



SKYPANEL X

SOFT | MODULAR | HARD

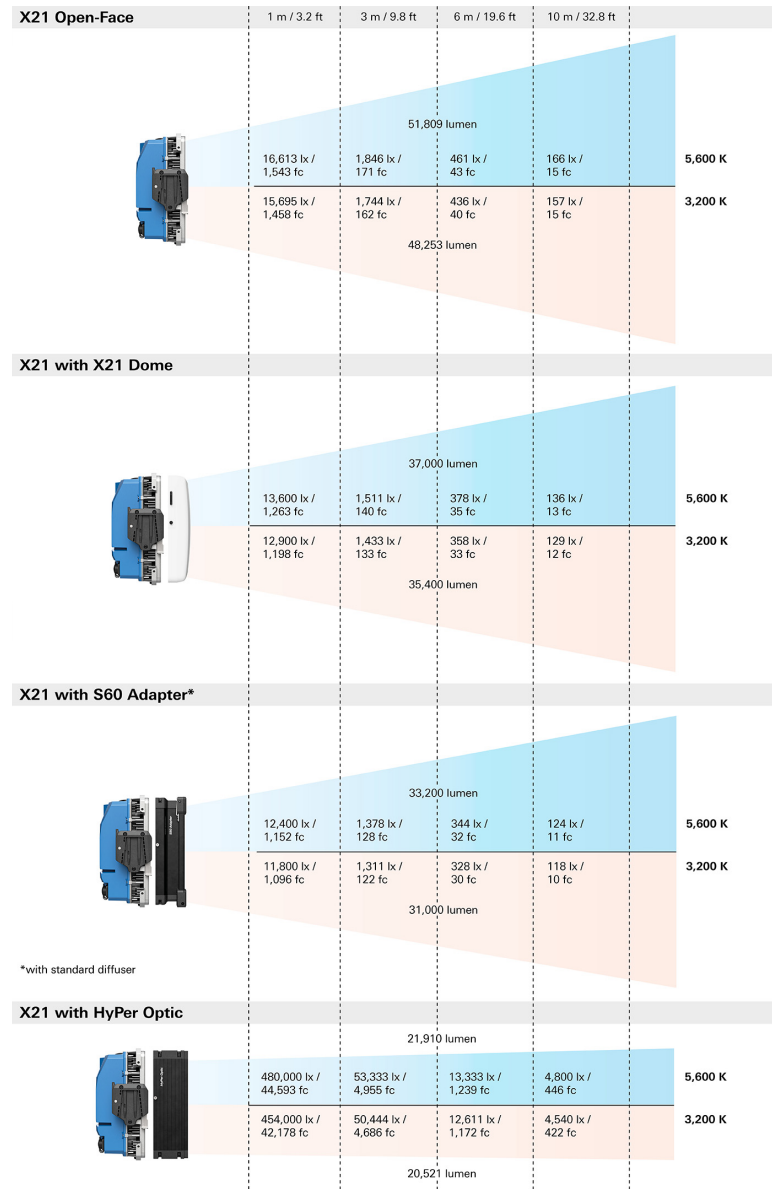
Available in three size configurations (X21, X22, and X23), the modular SkyPanel X offers native soft and native hard light technology, setting a new bar not only in terms of dimming and color science, but also in output and beam quality for medium to long throws. With up to 4,800 lux at 10 m / 32.8 ft and eight pixels per unit; dynamic CCT range of 1,500 K – 20,000 K; six-color full-spectrum color engine; wireless control; integrated power supply; advanced networking possibilities; and an IP66 rating, the SkyPanel X is an all-weather lighting solution tailored to established workflows.

