

ROTO LIGHT



THE MOVIE MAKER  
★★★★★  
**GEAR  
OF THE  
YEAR**  
AWARDS 2019  
★★★★★  
**WINNER**

**TITAN**

A NEW ERA OF CINEMATIC LIGHTING

# A New Era of Cinematic Lighting

## Redefining the standard for studio and location

The Rotolight Titan™ family of pioneering LED soft lights utilizes state of the art RGBWW technology to provide unparalleled light output, outstanding colour accuracy and a suite of industry-first features designed to enhance your creative possibilities. Featuring over 30 patent protected technologies\*, the Titan™ range represents the pinnacle of LED lighting, pushing the boundaries of innovation and technical excellence.

\*includes granted and pending applications





# Power. Performance. Precision.

## Experience best-in-class output

Titan™ fixtures are the brightest soft lights ever made; providing enough power to adapt to any lighting situation. The Titan™ family delivers meticulous performance across the entire CCT spectrum from 3,000K – 10,000K.





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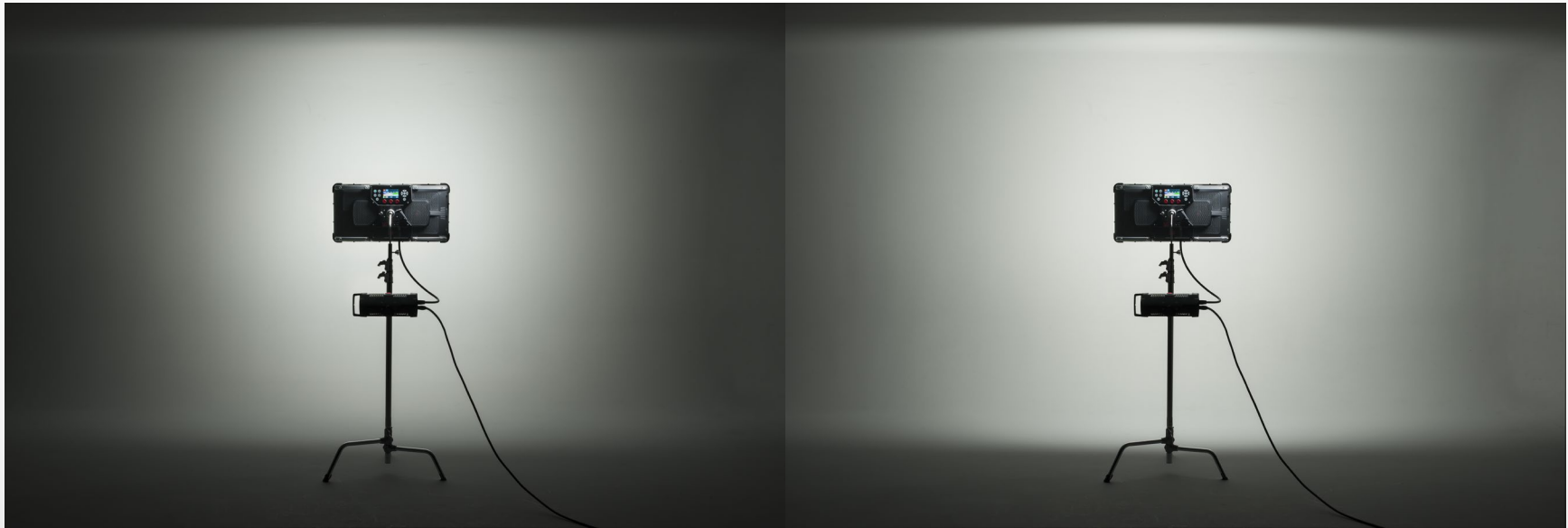
VIDEO HI-TEC



# Introducing SmartSoft™

## Diffusion with a Difference

A revolution in lighting control, saving both time and money on set, SmartSoft™ allows you to 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.



SmartSoft™ Diffusion at 0%

SmartSoft™ Diffusion at 100%



## A World of Colour at Your Fingertips

**Harness over 16.7 million colours in seconds**

Featuring an extensive library of over 1,300 industry standard gels accessible at the touch of a button, unleash your creativity on set at a moment's notice. With six lighting modes: CCT, HSI, RGBW, XY, Filter and SFX unlock endless possibilities with full control over your colour.







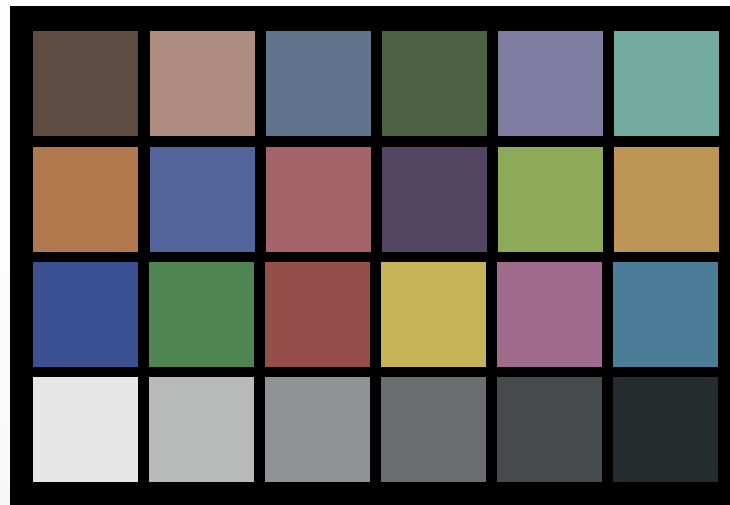
# Uncompromising Colour Accuracy

## Save time in post-production

Experience superior colour rendition with Rotolight's specially engineered PentaChromatic Colour Engine™ to ensure beautiful, precise skin tones and vivid colour saturation. Excelling in both CRI and TLCI performance, Titan™ flatters subjects in-camera and reduces the need for post-production.

