
			JK3030AWT-P-B30EB0000-N0000001		120	1370 / 1570	9 / 10,7
			SPMWH3326FP5GAV0S0			1255 / 1425	9,1 / 10,8
	5000		L130-5080HA3000001	350 / 700	116	910 / 1705	5 / 10,7
			SPMWH3326MP5WAR0S0		120	850 / 1550	5 / 10,8
			SPMWH3326MS5WAR0SD			915 / 1710	5 / 10,9
			JK3030AWT-P-H50EACDST-N0000001			790 / 1435	5 / 10,9
	4000		L130-4080HA3000001		116	910 / 1705	5 / 10,7
			SPMWH3326MP5WAT0S0		120	840 / 1530	5 / 10,8
			SPMWH3326MS5WAT0SD			895 / 1675	5 / 10,9
			JK3030AWT-P-H40EA0000-N0000001			790 / 1435	5 / 10,9
	3000		L130-3080HA3000001		116	865 / 1615	5 / 10,7
			SPMWH3326MP5WAV3S0		120	795 / 1455	5 / 10,8
			SPMWH3326MS5WAV0SD			845 / 1585	5 / 10,9
			JK3030AWT-P-H30EA0000-N0000001			735 / 1400	5 / 10,9

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-2x3S2835

SAMSUNG CREE LED 87x30 mm AL 1.6 Ø3.5 2pcs 2x3 2060-402 SMD 2835

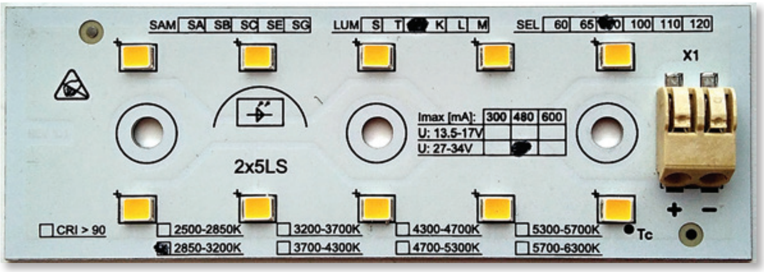


Model	CCT, K	LEDs	LED	Current, mA	Typical luminous flux, lm (Tj = 55 °C)	Typical power W *
NEO-L-2x3S2835	5000	6	L128-5080CA3500001	300/350/400	440 / 500 / 560	2,7 / 3,3 / 3,8
	4000		L128-4080CA3500001		440 / 500 / 555	
	3000		L128-3080CA3500001		415 / 475 / 525	
	5000		L128-5080HA3500001	300/350 /700	455 / 525 / 985	2,5 / 3 / 6,4
			L128-5095HA3500001		360 / 415 / 775	
	4000		L128-4080HA3500001		450 / 520 / 980	
			L128-4095HA3500001		355 / 410 / 765	
	3000		L128-3080HA3500001		425 / 490 / 920	
			L128-3095HA3500001		325 / 375 / 705	
	5000		SPMWH1228MD5WAR0VK	300/350/400	460 / 530 / 595	2,7 / 3,1 / 3,6
			SPMWH1228MD5WAR0RK			
			SPMWH1228FD5WAR0RJ		450 / 515 / 580	2,6 / 3,1 / 3,6
			SPMWH1228FD5WAR0RG		420 / 485 / 545	
			SPMWH1228FD5WAR0SE		400 / 445 / 475	2,6 / 3,1 / 3,6
			SPMWH1228FD7WAR0SE		335 / 380 / 405	
	4000		SPMWH1228MD5WAT0VK		455 / 520 / 585	2,7 / 3,1 / 3,6
			SPMWH1228MD5WAT0RK			
			SPMWH1228FD5WAT0RJ		440 / 510 / 575	2,6 / 3,1 / 3,6
			SPMWH1228FD5WAT0RG		415 / 475 / 535	
			SPMWH1228FD5WAT0SE		395 / 440 / 470	2,6 / 3,1 / 3,6
			SPMWH1228FD7WAT0SE		330 / 370 / 400	
	3000		SPMWH1228MD5WAV0VK		435 / 500 / 560	2,7 / 3,1 / 3,6
			SPMWH1228MD5WAV0RK			
			SPMWH1228FD5WAV0RJ		425 / 485 /545	2,6 / 3,1 / 3,6
			SPMWH1228FD5WAV0RG		395 / 455 / 510	
			SPMWH1228FD5WAV0SE		375 / 420 / 445	2,6 / 3,1 / 3,6
			SPMWH1228FD7WAV0SE		315 / 355 / 380	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	300/350/400	435 / 500 / 560	2,7 / 3,2 / 3,7
	4000		JE2835BWT-P-H40EACSMD-N00A0001		435 / 500 / 560	
	3000		JE2835BWT-P-H30EACSMD-N00A0001		405 / 465 / 527	
	5000		L128-5080CB3500001	300/350 /400	775 / 885 / 985	5,5 / 6,5 / 7,6
			JK2835AWT-P-H50EB0000-N0000001		860 / 985 / 1105	5,4 / 6,4 / 7,5
			SPMWH1221FQ5GBR0SB	300	775	5,5
	4000		L128-4080CB3500001	300/350/400	775 / 880 / 980	5,5 / 6,5 / 7,6
			JK2835AWT-P-H40EB0000-N0000001		860 / 985 / 1105	5,4 / 6,4 / 7,5
			SPMWH1221FQ5GBT0SB	300	765	5,5
	3000		L128-3080CB3500001	300/350/400	745 / 845 / 940	5,5 / 6,5 / 7,6
			JK2835AWT-P-H30EB0000-N0000001		815 / 935 / 1045	5,4 / 6,4 / 7,5
			SPMWH1221FQ5GBV0SB	300	730	5,5

