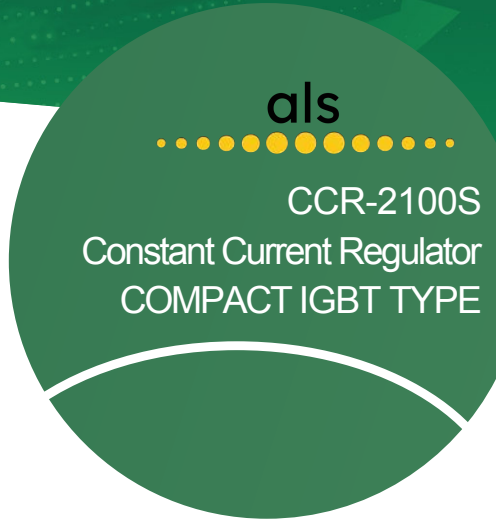


als

airfield lighting systems

Big enough to cope,
small enough to care.



ICAO • Aerodrome Design Manual Part 5
 IEC • 61822
 FAA • AC 150/5345-10

AENA • DIN/DSEYN/PPT/002-05/13

Compliant with NATO, UK &
 US Military Specifications

FEATURES

- **IEC 61822**
Tested by BV and proved in conformity with IEC 61822
- **CE**
EU CE certified
- **IGBT**
IGBT high frequency PWM and pure sine wave output
- **32-BIT**
32-bit high speed processor providing microsecond speed in transaction
- Up to 6 brightness steps, user adjustable output current
- 1000M high precision on-line insulation resistance measurement
- Lamp fault detection provides accurate detection of burnt lamps
- Natural cooling and no noise
- **0.99**
Power factor exceeding 0.99
- Perfectly suitable for loads of various characteristics
- Effectively increase life expectancy of light sources
- 7 inches full color touch screen provides rich information
- Flexible parameter settings
- Lightning protection at both input and output sides
- Comprehensive over current and over voltage protection
- Various types of remote control interfaces
- **100+**
Choice of 100+ airports worldwide

TECHNICAL DATA

Operating Temperature • -30°C~+55°C

Power Factor (nominal) • ≥0.99 Emission

• IEC 61000-6-4 Protection Class • IP21

Tolerance • ±0.1A

Humidity • 10%~95%

Open Circuit Output Voltage •
 < 1.3 times the rated output voltage

Immunity • IEC 61000-6-2

Input Voltage • AC 220/230/380/400V±10% 50/60Hz

Output Power • 2.5~10kVA (AC 380/400V) 2.5~7.5kVA (AC220/230V)

Altitude • ≤5000m

Efficiency • ≥92%Service

Life • > 12 years

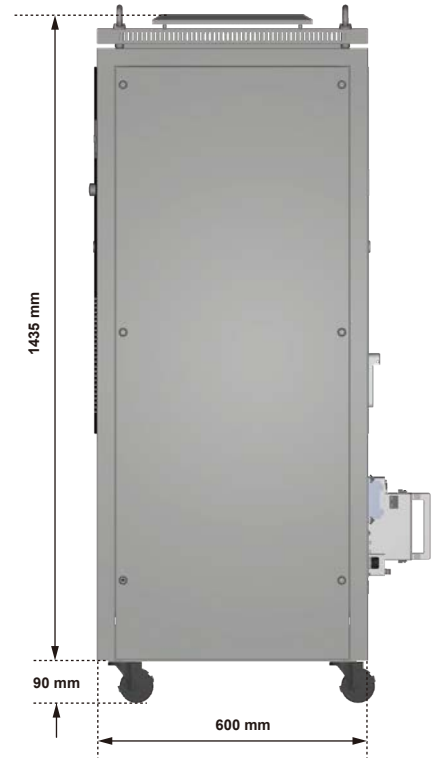
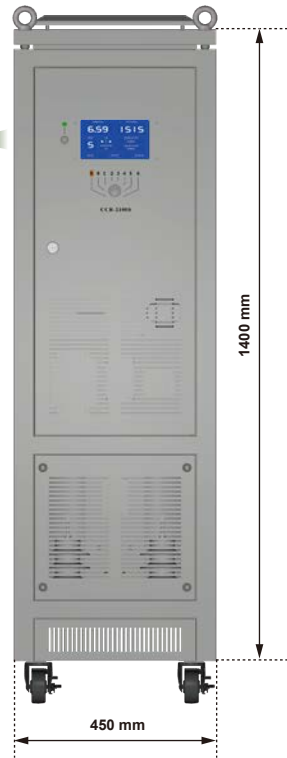
Remote Control • Multi-wire (DC24V/48V), Redundant Modbus/Modbus-TCP, PROFIBUS and CAN

ACCESSORIES

DIMENSIONS



- ⊙ Lifting lugs
- ⊙ AENA remote control connector
- ⊙ Series circuit cut-out
- ⊙ Circuit selector
- ⊙ Casters



PACKAGING

Power (kVA)	Dimensions (L x W x H, mm)	Net Weight (kg)		Gross Weight (kg)	
		380V/400V	220V/230V	380V/400V	220V/230V
2.5	610x760x1650	149	149	175	175
5		178	178	206	206
7.5		204	204	230	230
10		212	/	238	/

* Above data are reference values of one unit of standard CCR

Airfield Lighting Systems UK Limited (Headquarters)

Head Office: Aviation House, Russell Gardens,
Wickford, Essex, SS11 8BF

Tel: +44 1702 547562

ALS MENASA Trading FZCO

Address: JAFZA One, Office FZJOAB0610 -
Jebel Ali Freezone - Dubai -
United Arab Emirates

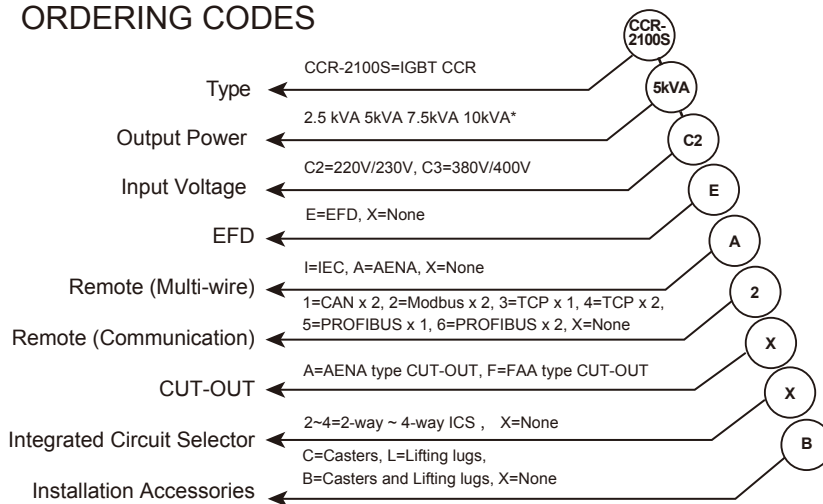
Tel: +44 1702 547562 ex 218

Website: www.airfieldlightingsystems.com
Email: sales@airfieldlightingsystems.com



Airfield Lighting Systems UK (ALS) is a brand of International Airport Visual & Navigational Aids Limited (IAVNA). Please visit www.iavna.net for further details.

ORDERING CODES



* 10 kVA is only applicable for input voltage of 380/400V