Main Features

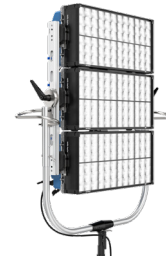
- LED panel with native soft and native hard light, open-face lighting for bouncing purposes, and several modular configurations
- IP66 all-weather professional lighting solution
- Excelling in color rendition, dimming, and beam quality
- Dynamic CCT range of 1,500 K - 20,000 K
- RGBACL full-spectrum color engine
- Up to 24 pixels (8 for X21, 16 for X22, 24 for X23)
- Integrated PSU and built-in wireless control

Photometrics

Preliminary data



Specifications



| | | X21 | X22 | X23 |
|------------------------------------|----------------------|--|--|--|
| Power | | 800 W | 1,600 W | 2,400 W |
| Format size | | 2 : 1 (horizontal) | 2 : 2 (square) | 3 : 2 (vertical) |
| Light engines | | 4 | 8 | 12 |
| Pixel zones | | 8 max. | 16 max. | 24 max. |
| Max. output (lux) | | 4,800 Lux @ 10 m, 5,600 K (native hard) | 9,600 Lux @ 10 m, 5,600 K (native hard) | 14,400 Lux @ 10 m, 5,600 K (native hard) |
| Max. output (lumen) | | 51,809 Lumen (native open-face) | 103,618 Lumen (native open-face) | 155,427 Lumen (native open-face) |
| Included items | | 1x X21 Dome | 2x X21 Dome | 3x X21 Dome |
| Connectors | | <ul style="list-style-type: none"> ■ 2x AC (In and Through), max. 20 A, TRUE1 TOP ■ 1x DC (In) 48 V for battery use ■ 2x DMX (In and Out), XLR-5pin ■ 2x LAN / Ethernet, RJ45, EtherCON compatible ■ 1x USB type C ■ 1x LEMO for ALL-WEATHER Control Panel | <ul style="list-style-type: none"> ■ 4x AC (In and Through), max. 20 A, TRUE1 TOP ■ 2x DC (In) 48 V for battery use ■ 4x DMX (In and Out), XLR-5pin ■ 4x LAN / Ethernet, RJ45, EtherCON compatible ■ 2x USB type C ■ 2x LEMO for ALL-WEATHER Control Panel | <ul style="list-style-type: none"> ■ 6x AC (In and Through), max. 20 A, TRUE1 TOP ■ 3x DC (In) 48 V for battery use ■ 6x DMX (In and Out), XLR-5pin ■ 6x LAN / Ethernet, RJ45, EtherCON compatible ■ 3x USB type C ■ 3x LEMO for ALL-WEATHER Control Panel |
| Rigging System | | <ul style="list-style-type: none"> ■ Manual Yoke, bent, Quick-Release, 28mm spigot ■ Twin Quick-Lock bracket for multi-unit setups | <ul style="list-style-type: none"> ■ X Modular frames for X22, Quick-Release ■ X Modular System for X22 & X23, Quick-Release, 28mm spigot ■ Twin Quick-Lock bracket for multi-unit setups | <ul style="list-style-type: none"> ■ X Modular frames for X23, Quick-Release ■ X Modular System for X22 & X23, Quick-Release, 28mm spigot ■ Twin Quick-Lock bracket for multi-unit setups |