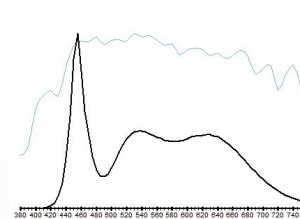
Rotolight Titan™ X2: CCT = 3200K ( -0.1 )

TLCI-2019: 99 (3200K)



EBU: TLCI-2019  
Measured at 3200K  
using UPRTek C600

Sector	Lightness	Chrome	Hue
R	0	0	0
R/Y	0	0	-
Y	0	-	-
Y/G	0	-	0
G	0	-	0
G/C	0	0	+
C	0	0	0
C/B	0	0	---
B	0	--	--
B/M	0	-	0
M	0	0	0
M/R	0	0	0



# Intuitive. Fast. Responsive.

## Functionality without the fuss

Effortlessly access key features with an easy to use interface, quick-start icons, and 10 user customisable presets, saving time on set. With a full-colour touchscreen display, preview Titan's™ extensive filter library to ensure that you achieve the exact colour you want at a moment's notice.





## Unrivalled Flexibility

### Effortless rigging

Uniquely versatile, the Titan™ range is supplied with a variety of mounting options and can be positioned at any angle as well as stacked into large arrays. Featuring secure aluminium handles, Titan™ LEDs are easy to manoeuvre and fast to setup on even the most demanding of sets.



## Powerful yet Efficient

The perfect companion in studio or on location

With best-in-class energy efficiency, the Titan™ range are compelling fixtures no matter where you're shooting. Lower your operating costs in studio whilst keeping talent cool and reduce servicing bills with a >50,000 hour LED lifespan. Easy to transport, quick to setup and with excellent battery performance, the Titan™ family is equally at home in studio or on location.





Fire



Lightning



TV

## Cutting-Edge Special Effects

### The ultimate creative arsenal

Our award-winning suite of CineSFX™ (Fire, Lightning, TV, Gunshot, Paparazzi and more) allow you to add drama to a scene at a moment's notice. Customize, save and instantly recall your favourite settings to reduce time on set. Designed in conjunction with Stefan Lange, visual FX veteran (*Batman*, *Skyfall*, *Tomb Raider*, *Mission Impossible*), CineSFX™ utilizes Titan's™ RGB engine to deliver realistic full-colour lighting effects.



CineSFX™ Suite



FIRE



LIGHTNING



CYCLE



POLICE



GUNSHOT



FILM



NEON



FIREWORKS



SPARK WELD



PAPARAZZI



STROBE



TV



FADE



CHASE



1 2 3 4 5

ACTIVITY  
BRIGHTNESS  
HSE  
BY  
FILTER

TITAN

ROTOLIGHT

# Engineered to Last

## Quality you can depend on

Individually hand-calibrated and crafted using the highest quality materials, Titan™ LEDs deliver consistently outstanding performance and years of reliable service. Designed and manufactured in the UK to uncompromising aerospace standards, Titan™ represents the very latest in LED technology in a sleek yet robust package.





ROTOLIGHT

SMOKING  
PROHIBITED

ROTOLIGHT

R

# Your Lighting Your Way

## An unprecedented level of control

With the added benefits of Bluetooth connectivity (for app control), LumenRadio CRMX, wired and wDMX, built-in Elinchrom Skyport flash receiver and RJ45 as standard, Titan™ provides full control straight out of the box.



Compatible with:

## Luminair 3

A giant leap forward for professional-grade mobile lighting control





## Featuring High Speed Sync RGB Flash

**More power when you need it**

The Titan™ range provides the world's first High Speed Sync RGB flash (1/8000th) with a powerful output and zero recycle time, for flash that can keep up with you. Shoot at any colour temperature across the CCT spectrum, for a significant performance boost over continuous light performance. Alternatively shoot in any one of Titan's™ 16.7 million colours for the ultimate creative lighting effects and battery performance. Titan™ can be wirelessly triggered at up to 656ft (200m) with the integrated Elinchrom Skyport flash receiver, with Skyport transmitters available for all major camera brands.



*"The gold standard for which all other lights should now be judged"*

**- MATT ALLARD ACS, DOP**

*NEWSSHOOTER*

*"It's incredibly exciting to have a light where you can shape and control the light without any modifiers"*

**- ROY WAGNER ASC, DOP**

*(NIGHTMARE ON ELM STREET,  
RAY DONOVAN, ELEMENTARY)*

*"The Titan™ X2 is a versatile and powerful light with features none of its rivals can offer at any price"*

**- PRO MOVIEMAKER**

*ADAM DUCKWORTH - EDITOR IN CHEIF*

*"A quantum leap ahead of anything else I've used"*

**- TOM TOWNEND, DOP**

*(HARRY BROWN, YOU WERE NEVER REALLY HERE  
(JOAQUIN PHOENIX))*





*"Things that I've never been able to do before are now possible with the Titan™ X2. It's a versatile and powerful light."*

**- ALICIA ROBBINS, DOP**

*(GREY'S ANATOMY)*

*"I was amazed at the ease of use. The interface is stunning and the light is exceptional"*

