

# CERTIFICATE

No. U6 089086 0497 Rev. 00

**Holder of Certificate:** **BOKE Drivers Co., Ltd.**  
2nd and 3rd Floor, No.51, Xihuan 5th Road  
South District  
528455 Zhongshan City, Guangdong  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**

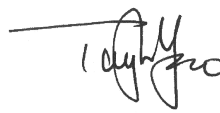


**Product:** **Electronic controlgear for LED modules  
(Constant Current LED Driver)**

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64142215014003

**Date,** 2024-07-19



( Taylor Yao )

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**Model(s):** BK-CWL040-BXXXXA; BK-CWL030-BXXXXA;  
 BK-CWL040-BXXXXB; BK-CWL030-BXXXXB;  
 BK-CWL040-XXXXA; BK-CWL030-XXXXA;  
 BK-CWL040-XXXXB; BK-CWL030-XXXXB;  
 BK-CWL022-BXXXXA; BK-CWL022-BXXXXB;  
 BK-CWL018-BXXXXA; BK-CWL013-BXXXXA;  
 BK-CWL013-BXXXXB; BK-CWL009-BXXXXA;  
 BK-CWL060-BXXXXA; BK-CWL050-BXXXXA;  
 BK-CWL060-BXXXXB; BK-CWL050-BXXXXB;  
 BK-CWL080-BXXXXA; BK-CWL080-BXXXXB  
 ('XXXX'=0100-2000 indicates rated output current  
 (I<sub>rated</sub>) 0.10-2.00A, in steps of 0.01A)

**Brand Name:** BOKE



**Parameters:**

Rated Input Voltage: 200-240V AC/DC  
 Rated Frequency: 0/50/60Hz  
 Rated Input Current: See below table for details  
 Rated Output: See below table for details  
 Protection against Electric Shock: Class I (with endcap); SELV  
 Degree of Protection: IP20 (with endcap)  
 Method of Installation: Independent (with endcap);  
 Built-in (without endcap)  
 Type of Output: Constant current type  
 ta: 60°C  
 tc: See below table for details

**Tested according to:** EN 61347-2-13:2014/A1:2017  
 EN 61347-1:2015/A1:2021  
 EN IEC 62384:2020

**Production Facility(ies):** 089086

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Model	Rated Input Current (A) Max.	Output Voltage (VDC)	I <sub>rated</sub> (mA)	P <sub>rated</sub> (W) Max.	U <sub>out</sub> (VDC)	tc (°C)
BK-CWL040-BXXXXA	0.24	28-38	1010-1050	39.9	50	90
		28-40	960-1000	40.0		
		28-42	500-950	39.9		
BK-CWL030-BXXXXA	0.21	28-42	200-750	31.5	50	90
BK-CWL040-BXXXXB	0.24	36-50	710-800	40.0	60	90
		36-54	200-700	37.8		
BK-CWL030-BXXXXB	0.21	36-54	150-600	32.4	60	90
BK-CWL040-XXXXA	0.24	28-38	1010-1050	39.9	50	90
		28-40	960-1000	40.0		
		28-42	500-950	39.9		
BK-CWL030-XXXXA	0.18	28-42	200-750	31.5	50	90
BK-CWL040-XXXXB	0.24	36-50	710-800	40.0	60	90
		36-54	200-700	37.8		
BK-CWL030-XXXXB	0.21	36-54	150-600	32.4	60	90
BK-CWL022-BXXXXA	0.15	28-38	560-600	22.8	50	90
		28-40	510-550	22.0		
		28-42	200-500	21.0		
BK-CWL022-BXXXXB	0.15	36-50	410-450	22.5	60	85
		36-54	150-400	21.6		
BK-CWL018-BXXXXA	0.11	28-40	410-450	18.0	50	90
		28-42	200-400	16.8		
BK-CWL013-BXXXXA	0.09	28-40	310-350	14.0	50	90
		28-42	150-300	12.6		
BK-CWL013-BXXXXB	0.09	36-54	100-250	13.5	60	85
BK-CWL009-BXXXXA	0.07	28-42	100-250	10.5	50	90
BK-CWL060-BXXXXA	0.38	28-38	1510-1650	62.7	50	90
		28-40	1460-1500	60.0		
		28-42	1000-1450	60.9		
BK-CWL050-BXXXXA	0.28	28-40	1210-1250	50.0	50	90
		28-42	750-1200	50.4		
BK-CWL060-BXXXXB	0.38	36-50	1110-1200	60.0	60	90
		36-54	750-1100	59.4		
BK-CWL050-BXXXXB	0.28	36-50	910-1000	50.0	60	90
		36-54	500-900	48.6		
BK-CWL080-BXXXXA	0.45	28-40	1960-2000	80.0	50	95
		28-41	1910-1950	79.95		
		28-42	1200-1900	79.8		
BK-CWL080-BXXXXB	0.45	36-50	1460-1600	80.0	60	95
		36-54	850-1450	78.3		