| Dimensions | Fixture only: | 738 x 339 x 154 mm / 29.1 x 13.3 x 6.1 in | n.a. | n.a. |
| | with yoke: | 872 x 589 x 170 mm / 34.3 x 23.2 x 6.7 in | 1128 x 1089 x 290 mm / 44.4 x 42.9 x 11.4 in | 1128 x 1414 x 290 mm / 44.4 x 55.7 x 11.4 in |
| Weight | Fixture only: | approx. 15 kg / 33 lbs | approx. 30 kg / 66.1 lbs | approx. 45 kg / 99.2 lbs |
| | with Yoke: | approx. 18 kg / 39.7 lbs | approx. 38 kg / 83.8 lbs | approx. 54 kg / 119.1 lbs |
| AC voltage | | 100 - 240 V~, 50/60Hz | | |
| PSU | | Integrated | | |
| LED engine | | Full Spectrum, 6-color RGBACL LED | | |
| Native quality | | Hard (HyPer Optic), soft (X21 Dome or S60 Adapter), open-face | | |
| CCT range | | 1,500 K - 20,000 K | | |
| CRI | | 90 min. / 99 max. (High CRI VariFan mode) | | |
| TLCI | | 93 typical (High CRI VariFan mode) | | |
| Camera sensor matching | | Yes, via ARRI ALEXA Mode | | |
| Dimming performance | | Flicker free, High-res low end dimming | | |
| Native beam angle | | 11° (hard), 106° (soft), 120° (open-face) | | |
| Diffuser options | | X21 Dome, Beam Enhancer filter, S60-C diffusers | | |
| Accessory compatibility | | All SkyPanel S60-C accessories via S60 Adapter | | |
| Type of display | | Removable ALL-WEATHER Control Panel with LiOS3 | | |
| Operational modes | | Standard (low noise), High Output, VariFan, ARRI ALEXA | | |
| Color modes | | CCT, HSI, RGBW, RGBACL, Effects, XY, Gel, Source Matching | | |
| DMX presets | | Yes, via ALL-WEATHER Control Panel, RDM and DMX-512A | | |
| Legacy DMX modes | | Compatible with S60-C mode 1 and 6 | | |
| Multi-array setup | | Yes (up to 3 units in just one single DMX profile) | | |
| IP-rating | | IP66 (High-pressure jet cleaning, rain, heavy storms, high humidity) | | |
| Cooling system | | Passive + Active cooling system with double heat sink | | |
| Integrated wired control | | DMX-512A, RDM, Art-Net 4, sACN LAN (Web-control, ALSM, mDNS Bonjour, PTP, NTP) | | |
| Integrated wireless control | | CRMX Classic, CRMX2, W-DMX G3 / G4 / G4S / G5, BLE, Native Bluetooth 5.0 | | |
| Daisy-chain modularity | | Yes, via TRUE1 TOP (power) and EtherCON / RJ45 (data) | | |
| Pre-programmed effects | | 15 Pixel Macros, 15 effects | | |
| Warranty | | 3 years | | |
| Max. ambient temperature | | 40°C | | |
| Certifications | | pending: CE, UKCA, CB, ENEC, cNRTLus, FCC, ICES, PSE, KC, SRRC and more | | |