**- GREG GORMAN**

*CELEBRITY PHOTOGRAPHER: MICHAEL JACKSON,  
LEONARDO DICAPRIO, ROBERT DE NIRO*

*"The Titan™ X2 is so well thought out, it's a joy to use and distinctly different from anything else on the market"*

**- STEFAN LANGE, DOP**

*(VFX VETERAN: BATMAN, SKYFALL, TOMB RAIDER,  
MISSION IMPOSSIBLE)*

*"The Titan X2 enables you to easily create beautiful, saturated colours that lets me add much more detail to my work"*

**- JEAN NOIR**

*PROFESSIONAL PHOTOGRAPHER*



# Titan™ Family

Standard  
Yoke



SKU: RL-TITAN-X2-Y  
SKU: RL-TITAN-X2-YOKE-S



SKU: RL-TITAN-X1-Y  
SKU: RL-TITAN-X1-YOKE-S

Pole Operated  
Yoke



SKU: RL-TITAN-X2-P  
SKU: RL-TITAN-X2-YOKE-P



SKU: RL-TITAN-X1-P  
SKU: RL-TITAN-X1-YOKE-P

Swan Neck  
Yoke



SKU: RL-TITAN-X2-S  
SKU: RL-TITAN-SWAN



SKU: RL-TITAN-X1-S  
SKU: RL-TITAN-SWAN

# Accessories

## Titan Kits



SKU: RL-TITAN-X2-RENTAL



SKU: RL-TITAN-X1-RENTAL



SKU: RL-TITAN-X2-REPORTER



SKU: RL-TITAN-X1-REPORTER

## Barn Doors & Rain Covers



SKU: RL-TITAN-X2-BD



SKU: RL-TITAN-X1-BD



SKU: RL-TITAN-X2-RAIN



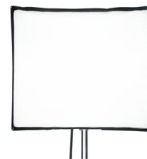
SKU: RL-TITAN-X1-RAIN

## DoPChoice SNAPBAGS®



SNAPBAG® for Titan™ X2

SKU: RL-TITAN-X2-SB



SNAPBAG® for Titan™ X1

SKU: RL-TITAN-X1-SB

## DoPChoice SNAPGRIDS®



TITAN X2 SNAPGRID® for SNAPBAG®

SKU: RL-TITAN-X2-SGSB



TITAN X2 SNAPGRID®

SKU: RL-TITAN-X2-SGT



TITAN X1 SNAPGRID® for SNAPBAG®

SKU: RL-TITAN-X1-SGSB



TITAN X1 SNAPGRID®

SKU: RL-TITAN-X1-SGT

# Accessories

## Power / Battery Adapters



SKU: RL-TITAN-X2-PSU  
SKU: RL-TITAN-X1-PSU



SKU: RL-VL2-24  
SKU: RL-VL2-24-GM



SKU: RL-TITAN-4BAT  
SKU: RL-TITAN-4BAT-GM

## Batteries



SKU: RL-BATT-95



SKU: RL-BATT-155



SKU: RL-BATT-310

## Battery Bundles



SKU: RL-VL24-BUN



SKU: RL-4BAT-BUN



SKU: RL-BATT-BUNDLE-155



SKU: RL-BATT-BUNDLE-310

## Cases & Bags



SKU: RL-TITAN-X2-FLC



SKU: RL-TITAN-X2-SOFT



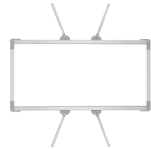
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SKU: RL-TITAN-X1-SOFT

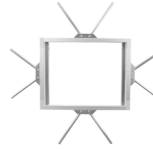
# Accessories

## Rabbit Ears™ Accessories



Rabbit-Ear Rectangular  
for 2x1 panels

SKU: RL-TITAN-X2-RE



Rabbit-Ear Mini  
for 1x1 Panels

SKU: RL-TITAN-X1-RE



SNAPBAG® LANTERN 3'  
RABBIT-EARS

SKU: RL-TITAN-SBRL3



Cover for SNAPBAG®  
Lantern 3'

SKU: RL-TITAN-SBRL3-C4



SNAPBAG® LANTERN 5'  
RABBIT-EARS

SKU: RL-TITAN-SBRL5



Cover for SNAPBAG®  
Lantern 5'

SKU: RL-TITAN-SBRL5-C4



SNAPBAG® OCTA 3' RABBIT-EARS

SKU: RL-TITAN-SBRO3



SNAPBAG® OCTA 5' RABBIT-EARS

SKU: RL-TITAN-SBRO5



SNAPBAG® OCTA 7' RABBIT-EARS

SKU: RL-TITAN-SBRO7



SNAPBAG® MEDIUM RABBIT-EARS

SKU: RL-TITAN-SBRM



SNAPGRID® 40° for 3' SNAPBAG®  
and Chimera Octaplus

SKU: RL-TITAN-SGC3W40



SNAPGRID® 40°  
for SNAPBAG® OCTA 5'

SKU: RL-TITAN-SGC5W40



SNAPGRID® 40°  
for SNAPBAG® OCTA 7'

SKU: RL-TITAN-SGC7W40



SNAPGRID® 40°  
for Softbox MEDIUM

SKU: RL-TITAN-SGCM40

# Accessories

## Honeycomb Grid



SKU: RL-TITAN-X2-GRID-60



SKU: RL-TITAN-X2-GRID-30



SKU: RL-TITAN-X1-GRID-60



SKU: RL-TITAN-X1-GRID-30

## Stands



SKU: RL-CSTAND-20



SKU: RL-CSTAND-20-BUN



Junior to Baby Adapter

SKU: RL-CSTAND-J2B

## Cables



SKU: RL-TITAN-X2-DC-0.5M  
SKU: RL-TITAN-X2-DC-1.25M  
SKU: RL-TITAN-X2-DC-5M



Speakon to Hi Rose DC  
cable 1.25m for ARRI Alexa®  
SKU: RL-TITAN-DC-HIROSE-1.25M



