

ROTOLIGHT TITAN™ X1

The Rotolight Titan™ X1 reinvents the 1x1 panel; featuring best-in-class power alongside a pioneering feature-set making it ideal for both studio and location. Featuring the world's first electronic diffusion technology, SmartSoft™, electronically control diffusion, focus and spread without the need for gels, while the full-colour touchscreen display saves time on set. With powerful High Speed Sync RGB flash, built in wireless connectivity (Bluetooth/wDMX) and class leading energy efficiency, Titan X1 is the ultimate 1x1 light.

With 16.7 million colours at your fingertips and a library of over 1400 industry standard gels accessible at the touch of a button, unleash your creativity on set at a moment's notice. With five lighting modes: CCT, HSI, RGBW, XY and Filter, unlock endless possibilities with full control over your colour. The Titan™ X1 flatters subjects in-camera and reduces the need for post-production, excelling in both CRI and TLCI performance across the entire CCT spectrum from 3,000K - 10,000K.

With a full-colour touchscreen display, preview each filter to achieve the exact colour you want at a moment's notice. Effortlessly access key features with an easy to use interface, quick-start icons and 50 user customisable presets.

Featuring the industry's first electronic diffusion technology, SmartSoft™, electronically adjust your light's diffusion, focus and spread without the need for gels. Like a 216 diffusion on an adjustable dial, SmartSoft™ provides the flexibility of a beautiful soft output and a harder light source all-in-one.

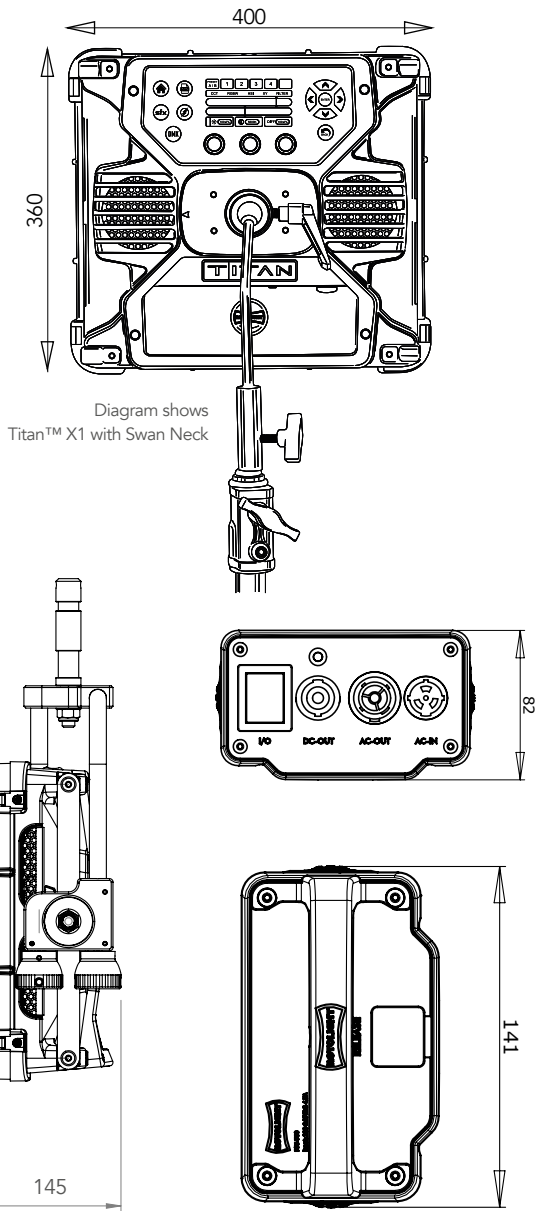
The Titan™ X1 also features Rotolight's award-winning suite of user customisable CineSFX™ (Fire, Lightning, TV, Gunshot, Paparazzi and more); providing endless creative possibilities on set. Equipped with the first High Speed Sync RGB flash (1/8000th) with zero recycle time for more power when you need it, Titan™ X1 is also ideal for professional studio and portrait photographers.



Photometric Data	1m / 3.3ft			3m / 9.8ft			5m / 16.4 ft			7m / 23 ft			9m / 29.5 ft		
	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K
Rotolight Titan™ X1															
Titan™ X1 No Diffusion	8240 lx 766 fc	12200 lx 1133 fc	8290 lx 770 fc	1060 lx 98 fc	1570 lx 146 fc	1090 lx 101 fc	468 lx 43 fc	693 lx 64 fc	477 lx 44 fc	237 lx 22 fc	377 lx 35 fc	261 lx 24 fc	168 lx 16 fc	254 lx 24 fc	174 lx 16 fc
Titan™ X1 50% Diffusion	8230 lx 765 fc	12600 lx 1171 fc	7560 lx 702 fc	1080 lx 100 fc	1650 lx 153 fc	913 lx 85 fc	474 lx 44 fc	724 lx 67 fc	395 lx 37 fc	240 lx 22 fc	397 lx 37 fc	217 lx 20 fc	167 lx 16 fc	261 lx 24 fc	143 lx 13 fc
Titan™ X1 Full Diffusion	4900 lx 455 fc	6170 lx 573 fc	3030 lx 281 fc	672 lx 62 fc	847 lx 79 fc	471 lx 44 fc	304 lx 28 fc	382 lx 35 fc	216 lx 20 fc	161 lx 15 fc	203 lx 19 fc	113 lx 10 fc	103 lx 10 fc	129 lx 12 fc	72 lx 7 fc
Titan™ X1 With Intensifier <small>(DOP Choice™ SnapBag for Titan X1 used as intensifier)</small>	8140 lx 756 fc	13500 lx 1254 fc	8400 lx 780 fc	1170 lx 109 fc	1730 lx 161 fc	1200 lx 111 fc	508 lx 47 fc	760 lx 71 fc	521 lx 48 fc	278 lx 26 fc	413 lx 38 fc	287 lx 27 fc	186 lx 17 fc	277 lx 26 fc	193 lx 18 fc

