

TECHNICAL DATASHEET · AVIATION AND HELIPORT LED LIGHTING - AERO SERIES

DCR Constant Current Regulator for Pearl LED Airfield Lighting

EcoSolaris code: ECO-LED-74 · Designed and manufactured in Europe · OSRAM LEDs



Power and control unit delivering a constant 1.4 A for Pearl airfield lighting, with a maximum output voltage of 400 V and three intensity steps. Available with one or two independent 450 W outputs, optionally with ARCAL radio control. Protection against open circuit and overcurrent, minimum IP40, -40 to +50 degrees C.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Power supply	230 V AC 50/60 Hz
Maximum output voltage	400 V
Output current	1.4 A constant
Single-output version	1 x 450 W (500 W), 1.4 A
Single-output version with radio	1 x 450 W, 1.4 A, ARCAL
Dual-output version	2 x 450 W (2 x 500 W), 1.4 A
Dual-output version with radio	2 x 450 W, 1.4 A, ARCAL
Intensity steps	3
Protections	Open circuit, overcurrent
Light connection	Series, FAA L-823 cables with quick connectors
Ingress protection	Minimum IP40
Operating temperature	-40 degrees C to +50 degrees C
Markings	CE, F-Mark

Features

- Constant current 1.4 A, output voltage up to 400 V
- Three-step intensity control
- One or two independent 450 W outputs
- Optional ARCAL radio control
- Protection against open circuit and overcurrent
- Works with pre-made FAA L-823 cables
- Operating range -40 to +50 degrees C

Recommended applications

Airport lighting

Powering Pearl series circuits