Speakon to 4pin XLR DC  
cable 1.25m for ARRI Skypanel®  
SKU: RL-TITAN-DC-4XLR-1.25M



SKU: RL-TITAN-MAINS-3M

## Others



SKU: RL-TITAN-X2-CLAMP



SKU: RL-TITAN-X2-CART

# Technical Specifications

	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23 ft		9m / 29.5 ft	
	3200K	5600K	3200K	5600K	3200K	5600K	3200K	5600K	3200K	5600K
Titan™ X2 no diffusion	15900 lx 1477 fc	16500 lx 1533 fc	2220 lx 206 fc	2260 lx 210 fc	939 lx 87 fc	1120 lx 104 fc	548 lx 51 fc	551 lx 51 fc	384 lx 36 fc	377 lx 35 fc
Titan™ X2 50% diffusion	14500 lx 1347 fc	11900 lx 1106 fc	2080 lx 193 fc	1750 lx 163 fc	872 lx 81 fc	877 lx 81 fc	472 lx 44 fc	397 lx 37 fc	346 lx 32 fc	284 lx 26 fc
Titan™ X2 full diffusion	9060 lx 842 fc	6250 lx 581 fc	1320 lx 123 fc	929 lx 86 fc	573 lx 53 fc	475 lx 44 fc	318 lx 30 fc	227 lx 21 fc	222 lx 21 fc	158 lx 15 fc
Titan™ X2 with intensifier	17200 lx 1597 fc	16500 lx 1533 fc	2640 lx 245 fc	2250 lx 209 fc	1080 lx 100 fc	1232 lx 114 fc	583 lx 54 fc	606 lx 56 fc	411 lx 38 fc	355 lx 33 fc
Titan™ X1 no diffusion	8240 lx 766 fc	8290 lx 770 fc	1060 lx 98 fc	1090 lx 101 fc	468 lx 43 fc	477 lx 44 fc	237 lx 22 fc	261 lx 24 fc	168 lx 16 fc	174 lx 16 fc
Titan™ X1 50% diffusion	8230 lx 765 fc	7560 lx 702 fc	1080 lx 100 fc	913 lx 85 fc	474 lx 44 fc	395 lx 37 fc	240 lx 22fc	217 lx 20 fc	167 lx 16 fc	143 lx 13 fc
Titan™ X1 full diffusion	4900 lx 455 fc	3030 lx 281 fc	672 lx 62 fc	471 lx 44 fc	304 lx 28 fc	216 lx 20 fc	161 lx 15 fc	113 lx 10 fc	103 lx 10 fc	72 lx 7 fc
Titan™ X1 with intensifier	8140 lx 756 fc	8400 lx 780 fc	1170 lx 109 fc	1200 lx 111 fc	508 lx 47 fc	521 lx 48 fc	278 lx 26 fc	287 lx 27 fc	186 lx 17 fc	193 lx 18 fc

*\*Photometrics tested in September 2020 using a Sekonic C7000, Titan™ X2 & Titan™ X1 in Max Lux mode*

Images taken by Tim Wallace, Greg Gorman & Jason Lanier. Rotolight Titan™, SmartSoft™, CineSFX™, True Aperture Dimming™, PentaChromatic™ and Designer Fade™ are trademarks of Rotolight Ltd. SmartSoft™, CineSFX™, True Aperture Dimming™ are patent granted and patent pending technologies of Rotolight Ltd. All rights reserved © September 2020

