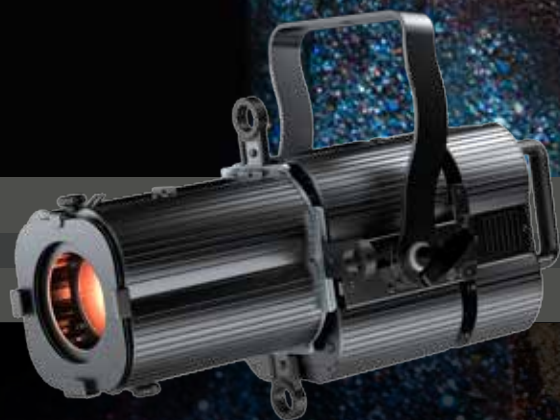




PROFILO LED 120 HQS

SCENA LED 120 HQS

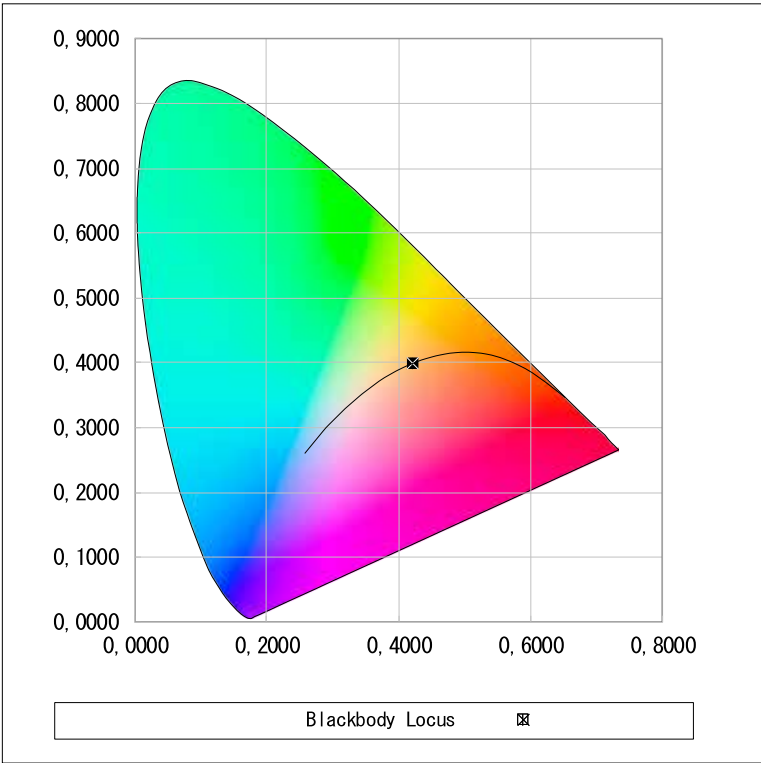
UNLIMITED COLOR PALETTE

SCENA LED 120 HQS and **PROFILO LED 120 HQS** are two new LED lights equipped with a custom high power multi-chip LED engine.

The integration of this LED array with proprietary control algorithms makes for a uniform distribution of energy along the visible light spectrum, resulting in a very accurate reproduction of colors and natural skin tones.

SCENA LED 120 HQS and PROFILO LED 120 HQS are therefore able to generate a wide gamut of pastel-like nuances with rich warm tones.

Tcp [K] (JIS)	3252	x	0.4198
duv (JIS)	+0,0002	y	0.3983



DTS' HQS (High Quality Spectrum) trademark certifies a projector' superior white light quality, and its ability to generate an extended color palette featuring a wide range of soft shades.

* Measurements taken on a SCENA LED 120 HQS (3,200 K).

PROFILO LED 120 HQS

PROFILO LED 120 HQS is an LED-based profile spot perfect for theatre, television and any applications where impeccable reproduction of colors is a key factor.

The unit is equipped with a high efficiency 120 W 4-color LED source coupled with a 20° - 38° high-definition linear zoom with double optical condenser lens.

White color temperature is linearly tunable from 2700K to 8000K.

'Hi-Q dimming' technology guarantees a perfect linearity in the fade-in and fade-out at all dimming levels.

The unit features an internal system with four removable shutters.

Connections are made via PowerCon TRUE 1 In/Out panel connectors, and DMX In/Out panel connectors.



SCENA LED 120 HQS

SCENA LED 120 HQS is a compact LED-based projector suitable for all demanding applications where a perfect color rendition is paramount, such as theatres and TV studios.

The unit features a high efficiency 120 W 4-color LED source and a 112 mm Fresnel lens with a long-excursion 20° - 74° linear zoom. White color temperature can be linearly tuned from 2700K to 8000K. 'Hi-Q dimming' technology allows a perfectly smooth fade-in and fade-out at all dimming levels. The unit features PowerCon TRUE 1 In/Out panel connectors, and DMX In/Out panel connectors.