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-2x5LS2835

SAMSUNG CREE LED 87x30 mm AL 1.6 Ø3.5 3pcs 2x5 2060-402

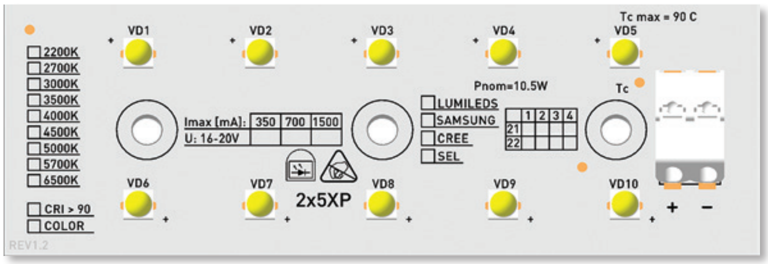


Model	CCT, K	LEDs	LED	Current, mA	Typical luminous flux, lm (Tj = 50 °C)	Typical power W *
NEO-L-2x5LS2835	5000	10	L128-5080CA3500001	300 / 350 / 400	735 / 835 / 930	4,6 / 5,4 / 6,3
	4000		L128-4080CA3500001		730 / 830 / 925	
	3000		L128-3080CA3500001		695 / 790 / 880	
	5000		L128-5080HA3500001	300 / 350 / 700	760 / 880 / 1645	4,2 / 5 / 10,7
			L128-5095HA3500001		595 / 685 / 1295	
	4000		L128-4080HA3500001		755 / 870 / 1635	
			L128-4095HA3500001		590 / 680 / 1280	
	3000		L128-3080HA3500001		710 / 820 / 1540	
			L128-3095HA3500001		545 / 630 / 1180	
	5000		SPMWH1228MD5WAR0VK	300 / 350 / 400	765 / 880 / 990	4,4 / 5,2 / 6,1
			SPMWH1228MD5WAR0RK			
			SPMWH1228FD5WAR0RJ		750 / 860 / 970	4,4 / 5,2 / 6,1
			SPMWH1228FD5WAR0RG		705 / 805 / 905	
			SPMWH1228FD5WAR0SE		665 / 745 / 795	4,4 / 5,2 / 6
			SPMWH1228FD7WAR0SE		565 / 630 / 675	
	4000		SPMWH1228MD5WAT0VK		755 / 870 / 980	4,4 / 5,2 / 6,1
			SPMWH1228MD5WAT0RK			
			SPMWH1228FD5WAT0RJ		740 / 850 / 955	4,4 / 5,2 / 6,1
			SPMWH1228FD5WAT0RG		695 / 795 / 895	
			SPMWH1228FD5WAT0SE		655 / 735 / 785	4,4 / 5,2 / 6
			SPMWH1228FD7WAT0SE		555 / 620 / 665	
	3000		SPMWH1228MD5WAV0VK		725 / 830 / 935	4,4 / 5,2 / 6,1
			SPMWH1228MD5WAV0RK			
			SPMWH1228FD5WAV0RJ		705 / 810 / 915	4,4 / 5,2 / 6,1
			SPMWH1228FD5WAV0RG		660 / 760 / 850	
			SPMWH1228FD5WAV0SE		625 / 695 / 745	4,4 / 5,2 / 6
			SPMWH1228FD7WAV0SE		525 / 590 / 630	
	5000		JE2835BWT-P-H50EACSMD-N00A0001	300 / 350 / 400	730 / 835 / 935	4,5 / 5,4 / 6,2
	4000		JE2835BWT-P-H40EACSMD-N00A0001		730 / 835 / 935	
	3000		JE2835BWT-P-H30EACSMD-N00A0001		680 / 780 / 875	
	5000		L128-5080CB3500001	300 / 350 / 400	1295 / 1475 / 1640	9,1 / 10,8 / 12,6
			JK2835AWT-P-H50EB0000-N0000001		1435 / 1640 / 1840	9 / 10,7 / 12,5
			SPMWH1221FQ5GBR0SB	300 300 / 350 / 400	1295	9,1
	4000		L128-4080CB3500001		1295 / 1470 / 1640	9,1 / 10,8 / 12,6
			JK2835AWT-P-H40EB0000-N0000001		1435 / 1640 / 1840	9 / 10,7 / 12,5
			SPMWH1221FQ5GBT0SB	300 300 / 350 / 400	1275	9,1
	3000		L128-3080CB3500001		1240 / 1410 / 1570	9,1 / 10,8 / 12,6
			JK2835AWT-P-H30EB0000-N0000001		1360 / 1555 / 1745	9 / 10,7 / 12,5
			SPMWH1221FQ5GBV0SB	300	1220	9,1