# Technical Specifications

Titan™ X2		Titan™ X1	Titan™ Family	
LED System	Rotolight PentaChromic Colour Engine™		Battery Mode Light Output	100% using Rotolight Titan™ 4 way (X2 & X1) or 2 way (X1 only) regulated 24V battery adaptor
Diffuser System	Rotolight SmartSoft™ Diffusion		White Light	3000K to 10,000K continuously variable Correlated Colour Temperature
Beam Angle	Electronically variable 68 degrees to 150 degrees		Coloured Light	Full RGBWW Colour gamut with Hue, Saturation and Diffusion Control
Light Aperture	650 x 300 mm / 25.6" x 11.8"	340 x 300 mm / 13.4" x 11.8"	Colour Temperature Tolerance	+/- 50 K (Nominal), +/- 5% Green-Magenta (Nominal)
Weight	Titan™ X2 body: 11.5kg / 25.3 lbs Titan™ X2 + standard yoke: 13.6kg / 29.9 lbs Titan™ X2 + pole yoke: 15.1kg / 33.2 lbs Titan™ X2 + swan-neck: 12.5kg / 27.5 lbs	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	CRI	3200K >97, 5600K >95
Dimensions	Titan™ X2 body: 350 x 150 x 705mm 13.7" x 5.9" x 27.7"	Titan™ X1 body: 400 x 145 x 360mm 15.7" x 5.7" x 14.1"	TLCI	98
	Titan™ X2 body + standard yoke: 575 x 150 x 830mm 22.6" x 5.9" x 32.6"	Titan™ X1 body + standard yoke: 510 x 155 x 510mm 20" x 6.1" x 20"	Green-Magenta Adjustment	Continuously variable (full minusgreen to full plusgreen)
	Titan™ X2 body + pole yoke: 560 x 155 x 850mm 22" x 6.1" x 33.4"	Titan™ X1 body + pole yoke: 545 x 170 x 500mm 21." x 6.6" x 19.6"	Dimming	0 - 100 % continuous
	Titan™ X2 + K-mount swan neck: 350 x 295 x 705mm 20.9" x 5.4" x 27.7"	Titan™ X1 + K-mount swan neck: 400 x 200 x 360mm 15.7" x 7.8" x 14.1"	Diffusion	0 - 2 stops continuous (0%-100%)
Handling	Pole operated yoke (pan and tilt), standard yoke K-mount swan-neck with baby 16mm socket		Control	Local 5 pin DMX, RJ45, Bluetooth ( via Luminair app), LumenRadio, wired/w.DMX, Elinchrom Skyport
Mounting	28mm Junior Spigot or 16mm baby spigot (K-Mount swan-neck)		Remote Device Management (RDM)	DMX Setup, Hour Counter, and Standard RDM Commands
Tilt Angle	+/- 90 Degrees		Flash	Skyport HSS (range 200m / 656 ft), up to 1/8000th sec
Lamphead DC Voltage Input	24 V DC		Software Interface	Firmware/software upgrade via USB-A
Power Consumption	420W Nominal	230W Nominal	Factory Interface	Firmware installation, system configuration and calibration interface
Lamphead Power Connection	Neutrik Speakon (Positive Pin 1+ 2+ / Negative Pin 1- 2-)		Housing Colour	Black, red and silver
Battery DC Voltage Range	20.5 V DC to 26 V DC		Ambient Temperature operation	-20 to +45 C (-4 to 113 degrees Fahrenheit) Active Intelligent Thermal Management
			Protection Class / IP Rating	IP20
			Estimated LED Lifeline (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 0S1-97:2011, CSA C22.2 NO. 250.13  IEC 60598-1 - Luminaire Safety  EN 62471 - Photobiological safety of lamps and lamp systems





# Titan Family Competitor Comparison Chart

	Rotolight Titan X1 & X2	ARRI Skypanel	Litepanels Gemini Family
<b>Electronic diffusion</b>	✓	✗	✗
<b>Touchscreen interface</b>	✓	✗	✗
<b>Integrated wireless DMX</b>	✓ <small>LumenRadio® Timotwo bluetooth &amp; Wireless DMX (CRMX)</small>	✗ <small>Needs Skylink module \$510/light &amp; basestation \$1840</small>	✗ <small>Needs LYKOS® Bluetooth® dongle \$110/light</small>
<b>Intergrated Bluetooth®</b>	✓ <small>LumenRadio® Timotwo bluetooth &amp; Wireless DMX (CRMX)</small>	✗	✗ <small>Needs Wireless DMX module \$260/light</small>
<b>Intergrated app control</b>	✓	✗ <small>Needs Skylink module \$510/light &amp; basestation \$1840</small>	✗ <small>Needs LYKOS® Bluetooth® dongle \$110/light</small>
<b>Adjustable colour space</b> <small>(Rec.2020,Rec.709)</small>	✓	✗	✗
<b>Filter library size</b>	1400	318	600
<b>Programmable user presets</b>	50	10	12
<b>Save/load user presets over USB</b>	✓	✗	✗
<b>High Speed Sync flash</b>	✓	✗	✗
<b>Quick access menu buttons</b>	✓	✗	✗
<b>Designer Fade® mode</b> <small>(custom fade up/fade down FX)</small>	✓	✗	✗
<b>Lighting modes</b>	6 modes: CCT, XY, HSI, RGB, Filter, Source Matching	6 modes: CCT, XY, HSI, RGB, Filter, Source Matching	4 modes: CCT, HSI, RGB, Filter
<b>X-FX stroboscopic FX</b>	✓	✗	✗
<b>RDM communication</b>	✓	✓	✓
<b>Special effects</b>	✓	✓	✓



# Titan X2 Photometrics & Competitor Comparison

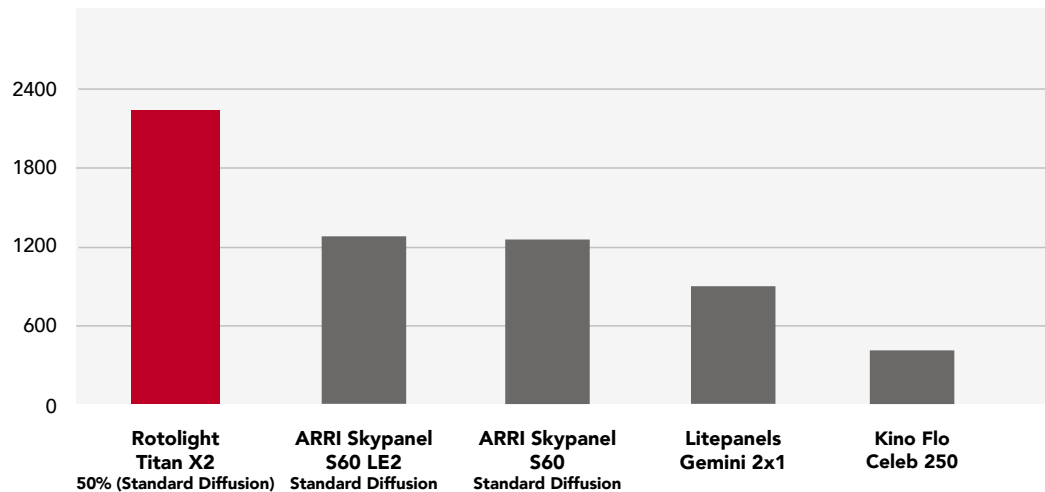
Distance	Lux at 1m (3.3ft)			Lux at 3m (9.8ft)			Lux at 5m (16.4ft)			Lux at 7m (23ft)			Lux at 9m (29.5ft)		
CCT	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K
Titan™ X2 - No Diffusion	15900	23500	16500	2220	3270	2260	939	1380	1120	548	802	551	384	560	377
ARRI S60 - Lite Diffusion	11520		11295	1280		1255	461		452	235		231	142		139
ARRI S60 LE2 - Lite Diffusion	11952		14049	1328		1561	478		562	282		287	148		173
<b>Titan™ power advantage vs ARRI S60</b>	38%	108%	46%	73%	161%	80%	104%	205%	148%	133%	247%	139%	170%	303%	171%
<b>Titan™ power advantage vs ARRI S60 LE2</b>	33%	67%	17%	67%	109%	45%	96%	146%	99%	94%	179%	92%	159%	224%	118%

