

image

Rectangular / Linear



Working temperature range	-30°C ÷ +60°C
Luminous flux tolerance	±10%

Rectangular / Linear

ORDER CODE AND TECHNICAL SPECIFICATIONS OF VARIANTS

VARIANT CODES IN THE TABLE BELOW TECHNICAL SPECIFICATIONS OF VARIANTS IN DATASHEET OF VARIANT

GENERAL TERMS OF USE

- Pay attention to the correct polarity when connecting the LED modules. Incorrect polarity could potentially damage them.
- Modules should be attached to heatsink to dissipate heat from LED module. Temperature on the module shouldn't be higher than recommended by Cree®. Due to power of the module, appropriate heatsink should be used with thermal conductive tape or paste. The lower temperature on LED module causes longer lifetime.
- During installation of the LED module it is absolutely necessary to use ESD protection. Luminaire design should protect the module from ESD.
- Lenses, diodes and other components on the module must be protected against mechanical damage and exposure to liquids and dirt.
- The modules can not have contact with hazardous and corrosive substances or aromatic organic compounds such as toluene, acetone, xylene, benzene.
- For installation of modules substances recommended and tested by the CREE LED® should be used. The list of substances available on the manufacturer's website: cree-led.com. In case of using substances not listed on official list of the chemical compatibility tests have to be done before use.

ENVIRONMENTAL CAUTION!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.

ORDER CODE AND TECHNICAL SPECIFICATIONS OF VARIANTS

Index	CCT [K] / λ [nm]	Lumen Output [lm]	Max lumen output [lm]	CRI/RA	Max power [W]	Typ current [A]	Max current [A]	Length [mm]	Width [mm]	PCB type	LED family
MOD-66R566x55-JB2835B-3080-VA02	3000K	1915	13830	80	96.3	330	2800	566	55	MCPCB	JB2835B
MOD-66R566x55-JB2835B-4080-VA02	4000K	2035	14700	80	96.3	330	2800	566	55	MCPCB	JB2835B
MOD-230R450x200-JR5050C-5790-VA03	5700K	59500	158350	90	1080	2800	8000	450	200	MCPCB	JR5050C
MOD-12RW50172SP-5050E730	3000K	4693	12282	70	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E740	4000K	4886	12788	70	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E750	5000K	4886	12788	70	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E757	5700K	4886	12788	70	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E830	3000K	4316	11296	80	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E840	4000K	4561	11936	80	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E850	5000K	4561	11936	80	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050E957	5700K	3828	10018	90	72.1	700	2000	172	50	MCPCB	JR5050C
MOD-12RW50172SP-5050K730	3000K	4371	11160	70	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K740	4000K	4593	11727	70	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K750	5000K	4593	11727	70	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K757	5700K	4593	11727	70	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K830	3000K	4078	10413	80	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K840	4000K	4290	10954	80	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K850	5000K	4290	10954	80	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050K957	5700K	3604	9201	90	73.1	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q730	3000K	4026	9926	70	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q740	4000K	4224	10416	70	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q750	5000K	4224	10416	70	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q757	5700K	4224	10416	70	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q830	3000K	3827	9436	80	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q840	4000K	4026	9926	80	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q850	5000K	4026	9926	80	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-12RW50172SP-5050Q957	5700K	3429	8456	90	76.7	700	2000	172	50	MCPCB	JR5050B
MOD-16RW50223SP-5050E730	3000K	6257	16376	70	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-5050E740	4000K	6515	17051	70	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-5050E750	5000K	6515	17051	70	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-5050E757	5700K	6515	17051	70	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-5050E830	3000K	5755	15062	80	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-5050E840	4000K	6081	15914	80	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-	5000K	6081	15914	80	96.2	700	2000	223	50	MCPCB	JR5050C

5050E850											
MOD-16RW50223SP-5050E957	5700K	5104	13357	90	96.2	700	2000	223	50	MCPCB	JR5050C
MOD-16RW50223SP-5050K730	3000K	5828	14880	70	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K740	4000K	6124	15636	70	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K750	5000K	6124	15636	70	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K757	5700K	6124	15636	70	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K830	3000K	5438	13883	80	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K840	4000K	5720	14605	80	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K850	5000K	5720	14605	80	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050K957	5700K	4805	12268	90	97.5	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q730	3000K	5367	13235	70	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q740	4000K	5632	13889	70	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q750	5000K	5632	13889	70	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q757	5700K	5632	13889	70	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q830	3000K	5102	12581	80	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q840	4000K	5367	13235	80	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q850	5000K	5367	13235	80	102	700	2000	223	50	MCPCB	JR5050B
MOD-16RW50223SP-5050Q957	5700K	4572	11274	90	102	700	2000	223	50	MCPCB	JR5050B