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-2x5XPMX

SAMSUNG CREE LED | 87x30 mm | AL 1.6 | Ø3.5 3pcs | 1x10 | 2060-402

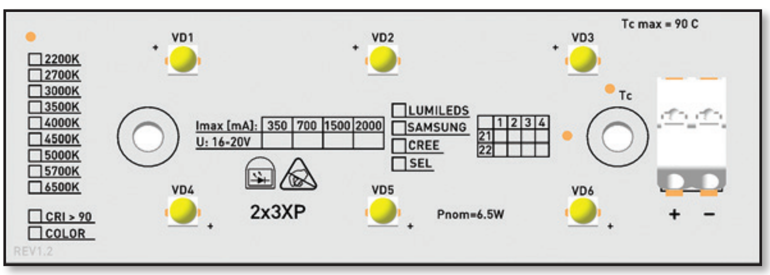


Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj = 85 °C)	Typical power W *
NEO-L-2x5X-PMX	3000	10	XPGDWT-H1-CARH-00HE7	350 / 700	125	1390 / 2570	9,5 / 19,7
			SPHWH2L3D30ED4V0K3 (M1)		120	1400 / 2570	9,3 / 19,4
	5000		XTEAWT-E0-CSMD-00000BLE3		115	1640 / 2975 / 4090	9,7 / 20,2 / 31,3
			SPHWH2L3D30CD4RTP3 (Q1)		120	1700 / 3120	9,3 / 19,4
			SPHWHTL3D50CE4RTQF	350 / 700 / 1050	128	1675 / 3100 / 4340	10,2 / 21,4 / 33,2
			SPHWHTL3D50CE4RTQF (SB)			1890 / 3500 / 4900	10,2 / 21,4 / 33,2
			XPGDWT-BS-0000-00ME3		125	1720 / 3180 / 4445	9,5 / 19,7 / 30,4
			XPLBWT-00-CNFL-A00BV50E3			1670 / 3160 / 4600	9,2 / 19 / 29,3