Titan X2 - 50% Diffusion	14500	20000	11900	2080	3110	1750	872	1310	877	472	756	397	346	512	284
ARRI S60 - Standard Diffusion	11322		11097	1258		1233	453		444	231		226	140		137
ARRI S60 LE2 - Standard Diffusion	11745		13815	1305		1535	470		533	240		282	145		171
Litepanels Gemini 2x1	8155		9713	906		1079	Data not published by manufacturer								
<b>Titan™ power advantage vs ARRI S60</b>	28%	77%	7%	65%	147%	42%	92%	189%	98%	104%	227%	76%	147%	266%	107%
<b>Titan™ power advantage vs ARRI S60 LE2</b>	23%	45%	-14%	59%	103%	14%	86%	146%	65%	97%	168%	41%	139%	199%	66%
<b>Titan™ power advantage vs Gemini</b>	95%	142%	70%	145%	203%	109%	Data not published by manufacturer								

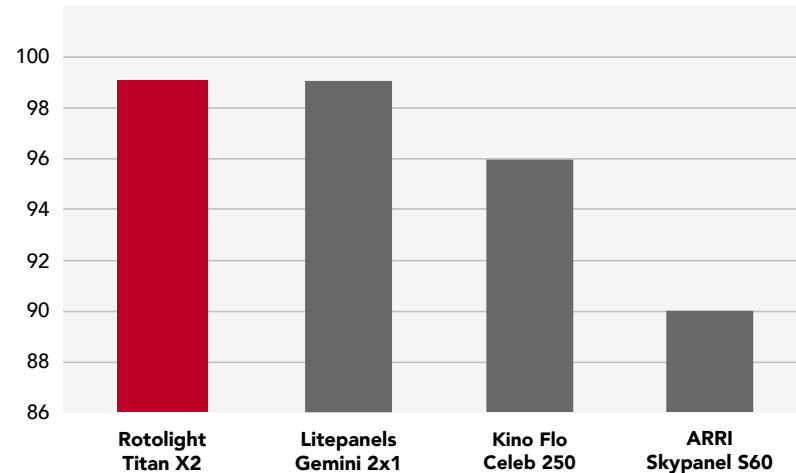
## Other:

Titan X2- Full Diffusion	9060	11100	6250	1320	1660	929	573	715	475	318	405	227	222	277	158
Titan X2 - with Snapbag as intensifier	17200	25400	15000	2640	4090	2250	1080	1690	1232	583	929	606	411	641	355

