

WT4-1400 Screw Fix

1400 Lumens 13W Flood, RGB 10W High power underwater LED light

The WT4-1400 Lumens offers 100° Flood, set in an extremely elegant flush fitting housing, with screw fix application

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.
Protective coat	ProtectaClear Polymeric resin
Lens material (bottom)	Ploy methyl methacrylate (PMMA)
Lena material (top)	Glass laminated
Diameter (overall)	140mm
Flush fit (rim protrusion)	5mm
Rear	35 X 90mm Diameter
Rear cable secure	M12 IP68 cable gland
Lens (top) diameter	76mm
Light aperture	70mm
Weight Light	500grams
Fixing	3 X M6 Alan key for Niche application
Rating	IP68
IK	10



100° Flood

Eight none lensed LED's @90 Lumens per watt run @ 2 watts per led. Total Lumens 1280 @18watts.

Optical

Luminous Flux (total)	1400 Lumen
Colour	5000,4100*, 4000* 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
RGB	10 Watt Single LED

Temperature

Case power dissipation	14 & 18 watts
Maximum case temperature	50 deg C (20 deg ambient)

Electrical

Digital control	(dimming with a single S wire)
Power dissipation	14 watts for the WT-960 18 Watts for the WT-1280
Power voltage	24V DC.
Three wire connection	Red + Blue 0 Green S
Full digital control	