

## 12-30V DC Single Colour LED String Modules



AQUA LED

### Benefits

- The three key benefits of LEDs, Efficiency, Lifetime, and Safety,
- Maintenance free operation
- Energy efficient
- Long life 50,000 Hrs +
- Reliability

- 12-30V DC Input
- Powered by Luxeon Rebel™
- Weatherproof IP68 Construction
- Available in custom lengths
- Ideal for underwater and outdoor applications

### Features

Lumen Output	73.5 Lumens
Wattage	1.2 Watt
Input Power	12-30 volt dc
Efficacy	61.2 lm/W C/W
Color Temperature (CCT)	2300-6000K
Color Rendering Index (CRI)	80
Beam Spread	60 degs
Rated Life	50,000 Hrs
LEDs	1 x Luxeon Rebel
Housing	Polished Aluminium
Mounting Options	Surface
Dimensions	30mm X 10mm X 64mm
Warranty	2 Years
Environment	IP68

### Applications

- Under Water Lighting
- Outdoor Applications
- Retail Displays
- Signage
- Back Lighting

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# AQUA-LED

## Weights & Thermal Data

Lamp Type	Weight (kg)	Minimum Operating Temp (-20°C)	Maximum Ambient Temp (+40°C)
LED	.02kgs		

## AQUA LED Single Colour

The Aqua LED is flexible string of IP68 LED light modules that allows designers and architects to create the mood, or effects required for a variety of outdoor projects.

Typically used for under-water lighting this unique product can also be used for retail displays, signage, back lighting or architectural lighting.

Aqua LED includes an "on board driver" system available in 350mA, 500mA, and 700mA.

Up-to 62 units can be powered from a 100W 12VDC transformer simplifying installations and creating new opportunities for LED lighting systems.

Available in standard strings of 3, 6, 9, or 12 and with 250mm spacing between modules.

*Custom strings available upon request.*

### LIGHTING PERFORMANCE

Light Source	LED Qty	Lumen Output	Expected Lifetime
Luxeon Rebel	1	73.5 @ 350mA	50,00hrs +

### INPUT DATA

Drive Current	Input Voltage	Power Supply Type	Input Connection
350mA	N/A	Constant Current RGB	RJ45 (2.5M cable)

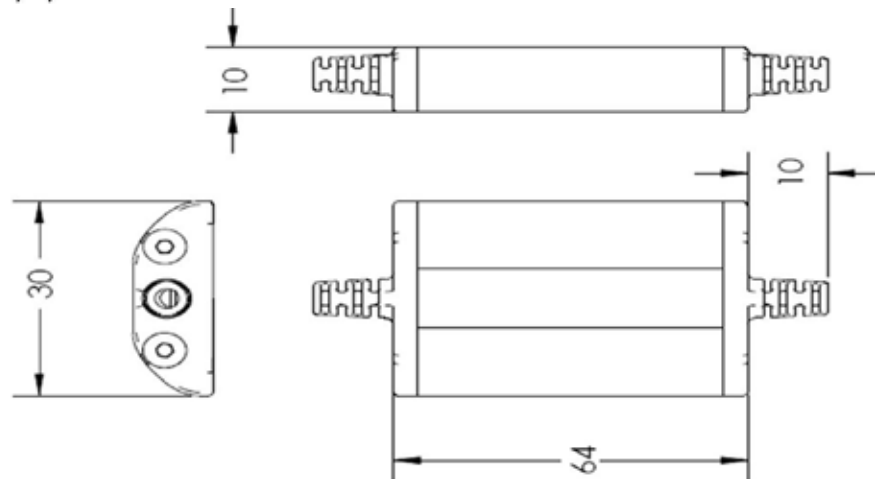
### OPERATING DETAILS

LED Drive Current	Ambient Temp Range
350/500/700mA (must be specified at time of order)	-10 to +40 Degrees C

### PHYSICAL DETAILS

Mounting Type	Finish	Ingress Protection
Rear Mounting Bracket	Bright Polished Anodising	IP68 @ 1 Bar

### Available Light Output Colours



## Order Details

Description Code	String				LED Colour							Driver		
	3	6	9	12	R	G	B	Y	WW	NW	C/W	350mA	500mA	700mA
AQUA LED S/C														
ED55-AQUA														
*		*									*		*	
<b>Example Order(*) ED75-AQUA-6-C/W-500</b>														

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

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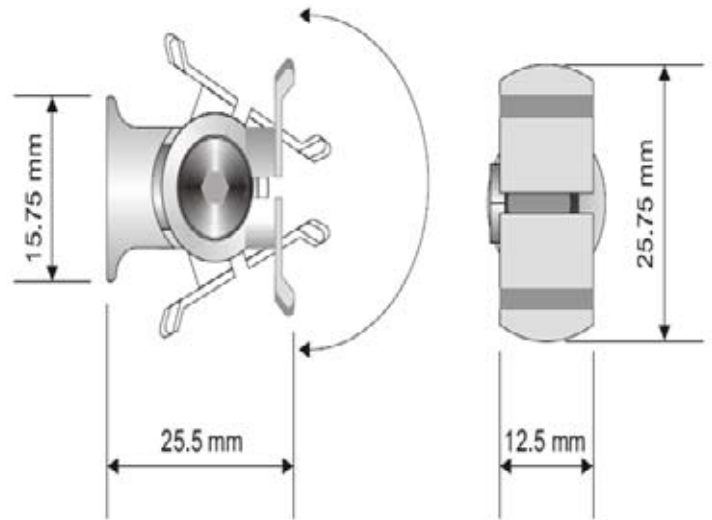
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AQUA-LED-S/C REV-A SEP-2009

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# LOTIS-Profile Adjustable Bracket



## Features

Especially Designed for the LOTIS Profile

Unique Screw and Fix Mounting

Full 180 Deg Movement

Innovative Tightening Method

Easy to Install

## Description

The mini-profile bracket is designed specifically for the Lotis mini profile LED and similar strips and is extremely easy to fit

One or two Mini-profile brackets (depending on the product) are required to mount the LED strip in any situation where adjustable lighting angles are required.

The mini-profile bracket is a two part mounting system allowing the brackets to be aligned accurately on the required surface without having to hold the LED strip in place. The system is very simple to use and can be fitted in minutes.

Once fitted, the Mini-Profile mounting system can be adjusted and locked to any angle (180 degs of movement) using the integral M5 hexagon screw.

### Compatible Products

LOTIS MINI-PROFILE
LOTIS MINI-PROFILE RGB
LOTIS AQUA LED
LOTIS AQUA LED RGB



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