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-2x3XPMX

SAMSUNG CREE LED | 87x30 mm | AL 1.6 | Ø3.5 2pcs | 1x10 | 2060-402

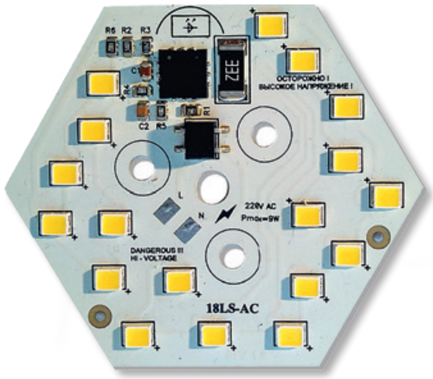


Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj = 85 °C)	Typical power W *
NEO-L-2x3X-PMX	3000	6	XPGDWT-H1-CARH-00HE7	350 / 700	125	830 / 1540	9,5 / 19,7
			SPHWH2L3D30ED4V0K3 (M1)		120	840 / 1540	9,3 / 19,4
	5000		XTEAWT-E0-CSMD-00000BLE3		115	980 / 1785	9,7 / 20,2 / 31,3
			SPHWH2L3D30CD4RTP3 (Q1)		120	1020 / 1870	9,3 / 19,4
			SPHWHTL3D50CE4RTQF	350 / 700 / 1050	128	1005 / 1860 / 2605	10,2 / 21,4 / 33,2
			SPHWHTL3D50CE4RTQF (SB)			1135 / 2100 / 2940	10,2 / 21,4 / 33,2
			XPGDWT-BS-0000-00ME3		125	1030 / 1905 / 2665	9,5 / 19,7 / 30,4
			XPLBWT-00-CARH-000BV60E3			1100 / 2015 / 2860	9,2 / 19 / 29,3

* power and luminous flux are measured at the same Tj of LEDs

NEO-H-18LS2835-AC

SAMSUNG 46.5x54mm | AL 1.0 | Ø3.3 3pcs | 220V | SMD 2835

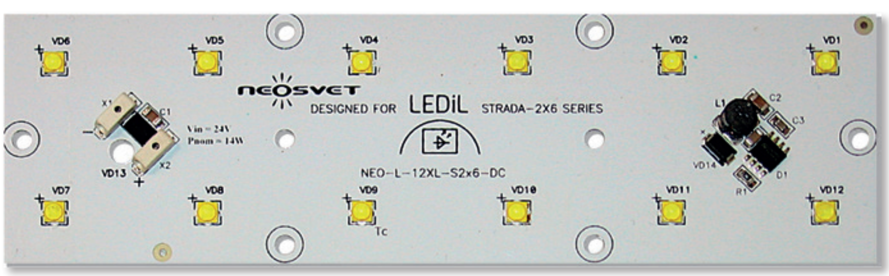


Model	CCT, K	LEDs	LED	Typical luminous flux, lm (Tj = 25 °C)	Typical power, W*
NEO-H-18LS2835-AC	5000	18	SPMWH12245Q5W8R0SA	1025	8,5
	4000		SPMWH12245Q5W8T0SA	1000	
	3000		SPMWH12245Q5W8V0SA	930	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-12XL-S2x6-DC

SAMSUNG CREE LED 145x43 mm | AL 1.6 | Ø3.3 6pcs | NS2059-301 | 3.45x3.45



Model	CCT, K	LEDs	LED	Voltage, V	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-12XL-S2x6-DC	3000	12	XPGDWT-H1-CARH-00HE7	DC - 24V 350@LED	120	1665	13,3
			SPHWH2L3D30ED4V0K3 (M1)			1680	13,1
	5000		XTEAWT-E0-CSMD-0000BLE3			1965	13,7
			SPHWH2L3D30CD4RTP3 (Q1)			2040	13,1
			XPGDWT-BS-0000-00ME3			2060	13,3

* Values are shown at the calculated value of the luminous flux temperature.
Other types of LEDs with equivalent solder pads can be used as per customer requirements.

NEO-L-18LS2835-CV

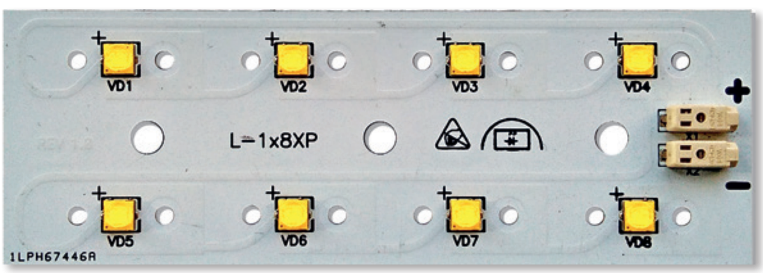
SAMSUNG | 320x12 mm | AL 1.0 | Ø3.3 5pcs | 6x3 | SMD 2835