Preliminary technical data.
All specifications are typical values.
Subject to change without notice.

Photometrics

Preliminary data

| Model | 1 m / 3.2 ft | 3 m / 9.8 ft | 6 m / 19.6 ft | 10 m / 32.8 ft | 5,600 K | 3,200 K |
|-------------------------------------|---------------------------|------------------------|----------------------|----------------------|---------------|---------|
| X21 Open-Face | | | | | | |
| | 16,613 lx / 1,943 fc | 1,946 lx / 171 fc | 461 lx / 43 fc | 166 lx / 15 fc | 51,809 lumen | |
| | 15,695 lx / 1,458 fc | 1,744 lx / 162 fc | 436 lx / 40 fc | 157 lx / 15 fc | 48,253 lumen | |
| X21 with X21 Dome | | | | | | |
| | 13,000 lx / 1,283 fc | 1,511 lx / 140 fc | 379 lx / 35 fc | 135 lx / 13 fc | 37,000 lumen | |
| | 12,900 lx / 1,198 fc | 1,433 lx / 133 fc | 358 lx / 33 fc | 129 lx / 12 fc | 35,400 lumen | |
| X21 with S60 Adapter* | | | | | | |
| | 12,400 lx / 1,152 fc | 1,379 lx / 128 fc | 344 lx / 32 fc | 124 lx / 11 fc | 33,200 lumen | |
| | 11,800 lx / 1,096 fc | 1,311 lx / 122 fc | 328 lx / 30 fc | 118 lx / 10 fc | 31,000 lumen | |
| | | | | | | |
| X21 with HyPer Optic | | | | | | |
| | 490,000 lx / 44,953 fc | 53,333 lx / 4,955 fc | 13,333 lx / 1,239 fc | 4,900 lx / 448 fc | 21,910 lumen | |
| | 454,000 lx / 42,178 fc | 50,444 lx / 4,686 fc | 12,611 lx / 1,172 fc | 4,540 lx / 422 fc | 20,521 lumen | |
| X22 Open-Face | | | | | | |
| | 33,226 lx / 3,086 fc | 3,692 lx / 342 fc | 922 lx / 86 fc | 332 lx / 30 fc | 103,618 lumen | |
| | 31,390 lx / 2,916 fc | 3,488 lx / 324 fc | 872 lx / 80 fc | 314 lx / 30 fc | 96,506 lumen | |
| X22 with two X21 Domes | | | | | | |
| | 27,200 lx / 2,526 fc | 3,022 lx / 280 fc | 756 lx / 70 fc | 272 lx / 26 fc | 74,000 lumen | |
| | 25,800 lx / 2,396 fc | 2,866 lx / 266 fc | 716 lx / 66 fc | 258 lx / 24 fc | 70,800 lumen | |
| X22 with two S60 Adapters* | | | | | | |
| | 24,800 lx / 2,304 fc | 2,756 lx / 256 fc | 688 lx / 64 fc | 248 lx / 22 fc | 66,400 lumen | |
| | 23,800 lx / 2,192 fc | 2,622 lx / 244 fc | 656 lx / 60 fc | 236 lx / 20 fc | 62,000 lumen | |
| | | | | | | |
| X22 with two HyPer Optics | | | | | | |
| | 960,000 lx / 89,196 fc | 106,666 lx / 9,910 fc | 26,666 lx / 2,478 fc | 9,900 lx / 892 fc | 43,820 lumen | |
| | 908,000 lx / 84,356 fc | 100,888 lx / 9,372 fc | 25,222 lx / 2,344 fc | 9,080 lx / 844 fc | 41,042 lumen | |
| X23 Open-Face | | | | | | |
| | 49,839 lx / 4,629 fc | 5,636 lx / 513 fc | 1,383 lx / 129 fc | 498 lx / 45 fc | 155,427 lumen | |
| | 47,085 lx / 4,374 fc | 5,232 lx / 486 fc | 1,308 lx / 120 fc | 471 lx / 45 fc | 144,759 lumen | |
| X23 with three X21 Domes | | | | | | |
| | 40,800 lx / 3,789 fc | 4,533 lx / 420 fc | 1,134 lx / 106 fc | 408 lx / 39 fc | 111,000 lumen | |
| | 38,700 lx / 3,594 fc | 4,299 lx / 399 fc | 1,074 lx / 99 fc | 387 lx / 36 fc | 106,200 lumen | |
| X23 with three S60 Adapters* | | | | | | |
| | 37,200 lx / 3,456 fc | 4,134 lx / 384 fc | 1,032 lx / 96 fc | 372 lx / 33 fc | 99,600 lumen | |
| | 35,400 lx / 3,288 fc | 3,933 lx / 366 fc | 984 lx / 90 fc | 354 lx / 30 fc | 93,000 lumen | |
| | | | | | | |
| X23 with three HyPer Optics | | | | | | |
| | 1,440,000 lx / 133,779 fc | 159,999 lx / 14,865 fc | 39,999 lx / 3,717 fc | 14,400 lx / 1,338 fc | 65,730 lumen | |
| | 1,362,000 lx / 126,534 fc | 151,332 lx / 14,058 fc | 37,833 lx / 3,516 fc | 13,620 lx / 1,266 fc | 61,563 lumen | |

