

# WT1 Screw Fix

## 720 Lumens 9W & RGB High power underwater LED light

The WT1 is an extremely elegant and powerful LED light. Designed to replace the old inefficient and hot halogen light.

Form and function combined to enhance modern lighting systems that demand high light output with 100% controllability, near zero heat projection and extreme reliability.



### Mechanical

Case material	Aluminium (6000 series) or 316 stainless steel
Case finish	Anodised (15 thou.) stainless steel effect or to custom finish.
Lens material (main)	Ploy methyl methacrylate (PMMA)
Lena material (top)	3mm Glass
Diameter (overall)	100mm
Flush fit (rim protrusion )	22mm domed effect
Rear	Flush fit
Lens (top) diameter	76mm (3.5mm thick)
Light aperture	60mm
Weight	220 grams
Fixing	3 x 5mm fixing points
Rating	IP68

### Optical

Luminous Flux (total)	720Lumen white
RGB	3Watt
Colour	6000,4100*, 3000* deg K (cool neutral, warm
CRI (colour rendering index)	90
Light maintenance	>70,000 hours (to 70% light flux @ 100% duty)
Ultra-violet emission	Zero

### Temperature

Case power dissipation	9 watts
Maximum case temperature	50 deg C (20 deg ambient)

### Cable Requirement for RGB

4 core	2.5mm armoured
--------	----------------