

Specific technical data of our 1130 mm LED modules.

Please do not hesitate to contact us for technical specifications of other module lengths.

Color rendering index CRI: Ra >80

Type	Color temperature	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. forward current (2) (3) (4)	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. power consumption per module at tp = 25 °C	Efficacy of the LED module at tp = 25 °C	Efficacy of the LED module at tp = 65 °C
Operating mode HE at 250 mA, half loaded LED stripes									
KBSL1125H830...	3000 K	2680 lm	2560 lm	250 mA	30,7 V	37,7 V	17,2 W	153 lm/W	149 lm/W
KBSL1125H840...	4000 K	2760 lm	2640 lm	250 mA	30,7 V	37,7 V	17,2 W	159 lm/W	153 lm/W
KBSL1125H850...	5000 K	3000 lm	2840 lm	250 mA	15,3 V	18,9 V	17,2 W	172 lm/W	165 lm/W
Operating mode HE at 300 mA, half loaded LED stripes									
KBSL1125H830...	3000 K	3160 lm	2960 lm	300 mA	31,4 V	38,4 V	21,0 W	147 lm/W	142 lm/W
KBSL1125H840...	4000 K	3240 lm	3060 lm	300 mA	31,4 V	38,4 V	21,0 W	151 lm/W	146 lm/W
KBSL1125H850...	5000 K	3680 lm	3320 lm	300 mA	15,6 V	19,3 V	21,0 W	165 lm/W	158 lm/W
Operating mode HE at 350 mA, half loaded LED stripes									
KBSL1125H830...	3000 K	3580 lm	3360 lm	350 mA	32,0 V	39,1 V	24,8 W	141 lm/W	135 lm/W
KBSL1125H840...	4000 K	3680 lm	3480 lm	350 mA	32,0 V	39,1 V	24,8 W	145 lm/W	140 lm/W
KBSL1125H850...	5000 K	4000 lm	3760 lm	350 mA	16,0 V	19,6 V	24,8 W	158 lm/W	151 lm/W
Operating mode HE at 250 mA, fully loaded LED stripes									
KBSL1125V830...	3000 K	4920 lm	4580 lm	250 mA	57,4 V	69,0 V	31,4 W	153 lm/W	149 lm/W
KBSL1125V840...	4000 K	5080 lm	4820 lm	250 mA	57,4 V	69,0 V	31,4 W	159 lm/W	153 lm/W
KBSL1125V850...	5000 K	5280 lm	5040 lm	250 mA	28,2 V	34,5 V	31,4 W	165 lm/W	161 lm/W
Operating mode HE at 300 mA, fully loaded LED stripes									
KBSL1125V830...	3000 K	5760 lm	5440 lm	300 mA	58,7 V	70,3 V	38,6 W	147 lm/W	142 lm/W
KBSL1125V840...	4000 K	5960 lm	5620 lm	300 mA	58,7 V	70,3 V	38,6 W	151 lm/W	146 lm/W
KBSL1125V850...	5000 K	6200 lm	5840 lm	300 mA	29,8 V	35,2 V	38,6 W	158 lm/W	152 lm/W
Operating mode HE at 350 mA, fully loaded LED stripes									
KBSL1125V830...	3000 K	6580 lm	6180 lm	350 mA	59,9 V	71,5 V	45,6 W	141 lm/W	135 lm/W
KBSL1125V840...	4000 K	6780 lm	6360 lm	350 mA	59,9 V	71,5 V	45,6 W	145 lm/W	140 lm/W
KBSL1125V850...	5000 K	7040 lm	6640 lm	350 mA	29,4 V	35,8 V	45,6 W	151 lm/W	145 lm/W

(1) HE ... high efficiency, HO ... high output. (2) Tolerance range for optical and electrical data: ±10 %.

(3) Max. DC forward current 400 mA (4) Max. permissible peak current: 1 A at max. 10 ms