Model	CCT, K	LEDs	LED	Voltage, V	Typical luminous flux, @ 150 mA, lm (Tj=55 °C)	Typical power, W*
NEO-L-18LS2835-CV	5000	18	SPMWH1228FD5WAR0SE	"DC - 12V 125@LED"	1040	8,3
	4000		SPMWH1228FD5WAT0SE		1025	
	3000		SPMWH1228FD5WAV0SE		975	

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-1x8XP

CREE LED | SAMSUNG | 87x30 mm | AL 1.6 | Ø3.5 3pcs | 1x8 | NS2059-301 | 3.45x3.45

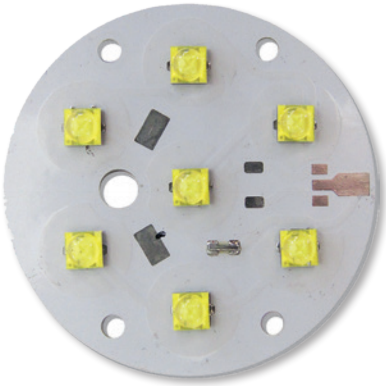


Model	CCT, K	LED quan-tity	LEDs	Current, mA	FWHM, °	Typical luminous flux, @ 700 mA, lm (Tj=85 °C)	Typical power, W*
NEO-L-1x8XP	3000	8	XPGDWT-H1-CARH-00HE7	350 / 700	125	1110 / 2055	7,6 / 15,7
			SPHWH2L3D30ED4V0K3 (M1)		120	1120 / 2055	7,4 / 15,5
	5000		XTEAWT-E0-CSMD-00000BLE3		115	1310 / 2380	7,8 / 16,2
			SPHWH2L3D30CD4RTP3 (Q1)		120	1360 / 2495	7,4 / 15,5
			SPHWHTL3D50CE4RTQF	350 / 700 / 1050	128	1340 / 2480 / 3470	8,2 / 17,1 / 26,6
			SPHWHTL3D50CE4RTQF (SB)		128	1510 / 2800 / 3920	8,2 / 17,1 / 26,6
			XPGDWT-BS-0000-00ME3		125	1375 / 2545 / 3555	7,6 / 15,7 / 24,3
			XPLBWT-00-CARH-000BV60E3		125	1335 / 2555 / 3680	7,4 / 15,2 / 23,4

* Values are shown at the calculated value of the luminous flux temperature
Other types of LEDs with equivalent PADs can be used as per customer requirements.

NEO-C-7XP

CREE LED SAMSUNG Ø35.8 mm | AL 1.6 | Ø3.5 4pcs | 1x7 | 3.45x3.45

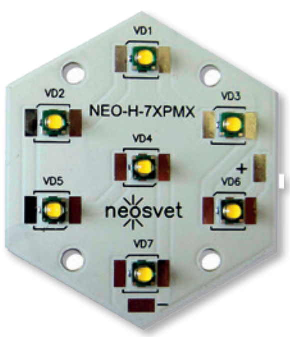


Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-C-7XP	3000	7	XPGDWT-H1-CARH-00HE7	350 / 700	125	970 / 1795	6,6 / 13,8
			SPHWH2L3D30ED4V0K3 (M1)		120	980 / 1800	6,5 / 13,6
	5000		XTEAWT-E0-CSMD-00000BLE3		115	1145 / 2080	6,8 / 14,2
			SPHWH2L3D30CD4RTP3 (Q1)		120	1190 / 2185	6,5 / 13,6
			SPHWHTL3D50CE4RTQF	350 / 700 / 1050	128	1170 / 2170 / 3035	7,1 / 14,9 / 23,3
			SPHWHTL3D50CE4RTQF (SB)			1320 / 2450 / 3430	7,1 / 14,9 / 23,3
			XPGDWT-BS-0000-00ME3		125	1200 / 2225 / 3110	6,6 / 13,8 / 21,2
			XPLBWT-00-CARH-000BV60E3			1265 / 2335 / 3320	6,5 / 13,3 / 20,5

* power and luminous flux are measured at the same Tj of LEDs..
Other types of LEDs with equivalent solder pads can be used as per customer requirements

