

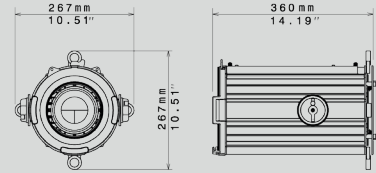
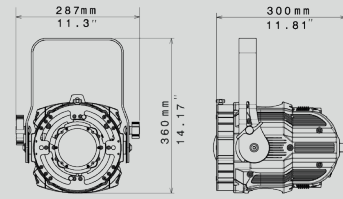
SOPRANO 3 WH



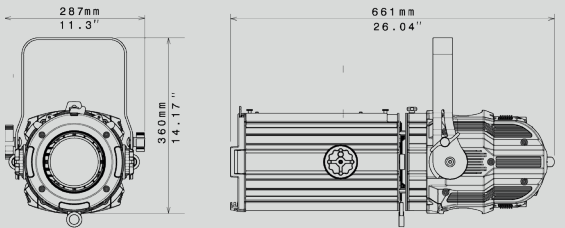
THE UN-CONVENTIONAL
ELLIPSOIDAL PROJECTOR WITH
WHITE SOURCE



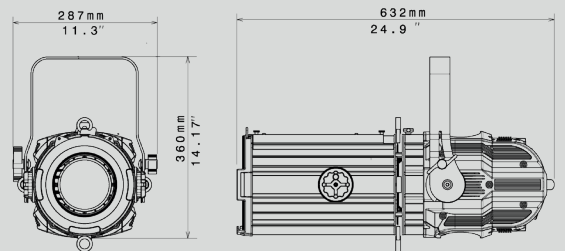
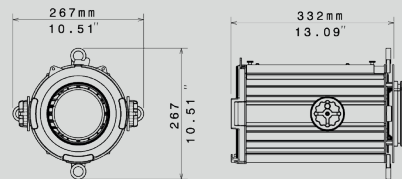
LED ENGINE



OPTICAL GROUP 15-30



OPTICAL GROUP 25-50



FEATURES



OPTIONALS

CERTIFICATIONS



CODES

LED ENGINE

3000 K - 03.TSP002.49
5700 K - 03.TSP003.49

OPTICAL GROUP

15-30 - 03.TSP900.49
25-50 - 03.TSP901.49



TECHNICAL DATA

OUTPUT

- Single white 3000 K LED source
 - Lumens Output: 4,900 lm (Optical group 15-30)
 - Lumens Output: 5,800 lm (Optical group 25-50)
- CRI >95
- Single white 5700 K LED source
 - Lumens Output: 5,700 lm (Optical group 15-30)
 - Lumens Output: 6,800 lm (Optical group 25-50)
- CRI >90
- Also available with 4000 K LED
 - Lumens output: 5,300 lm (Optical group 15-30)
 - Lumens output: 6,100 lm (Optical group 25-50)
 - CRI: >95
- LED Lifespan: 20,000 hours (70% lumen output)

OPTICAL GROUP

- Changeable optics (*Led engine and optical group are sold separately*)
- Optical Group 15-30
 - 15°-30° linear zoom
- Optical Group 25-50
 - 21°-46° linear zoom

FRAMING SYSTEM

- Framing system composed of 4 symmetric blades
Blades are integrated in the optical group (not removable)
- Blades operate on three discrete planes
- 64° full system rotation (+/- 32°)

GOBOS

- Ø external (ED): 80 mm + 0.2/-0.2 mm
- Ø of image (ID): 50 mm
- Thickness: from 0.2 to 1.5 mm

DIMMER

- PWM Dimming technology

CONTROL

- LCD graphic display + Jog Shuttle
- RDM/DMX 512 protocols
- 'Standard', 'Silent', 'Ultra Silent' and 'Automatic' fan modes

- Noise level
 - Standard: 24dBA @ 1m (normal operation, 100% power)
 - Silent: 23dBA @ 1m (normal operation, 100% power)
 - Ultra Silent: 22dBA @ 1m (normal operation, 95% power)
 - Automatic: fans adapt to operational status (output power priority)
- Firmware updatable via DTS firmware uploader dongle

