JL-245CN

CN Smart IoT Dimming Photocontrol

Datasheet ref. JL-245CN EN 2307V6 Issue date 12 November 2026 Type Engineering data

Product type	Smart IoT dimming photocontrol (twist-lock controller), ANSI C136.41 interface
Rated voltage	120–277 VAC; applicable range 105–305 VAC
Rated frequency	50/60 Hz
Dimming output	0–10 VDC
Uplink communication	NB-IoT, SIM card slot provided
Spectral acquisition	350–1100 nm, peak wavelength 590 nm
Rated loading	1000 W tungsten; 1000 VA ballast; 8 A at 120 VAC / 5 A at 208–277 VAC electronic ballast
Operating levels	Turn-on below 100 lx, turn-off above 150 lx (factory setting, adjustable per request)
Power consumption	1.2 W static, 2.4 W dynamic
Ambient temperature	−40 °C to +70 °C
Relative humidity	96%
Fail mode	Fail-On
Housing material	PC
Surge protection	6 kV / 3 kA, differential mode
Ingress protection	IP67
Factory setting	Remote control + adaptive mode
EMC standards declared	IEC 61000-4-2/-3/-4/-5/-6/-11, IEC 61000-3-2, GB/T 17743-2017, GB/T 2423.10-2008, UL94 V-0

Price, MOQ, lead time and OEM drawings: chi-swear.com/c · sales@chiswear.com