NEO-H-7XP

CREE LED SAMSUNG 46.5x54mm | AL 1.6 | Ø3.5 4pcs | 1x7 | 3.45x3.45

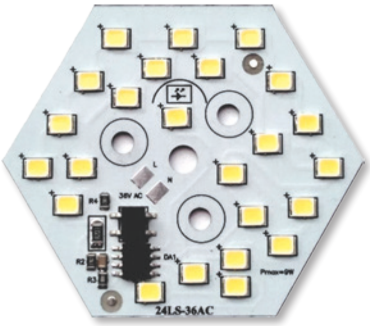


Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-H-7XP	3000	7	XPGDWT-H1-CARH-00HE7	350 / 700	125	970 / 1795	6,6 / 13,8
			SPHWH2L3D30ED4V0K3 (M1)		120	980 / 1800	6,5 / 13,6
	5000		XTEAWT-E0-CSMD-00000BLE3		115	1145 / 2080	6,8 / 14,2
			SPHWH2L3D30CD4RTP3 (Q1)		120	1190 / 2185	6,5 / 13,6
			SPHWHTL3D50CE4RTQF	350 / 700 / 1050	128	1170 / 2170 / 3035	7,1 / 14,9 / 23,3
			SPHWHTL3D50CE4RTQF (SB)			1320 / 2450 / 3430	7,1 / 14,9 / 23,3
			XPGDWT-BS-0000-00ME3		125	1200 / 2225 / 3110	6,6 / 13,8 / 21,2
			XPLBWT-00-CARH-000BV60E3			1265 / 2335 / 3320	6,5 / 13,3 / 20,5

* Values are shown at the calculated value of the luminous flux temperature
Other types of LEDs with equivalent PADs can be used as per customer requirements.

NEO-H-24LS2835-36/220V

SAMSUNG 46.5x54mm | AL 1.0 | Ø3.3 3pcs | 220V | SMD 2835

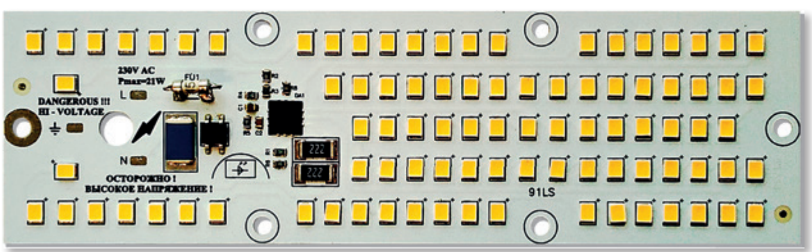


Model	CCT, K	LEDs	LED	Voltage, V	FWHM, °	Typical luminous flux, lm (Tj=50 °C)	Typical power, W *
NEO-H-24LS2835	5000	24	SPMWH12245Q5W8R0SA	220	120		
	4000		SPMWH12245Q5W8T0SA				
	3000		SPMWH12245Q5W8V0SA				

* power and luminous flux are measured at the same Tj of LEDs

NEO-L-91LS2835-AC

SAMSUNG 145x43 mm | AL 1.6 | Ø3.3 6pcs | 220V | SMD 2835

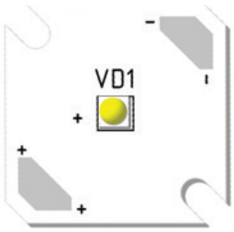
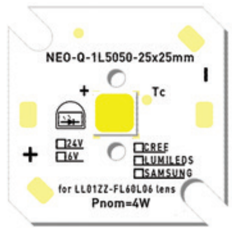
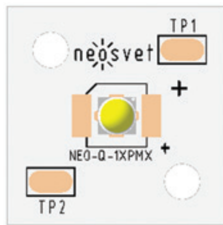
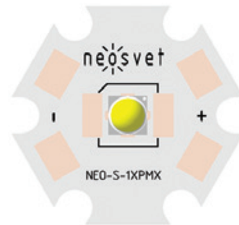
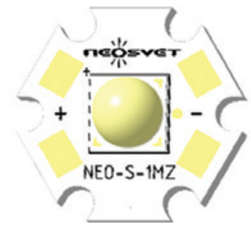


Model	CCT, K	LEDs	LED	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-L-91LS2835-AC	5000	91	SPMWH1228FD5WAR0SE		2380	16,5
	4000		SPMWH1228FD5WAT0SE		2315	
	3000		SPMWH1228FD5WAV0SE		2205	