*with standard diffuser

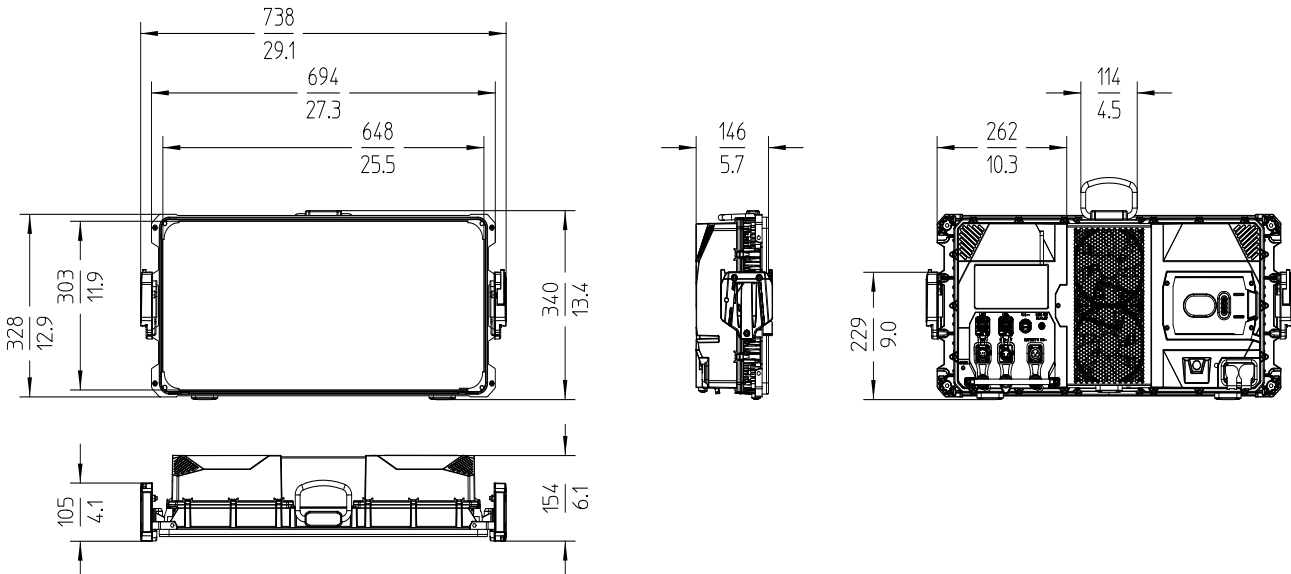
*with standard diffuser

*with standard diffuser

X21

Size: 738 x 339 x 154 mm / 29.1 x 13.3 x 6.1 in
 Weight: approx. 15 kg / 33 lbs

Preliminary data

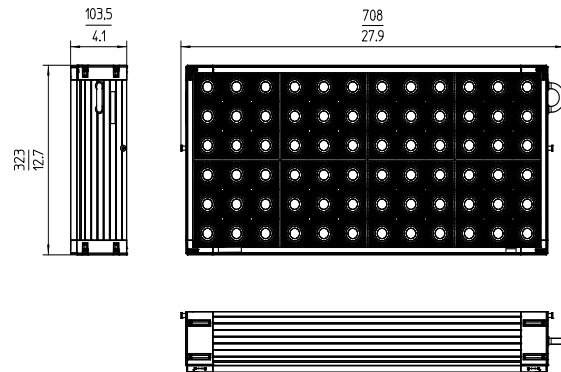
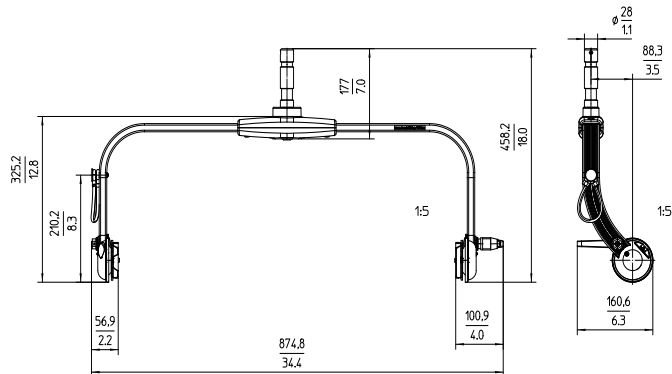


X21 Manual Yoke

Size: 875 x 161 x 458 mm / 34.4 x 6.3 x 18.0 in
 Weight: approx. 3 kg / 6.5 lbs

HyPer Optic

Size: 708 x 104 x 323 mm / 27.9 x 4.1 x 12.7 in
 Weight: approx. 4.8 kg / 10.5 lbs