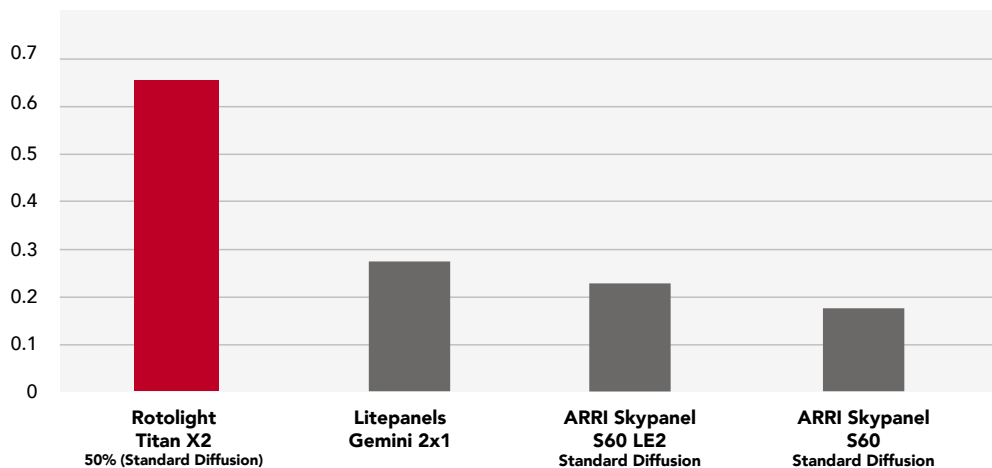
**Brightness (Lux) at 3m (3200k)**



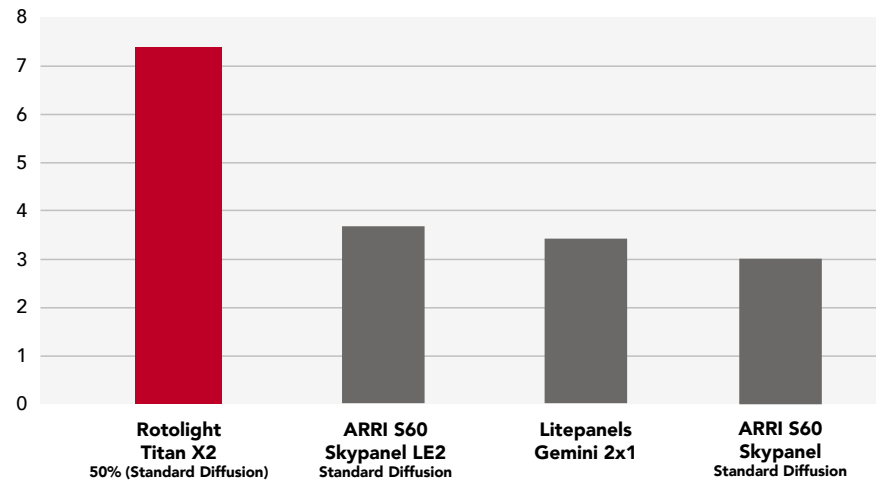
**Colour accuracy - TLCI (Television Lighting Consistency Index)**



**Value for money - Lux output per dollar spent**



**Energy Efficiency: Brightness (Lux) Output per Watt consumption**



ARRI S60 photometrics taken from latest September 2018 product information sheet, and LE2 information from the ARRI official photometrics App accessed February 2020. Litepanels Gemini 2x1 data sheet accessed 9th September 2019. Rotolight Titan X2 measured using shipping production unit serial SKY000182 measured in February 2020 in a controlled environment, using a Sekonic C-800 light meter, Titan in Max Lux Mode. TLCI quoted at manufacturer average values. ARRI, SkyPanel, Kino Flo, Celeb, Rotolight, Titan, Litepanels, and Gemini are registered trademarks, and the exclusive property of their respective owners. No association is intended or implied. All pricing information taken from full retail prices of the cheapest model at bhphoto.com as of 20th September 2020

# Titan X1 Photometrics & Competitor Comparison

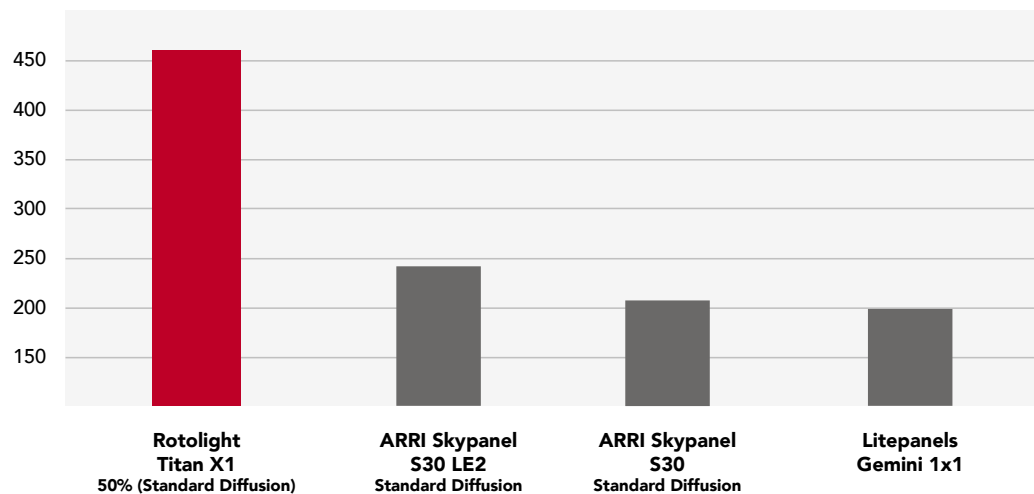
Distance	Lux at 1m (3.3ft)			Lux at 3m (9.8ft)			Lux at 5m (16.4ft)			Lux at 7m (23ft)			Lux at 9m (29.5ft)		
CCT	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K	3200K	4000K	5600K
Titan™ X1 - No Diffusion	8240	12200	8290	1060	1570	1090	468	693	477	237	377	261	168	254	174
ARRI S30 - Lite Diffusion	5967		5823	663		647	239		233	122		119	74		72
ARRI S30 LE2 - Lite Diffusion	6525		7578	725		842	261		303	133		155	81		94
<b>Titan™ power advantage vs ARRI S30</b>	38%	110%	42%	60%	143%	68%	190%	197%	105%	94%	217%	119%	127%	253%	142%
<b>Titan™ power advantage vs ARRI S30 LE2</b>	26%	61%	9%	46%	86%	29%	166%	129%	57%	78%	143%	68%	107%	170%	85%

Titan X1 - 50% Diffusion	8230	12600	7560	1080	1650	913	474	724	395	240	397	217	167	261	143
ARRI S30 - Standard Diffusion	5526		5400	614		600	221		216	113		110	68		67
ARRI S30 LE2 - Standard Diffusion	6030		7039	670		782	241		282	123		144	74		87
Litepanels Gemini 1x1	5012		5526	557		614	201		221	Data not published by manufacturer					
<b>Titan™ power advantage vs ARRI S30</b>	49%	133%	40%	76%	175%	52%	114%	235%	83%	112%	261%	97%	146%	290%	113%
<b>Titan™ power advantage vs ARRI S30 LE2</b>	36%	79%	7%	61%	111%	17%	97%	157%	40%	95%	176%	51%	126%	200%	64%
<b>Titan™ power advantage vs Gemini</b>	64%	128%	37%	94%	169%	49%	136%	228%	79%	Data not published by manufacturer					

