

TENORE 3 HDW

Thanks, its multi-chip source technology, the Tenore 3 HQS offers superior light quality, both white with an optimal Colour Rendering Index of **98**, Television Lighting Consistency Index of **96** and saturated colours palette with **100** gel filter presets.

The Tenore 3 HDW is part of the DTS product family with 6-color LED-Multi-chip source together with its bigger brother Tenore 5 HDW, the Soprano 3 and 5 HDW family and the Alchemy series.

These products are calibrated one by one with a sophisticated calibration software owned by DTS, reaching very high levels of colour homogeneity and consistency, characteristics that every Light Designer or Director of Photography would like to have.

With its sleek and compact design with only 7,7 kg, the Tenore 3 HDW projector is perfect for any space, whether it be a small meeting room or a large auditorium. Its advanced features and superior light quality make it the ideal choice for professional installations where performance and reliability are paramount.

Overall, the Tenore 3 HDW sets the standard for quality and performance in the world of Fresnel Lights Technology, making it a top choice for Theatre, Auditorium, Conference Hall, TV studio and Virtual Production Sets.

The Tenore 3 HDW, is an ideal choice for anyone who needs a powerful, flexible and high-quality light source. With its high performance and reliability, it is a product that will certainly satisfy the most demanding needs of the professional lighting sector.

Thanks to the advanced technology and the quality of the materials used, the Tenore 3 HDW is a resistant and reliable product, capable of guaranteeing excellent performance over time. Furthermore, its compact and lightweight design makes it easy to transport and install, allowing it to be adapted to different lighting needs.

Last but not least, it is completely designed and assembled in Italy, in the DTS production factory in the province of Rimini.



APPLICATIONS

Theatres, TV studios, Virtual production studios, Auditoriums, Conference rooms

FEATURES



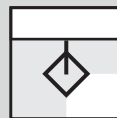
CERTIFICATIONS



FINITURES



TENORE 3 HDW Rev. 01.2025

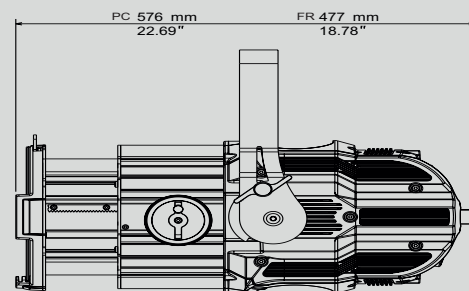
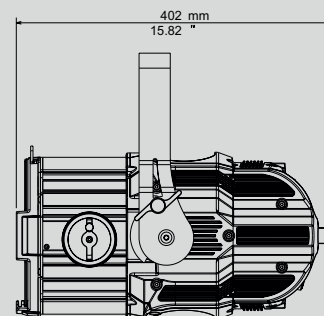
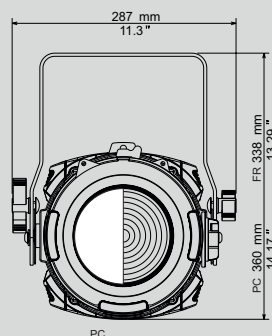


FRESNEL / PC LENS
BRACKET INSTALLATION
TUNABLE WHITE



FAMILY

SOPRANO	1	3	5
HQS			
HDW		●	
WH			



SKILLS

- High-efficiency multi-chip LED
- CRI up to 98 and TLCI up to 96
- Wide CCT range (1800 K – 10000 K)
- Linear green saturation control
- Hi-Q Dimming technology
- Tungsten emulation
- Intelligent fan modes
- DMX/RDM control
- LCD display with Jog Shuttle
- Professional connectors
- Built-in protections
- Linear zoom (Fresnel: 12°–68°, PC: 7°–45°)



CODE

03.TTN001 HDW .49 BLACK .F FRESNEL
.65 WHITE .A ANTIHALO



TECHNICAL DATA

OUTPUT

- Multi chip LED Source
- Lumens output: 5800 lm (Fresnel lens)
- Lumens output: 4100 lm (PC lens)
- CRI: up to 98
- TLCi: up to 96
- LED Lifespan: 50000 hours (L70B10)