Rotolight Titan X1 measured using shipping production unit serial SKY000188 measured in September 2020 in a controlled environment, using a Sekonic C-800 light meter, Titan in Max Lux Mode. Lux readings accurate to +/- 10%.





Technical Specifications: Lamphead

LED System	Rotolight PentaChromatic Colour Engine™
Diffuser System	Rotolight SmartSoft™ Diffusion
Light Aperture	340 x 300 mm / 13.4" x 11.8"
Beam Angle	Electronically variable 68 degrees to 150 degrees
Weight	Titan™ X1 body: 6.8kg / 14.9 lbs Titan™ X1 + standard yoke: 8.6kg / 18.9 lbs Titan™ X1 + pole yoke: 10.2kg / 22.4 lbs Titan™ X1 + swan-neck: 7.9kg / 17.4 lbs
Dimensions	Titan™ X1 body: 400 x 145 x 360mm 15.7" x 5.7" x 14.1" Titan™ X1 body + standard yoke: 510 x 155 x 510mm 20" x 6.1" x 20" Titan™ X1 body + pole yoke: 545 x 170 x 500mm 21." x 6.6" x 19.6" Titan™ X1 + K-mount swan neck: 400 x 200 x 360mm 15.7" x 7.8" x 14.1"
Handling	Pole operated yoke (pan and tilt), standard yoke K-mount swan-neck with baby 16mm socket
Mounting	28mm Junior Spigot or 16mm baby spigot (K-Mount swan-neck)
Tilt Angle	+/- 90 Degrees
Lamphead DC Voltage Input	24 V DC
Power Consumption	230W Nominal
Lamphead Power Connection	Neutrik Speakon (Positive Pin 1+ 2+ / Negative Pin 1- 2-)
Battery DC Voltage Range	20.5 V DC to 26 V DC
Battery Mode Light Output	100% using Rotolight Titan™ 2 way regulated 24V battery adaptor
White Light	3000K to 10,000K continuously variable Correlated Colour Temperature
Coloured Light	Full RGBWW colour gamut with Hue, Saturation and Diffusion control
Colour Temperature Tolerance	+/- 50 K (nominal), +/- 5% green-magenta (nominal)
CRI	3200K >97, 5600K >95
TLCI	98
Green-Magenta Adjustment	Continuously variable (full minusgreen to full plusgreen)
Dimming	0 - 100 % continuous
Diffusion	0 - 2 stops continuous (0%- 100%)
Control	Local 5 pin DMX, RJ45, Bluetooth (via Luminair app), LumenRadio, wired/w.DMX, Elinchrom Skyport
Remote Device Management (RDM)	DMX setup, hour counter, and standard RDM commands
Flash	Skyport HSS (range 200M), up to 1/8000th sec
Software Interface	Firmware/software upgrade via USB-A
Factory Interface	Firmware installation, system configuration and calibration interface
Housing Colour	Black, red and silver
Ambient temperature operation	-20 to +45°C (-4 to 113 degrees Fahrenheit) Active Intelligent Thermal Management
Protection Class / IP Rating	IP20
Estimated LED Lifetime (L70)	50,000 hours
Estimated colour shift over lifetime (CCT)	+/- 5 %
Certifications	CE, FCC, UL, TÜV Rheinland , CB, cTUVus, PSE
Safety Testing	UL 1573:2003, UL 8750, CAN/CSA C22.2 No166-15:2015, CAN/CSA C22.2 No 9 051-97:2011, CSA C22.2 NO. 250.13 IEC 60598-1 - Luminaire Safety EN 62471 - Photobiological safety of lamps and lamp systems

Technical Specifications: Power Supply Unit

Power Supply Input Range	110 to 240 V AC, 50/60 Hz
Power Supply Output	24 V DC 350 watt
Power Input Connector	PowerCON TRUE1 (Bare Ends/Shuko/Edison cables available)
Power Output Connector	PowerCON TRUE1 (mains power through)
DC Output Connector	Female speakCON (positive pin 1+ 2+ / negative pin 1- 2-)
Weight	3.6kg / 7.9 lbs
Dimensions	380 mm x 135 mm x 85 mm
Control	On-board latching on/off switch
Mounting	Central K-Mount, latching K-Mount, or to truss/pole via K-Mount adapter with superclamp
Certifications	CE, CB, cNRTLus, TUV, FCC, PSE, UL

Accessories:

Titan™ X1 spares and accessories are available at rotolight.com and selected resellers.