Technical specifications

PROFILO LED 120 HQS

OUTPUT

- High-power 4-color LED source
- LED lifespan: 50,000 hours (70% lumen output)

OPTICAL GROUP

- 20°- 38° linear zoom
- High definition zoom lens with double optical condenser lens

COLOR GENERATION

- 16 million colors
- Wide palette of pure uniform whites with variable linear color temperature (2700K - 8000K)

CONTROL

- DMX 512 / RDM
- 10 DMX channels (default)
- 4-digit 7-segment LED display + 4 soft keys
- Internal operating system updatable via DTS dongle firmware uploader

POWER SUPPLY

- Full-range 100-240 Vac 50-60 Hz
- Power consumption: 120 W max

CONNECTIONS

- PowerCon TRUE 1 In/Out panel connectors
- DMX In/Out panel connectors

INTERNAL SAFETY DEVICES

Overvoltage and overtemperature circuits protection

OPERATING TEMPERATURE

-10° / 40°C

PHYSICAL

- IP20
- Max dimensions (L x H x D): 457 mm (18") x 275 mm (10.8") x 250 mm (9.8")
- Weight: 5.8 Kg (12.8 lbs)
- Finishing: Black

SCENA LED 120 HQS

OUTPUT

- High-power 4-color LED source
- LED lifespan: 50,000 hours (70% lumen output)

OPTICAL GROUP

- Ø 112 mm Fresnel lens
- 20°- 74° linear zoom

COLOR GENERATION

- 16 million colors
- Wide palette of pure uniform whites with variable linear color temperature (2700K - 8000K)

CONTROL

- DMX 512 / RDM
- 10 DMX channels (default)
- 4-digit 7-segment LED display + 4 soft keys
- Internal operating system updatable via DTS dongle firmware uploader

POWER SUPPLY

- Full-range 100-240Vac 50-60 Hz
- Power consumption: 120 W max

CONNECTIONS

- PowerCon TRUE 1 In/Out panel connectors
- DMX In/Out panel connectors

INTERNAL SAFETY DEVICES

Overvoltage and overtemperature circuits protection

OPERATING TEMPERATURE

-10° / 40°C

PHYSICAL

- IP20
- Max dimensions (L x H x D): 326 mm (12.8") x 275 mm (10.8") x 193 mm (7.6")
- Weight: 4.5 Kg (9.9 lbs)
- Finishing: Black

PROFILO LED 120 HQS - Beam angle 20°

Distance (mt)	2	4	6	8	10
Distance (ft)	6.56	13.12	19.68	26.25	32.81

ALL COLORS
(FULL POWER)

lux center	4613	1153	513	288	185
Foot candles	429	107	48	27	17

WHITE 3200K

lux center	2700	675	300	169	108
Foot candles	251	63	28	16	10

WHITE 4000K

lux center	3150	788	350	197	126
Foot candles	293	73	33	18	12

WHITE 5600K

lux center	3375	844	375	211	135
Foot candles	314	78	35	20	13

Diameter cm	71	141	212	282	353
Diameter ft	2.31	4.63	6.94	9.26	11.57

PROFILO LED 120 HQS - Beam angle 38°

Distance (mt)	2	4	6	8	10
Distance (ft)	6.56	13.12	19.68	26.25	32.81

ALL COLORS
(FULL POWER)

lux center	1688	422	188	106	68
Foot candles	157	39	17	10	6

WHITE 3200K

lux center	1080	270	120	68	43
Foot candles	100	25	11	6	4

WHITE 4000K

lux center	1193	298	133	75	48
Foot candles	111	28	12	7	4

WHITE 5600K

lux center	1283	321	143	80	51
Foot candles	119	30	13	7	5

Diameter cm	138	275	413	551	689
Diameter ft	4.52	9.04	13.56	18.07	22.59

SCENA LED 120 HQS FR - Beam angle 20° @ 50%

Distance (mt)	2	4	6	8	10
Distance (ft)	6.56	13.12	19.68	26.25	32.81

ALL COLORS
(FULL POWER)

lux center	3375	844	375	211	135
Foot candles	314	78	35	20	13

WHITE 3200K

lux center	2025	506	225	127	81
Foot candles	188	47	21	12	8

WHITE 4000K

lux center	2273	568	253	142	91
Foot candles	211	53	23	13	8

WHITE 5600K

lux center	2475	619	275	155	99
Foot candles	230	58	26	14	9

Diameter cm	71	141	212	282	353
Diameter ft	2.31	4.63	6.94	9.26	11.57

SCENA LED 120 HQS FR - Beam angle 74° @ 10%

Distance (mt)	2	4	6	8	10
Distance (ft)	6.56	13.12	19.68	26.25	32.81

ALL COLORS
(FULL POWER)

lux center	855	214	95	53	34
Foot candles	79	20	9	5	3

WHITE 3200K

lux center	506	127	56	32	20
Foot candles	47	12	12	3	2

WHITE 4000K

lux center	540	135	60	34	22
Foot candles	50	13	6	3	2

WHITE 5600K

lux center	608	152	68	38	24
Foot candles	56	14	6	4	2

Diameter cm	301	603	904	1206	1507
Diameter ft	9.89	19.78	29.67	39.56	49.45



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