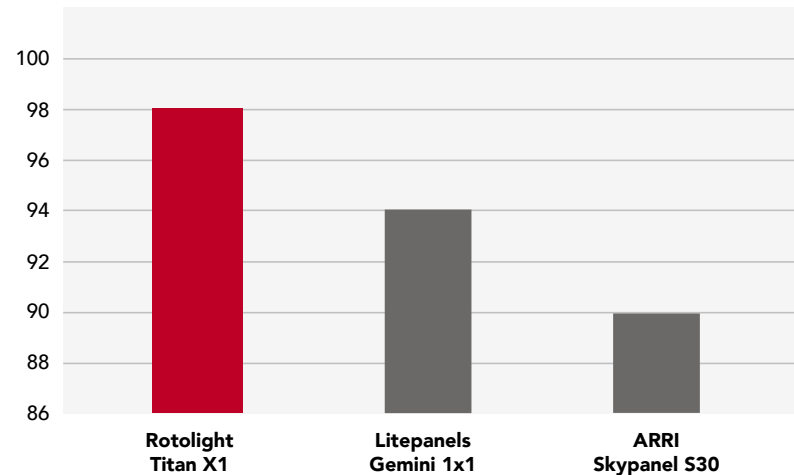
## Other:

Titan X1- Full Diffusion	4900	6170	3030	672	847	471	304	382	216	161	203	113	103	129	72
Titan X1 - with Snapbag as intensifier	8140	13500	8400	1170	1730	1200	508	760	521	278	413	287	186	277	355

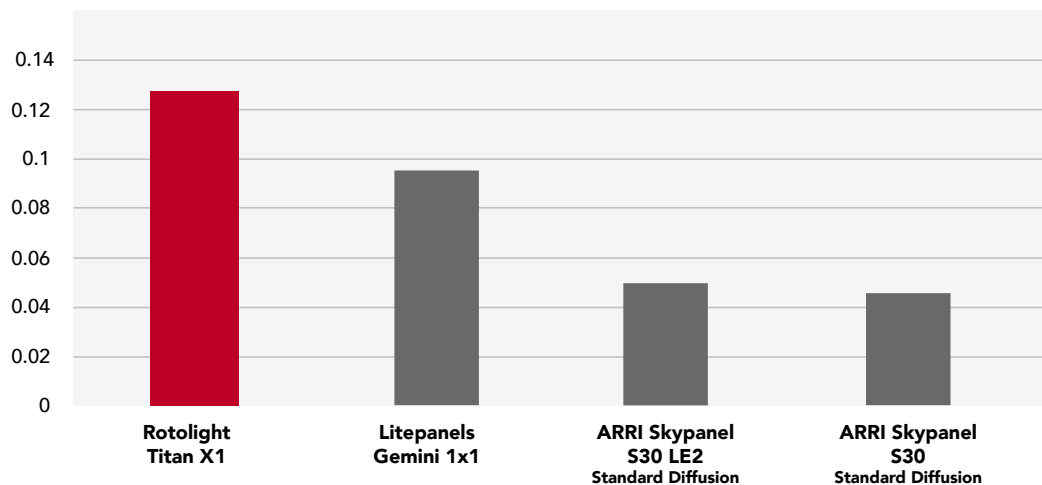
**Brightness (Lux) at 5m (3200k)**



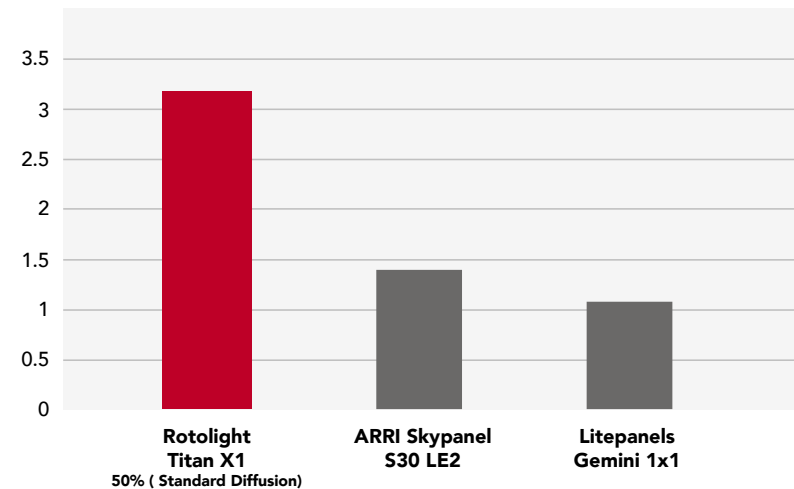
**Colour accuracy - TLCI (Television Lighting Consistency Index)**



**Value for money - Lux output per dollar spent**



**Energy Efficiency: Brightness (Lux) Output per Watt consumption**



S30 photometrics taken from latest September 2018 product information sheet, and LE2 information from the official ARRI photometrics app accessed September 2020. Litepanels Gemini 1x1 data sheet accessed 9th September 2020. Rotolight Titan X1 measured using unit serial TX100010 measured in September 2020 in a controlled environment, using a Sekonic C-800 light meter, Titan in Max Lux Mode. TLCI quoted at manufacturer average values. ARRI, Skypanel, Rotolight, Titan, Litepanels and Gemini, are registered trademarks and the exclusive property of their respective owners. No association is intended or implied. Pricing based on full retail prices in USD at BHphoto.com as of 20th September 2020.



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