* power and luminous flux are measured at the same Tj of LEDs

NEO-x-1

AL 1.6 | 3.45x3.45 | LMZ 4042 | LXR 7070 | SMD 5050

NEO-Q-1XP	NEO-Q-1L5050	NEO-Q-1XPMX	NEO-S-1XPMX	NEO-S-1MZ
				
25x25 mm	25x25 mm	20x20 mm	20x20 mm	20x20 mm

Model	CCT, K	LEDs	LED	Current, mA	FWHM, °	Typical luminous flux, lm (Tj=85 °C)	Typical power, W*
NEO-x-1	3000	1	XPGDWT-H1-CARH-00HE7	350 / 700	125	139 / 257	0,9 / 2
			SPHWH2L3D30ED4V0K3 (M1)		120	140 / 257	0,9 / 1,9
	5000		XTEAWT-E0-CSMD-00000BLE3		115	164 / 297	1 / 2
			SPHWH2L3D30CD4RTP3 (Q1)		120	170 / 312	0,9 / 1,9
			SPHWHTL3D50CE4RTQF	350 / 700 / 1050	128	168 / 310 / 434	1 / 2,1 / 3,3
			SPHWHTL3D50CE4RTQF (SB)			189 / 350 / 490	1 / 2,1 / 3,3
			XPGDWT-BS-0000-00ME3		125	172 / 318 / 445	0,9 / 2 / 3
			XPLBWT-00-CARH-000BV60E3			267 / 420 / 560	0,9 / 1,9 / 2,9
	5000		L150-5070500600000	400 / 640 / 800	116	395 / 600 / 730	2,3 / 3,8 / 4,9
			L150-5080500600000			370 / 560 / 680	
			L150-50705006000S0			395 / 605 / 735	2,2 / 3,7 / 4,8
			SPHWH1L5N603YER5A2		120	410 / 620 / 740	2,3 / 3,8 / 4,9
			JR5050AWT-Q-B50EB0000-N0000001			380 / 580 / 700	2,3 / 3,8 / 4,9
	4000		L150-4070500600000		116	400 / 610 / 735	2,3 / 3,8 / 4,9
			L150-4080500600000			375 / 565 / 690	
			L150-40705006000S0			395 / 605 / 735	2,2 / 3,7 / 4,8
			SPHWH1L5N603YET5A2		120	410 / 620 / 740	2,3 / 3,8 / 4,9
			JR5050AWT-Q-B40EB0000-N0000001			380 / 580 / 700	2,3 / 3,8 / 4,9
	3000		L150-3080500600000		116	350 / 530 / 645	2,3 / 3,8 / 4,9
			L150-30805006000S0			345 / 530 / 645	2,2 / 3,7 / 4,8
			SPHWH1L5N605YEV5A2		120	355 / 530 / 635	2,3 / 3,8 / 4,9
			JR5050AWT-Q-H30EB0000-N0000001			345 / 525 / 635	2,3 / 3,8 / 4,9
	5000		L150-5070502400000	100 / 160 / 200	116	385 / 580 / 705	2,3 / 3,8 / 4,9
			SPHWH1L5N603XER5A2		120	405 / 615 / 740	2,2 / 3,8 / 4,9
			JR5050AWT-Q-B50EH0000-N0000001			370 / 570 / 690	2,3 / 3,9 / 5
			RF-Q50SA50A-24-H8			380 / 580 / 700	2,3 / 3,8 / 5
	4000		L150-4070502400000		116	360 / 550 / 665	2,3 / 3,8 / 4,9
			SPHWH1L5N603XET5A2		120	405 / 615 / 740	2,2 / 3,8 / 4,9
			JR5050AWT-Q-B40EH0000-N0000001			370 / 570 / 690	2,3 / 3,9 / 5
			RF-Q50SA40A-24-H8			380 / 580 / 700	2,3 / 3,8 / 5
	3000		L150-3080502400000		116	350 / 535 / 650	2,3 / 3,8 / 4,9
			SPHWH1L5N605XEV5A2		120	345 / 530 / 640	2,2 / 3,8 / 4,9
			JR5050AWT-Q-B30EH0000-N0000001			355 / 545 / 660	2,3 / 3,9 / 5

* power and luminous flux are measured at the same Tj of LEDs

DESIGN
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MANUFACTURING

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