

# Titan-1 Single-Colour

Hig-Power LED Floodlight with on-board drive



## Features

- On-board driver technology
- Thermal feedback circuit
- Powered by Luxeon Rebel™
- Weatherproof to IP68
- Wide input range 12-30V DC
- Tough and durable machined aluminium housing.
- Vandal-proof polycarbonate front.

## Description

The Titan-I is a very high-powered single-colour LED floodlight for its size, using 12 high-power Luxeon Rebel™ LEDs. The Titan-I is IP68 rated and so is at home in any indoor or outdoor application.

The fully adjustable and lockable bracket ensures easy mounting on most surfaces and an optional ground spike is available for installations in soft ground.

Available in various colour combinations the Titan-I can create any mood or effect that you desire.

The Titan-I has on-board driver technology and so can be connected directly to a 12-30V DC power source, whilst thermal feedback circuitry ensures that the LEDs do not overheat due to adverse ambient temperatures.

### RECOMMENDED DRIVERS

Model
<b>D6CV12</b>
<b>D100CV12</b>

We reserve the right to make changes at any time in order to maintain the highest product quality.

Titan-I SC On-Board Drive - Revision B - 14 Jan 2010

### LIGHTING PERFORMANCE

Model	Light Source	LED Qty	Lumen Output	Expected Lifetime
<b>350mA</b>	Luxeon Rebel	12	1140 @ 350mA	50,000hrs +
<b>700mA</b>	Luxeon Rebel	12	1920 @ 700mA	50,000hrs +

NB: Lumen values quoted on Cool White (6500°K)

### INPUT DATA

Model	Approx. Power Consumption	Input Voltage	Power Supply	Input Connection
<b>350mA</b>	16.8W	12-30V DC	Constant Voltage DC	Flying Lead
<b>700mA</b>	30W	12-30V DC	Constant Voltage DC	Flying Lead

### OPERATING DETAILS

Model	LED Drive Current	Ambient Temperature Range
<b>350mA</b>	350mA	-10 to +40 Degrees C
<b>700mA</b>	700mA	-10 to +40 Degrees C

### PHYSICAL DETAILS

Model	Mounting Type	Finish	Ingress Protection
<b>Single-Colour</b>	Aluminium rotating bracket	Matt Silver Anodised	IP68 @ 1 Bar

### OPTIONS

Model	Optics
<b>Single-Colour</b>	6, 15, 25, 40 degrees (half-divergence angle)

### COLOURS

Model	Single LED Colours
<b>Single-Colour</b>	Red, Green, Blue, Amber, Cool White, Neutral White, Warm White

### DRIVE LIMITATIONS

Model	Max. number of Units per Driver (12V)	
	D6CV12	D100CV12
<b>350mA</b>	3	6
<b>700mA</b>	2	3

### PROFILE DIMENSIONS