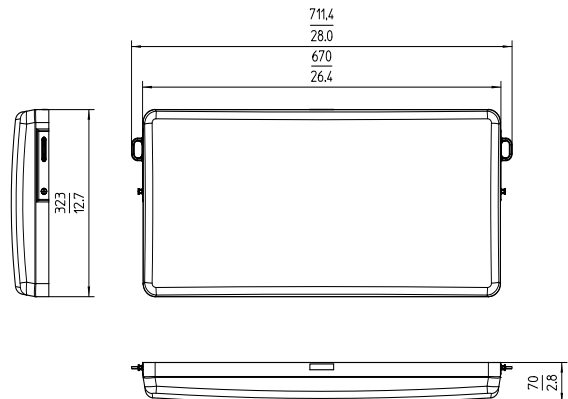
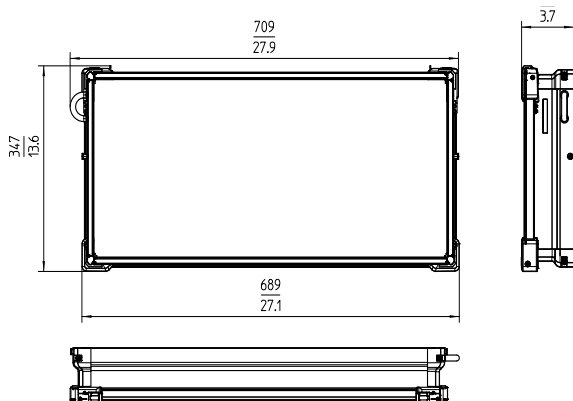


S60 Adapter

Size: 709 x 95 x 347 mm / 27.9 x 3.7 x 13.6 in
 Weight: approx. 2 kg / 4.2 lbs

X21 Dome

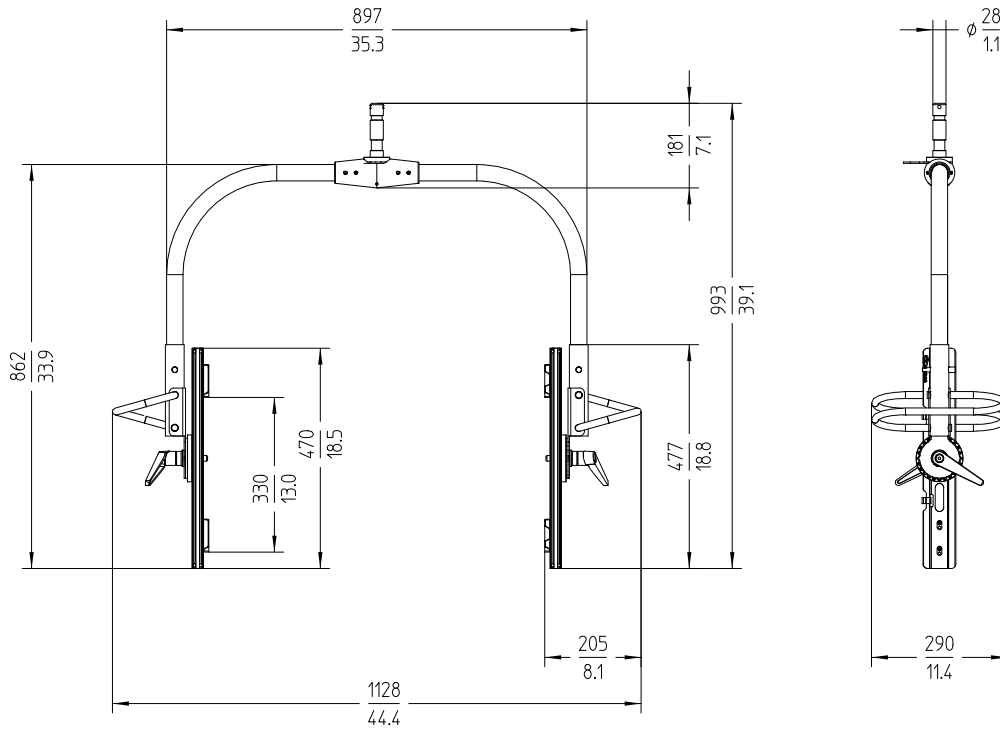
Size: 711 x 70 x 323 mm / 28 x 2.8 x 12.7 in
 Weight: approx. 0,6 kg / 1.3 lbs



X Modular Yoke with X22 Modular Frame

Preliminary data

Size: 1128 x 993 x 290 mm / 44.4 x 39.1 x 11.4 in
 Weight: approx. 8 kg / 17.6 lbs



X Modular Yoke with X23 Modular Frame

Size: 1128 x 1318 x 290 mm / 44.4 x 51.9 x 11.4 in
 Weight: approx. 9 kg / 19.8 lbs