DMX

- 4 DMX channels (Default)
 - Shutter, Dimmer 16bit and Fixture Control channel.
- 1DMX channel - Dimmer 8bit
- "Fine" mode - Dimmer 16bit

POWER SUPPLY

- Wide range 100/240 Vac 50-60 Hz
- Power consumption: 145 W max / 230Vac
- Power Factor: PF >0.95

CONNECTIONS

- DMX: XLR 5 pole In/Out panel connectors
- Power supply: PowerCON TRUE1 In/Out panel connectors

CIRCUITS PROTECTIONS

- Overvoltage and overtemperature circuits protection

OPERATING TEMPERATURE

-10° / 45° C

STORAGE TEMPERATURE

-20° / 60° C

PHYSICAL

- IP20
- LED engine weight:
 - 6.6 Kg (14.6 lbs)
- Optical group weight:
 - 15-30: 5.2 Kg (11.5 lbs)
 - 25-50: 5.9 Kg (13 lbs)
- Finishing: Black

ACCESSORIES INCLUDED

- 1 x PowerCON TRUE1 female cable connector (code 0520P066)
- 1 x XLR 5 pins female cable connector (code 0508B147)
- 1 x XLR 5 pins male cable connector (code 0508B148)
- 1 x FilterframeBlack finishing - already installed on the projector (code 02M093424.49)

ACCESSORIES ON REQUEST

- Gobo holder (code 03.TA229)
- Gobo Holder + Filter Soft Edge (03.TA230)
- Iris/Diaphragm (code 03.TA228)
- Barndoor 4 leaf Black finishing (code 03.TBD06.49)
- Barndoor 8 leaf Black finishing (code 03.TBD08.49)
- Outdoor DMX cable 2 x 0,25 mm2 - Flame retardant (code 0509C158)
- Aliscraf clamp for Ø 48-51 mm tube-max load 100 Kg (code 0521A033)
- Professional G-QUICK clamp - max load 100 Kg (code 0521A037)
- Safety cable 3 x 600 mm - BGV-C1 certified (code 0521A049)
 - Single stranded: Max 20 Kg (44 lbs)
 - Double stranded: Max 30 Kg (66 lbs)
- Safety cable for Barndoor / Filterframe - Ø 0,8mm (code 0521A048)
- DTS firmware uploader dongle (code 03.LA.206)

PHOTOMETRIC DATA OPTICAL GROUP 15-30

BEAM ANGLE 15°

BEAM ANGLE 30°

	mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81		mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	
3000 K	22680	5670	2520	1418	907	lux center (lx)	7920	1980	880	495	317	3000 K
	2108	527	234	132	84	foot candles (fc)	736	184	82	46	29	3000 K
4000 K	24600	6150	2740	1540	985	lux center (lx)	8600	2150	960	540	345	4000 K
	2286	572	254	143	91	foot candles (fc)	799	200	89	50	32	4000 K
5700 K	25200	6300	2800	1575	1008	lux center (lx)	9120	2280	1013	570	365	5700 K
	2342	586	260	146	94	foot candles (fc)	848	212	94	53	34	5700 K
	53	105	158	211	263	diameter (cm)	107	214	322	429	536	
	1.73	3.46	5.18	6.91	8.64	diameter (ft)	3.52	7.03	10.55	14.07	17.58	

PHOTOMETRIC DATA OPTICAL GROUP 25-50

BEAM ANGLE 21°

BEAM ANGLE 46°

	mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81		mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	
3000 K	14880	3720	1653	930	595	lux center (lx)	3880	970	431	243	155	3000 K
	1383	346	154	86	55	foot candles (fc)	361	90	40	23	14	3000 K
4000 K	16400	4100	1830	1030	660	lux center (lx)	4000	1000	445	250	160	4000 K
	1524	381	169	95	61	foot candles (fc)	372	93	41	23	15	4000 K
5700 K	18400	4600	2044	1150	736	lux center (lx)	4420	1105	491	276	177	5700 K
	1710	428	190	107	68	foot candles (fc)	411	103	46	26	16	5700 K
	74	148	222	297	371	diameter (cm)	170	340	509	679	849	
	2.43	4.86	7.30	9.73	12.16	diameter (ft)	5.57	11.14	16.71	22.28	27.85	