OPTICAL GROUP

- Ø 130 mm Fresnel lens or PC lens
- Linear zoom:
 - 12° - 68° with Frensel lens
 - 7° - 45° with PC lens

WHITE GENERATION

- 6-color LED engine
- Linear CCT (1800 K - 10000 K)
- Linear 'Green saturation'

DIMMER

- 'Hi-Q Dimming' technology – guarantees a perfect linearity in the increase / attenuation of brightness of multi-chip LED sources, even at low dimming levels, without visible 'steps' between adjacent values
- Tungsten emulation - CCT variation emulates behavior of Halo-lamps

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, 69% power)
 - Silent: 23dBA @ 1m (normal operation, 69% power)
 - Ultra Silent: 22dBA @ 1m (normal operation, 62% power)
 - Automatic: fans adapt to operational status (output power priority)
- Firmware updatable via DTS firmware uploader dongle

DMX

- 3 DMX modes:
 - CCT (Default) - Dimmer 16 bit with Correlated Color Temperature; Green saturation control
 - Basic - Dimmer 8 bit with Correlated Color Temperature control

POWER SUPPLY

- Wide range 100/240 Vac 50-60 Hz
- Power consumption: 190 W max / 230Vac
- Power Factor: PF >0.94

CONNECTIONS

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

CIRCUITS PROTECTIONS

- Overvoltage and overtemperature circuits protection

TEMPERATURE

- Operating: -10° / +45° C
- Storage: -20° +60° C

PHYSICAL

- Weight:
 - FR - 7.7 Kg (17 lbs)
 - PC - 8.5 Kg (18.7 lbs)
- Finishing: Black - White
- IP rating: IP20

TEST AND CERTIFICATION

- CE

ACCESSORIES

ACCESSORIES INCLUDED

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

ACCESSORIES ON REQUEST

- Barndoor 4 leaf Black finishing (code 03.TBD06.49)
- Barndoor 8 leaf Black finishing (code 03.TBD08.49)
- Tophat (code 03.TA234)
- Outdoor DMX cable 2 x 0,25 mm2 - Flame retardant (code 0509C158)
- Aliscaf 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

		mt 2 ft6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	
FRESNEL	3000K	12040	3009	1338	752	482	lux center (lx)
		1119	280	124	70	45	foot candles (fc)
	4000K	15980	4000	1775	1000	639	lux center (lx)
		1485	371	165	93	59	foot candles (fc)
	5600K	15750	3940	1750	984	630	lux center (lx)
		1464	366	163	91	59	foot candles (fc)
	BEAM ANGLE 12°	42	83	125	167	208	diametro (cm)
		1.37	2.74	4.1	5.47	6.84	diametro (ft)

		mt 2 ft6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	
FRESNEL	3000K	1575	394	175	98	63	lux center (lx)
		146	37	16	9	6	foot candles (fc)
	4000K	2140	534	238	134	86	lux center (lx)
		199	50	22	12	8	foot candles (fc)
	5600K	2050	512	228	128	82	lux center (lx)
		190	48	21	12	8	foot candles (fc)
	BEAM ANGLE 68°	270	540	809	1079	1349	diametro (cm)
		8,85	17,70	26,56	35,41	44,26	diametro (ft)

		mt 2 ft6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	
PC	3000K	17775	4444	1975	1111	711	lux center (lx)
		1652	413	184	103	66	foot candles (fc)
	4000K	23850	5963	2650	1491	954	lux center (lx)
		2217	554	246	139	89	foot candles (fc)
	5600K	23063	5766	2563	1441	923	lux center (lx)
		2143	536	238	134	86	foot candles (fc)
	BEAM ANGLE 7°	24	49	73	98	122	diametro (cm)
		0,80	1,61	2,41	3,21	4,01	diametro (ft)

		mt 2 ft6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	
PC	3000K	1913	478	213	120	77	lux center (lx)
		178	44	20	11	7	foot candles (fc)
	4000K	2588	647	288	162	104	lux center (lx)
		240	60	27	15	10	foot candles (fc)
	5600K	2475	619	275	155	99	lux center (lx)
		230	58	26	14	9	foot candles (fc)
	BEAM ANGLE 45°	166	331	497	663	828	diametro (cm)
		5,44	10,87	16,31	21,74	27,18	diametro (ft)

for more data scan the front page QR code