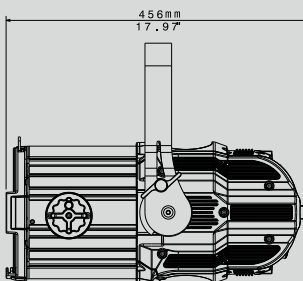
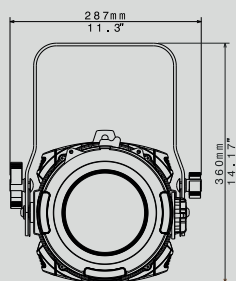
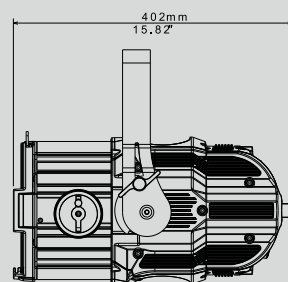
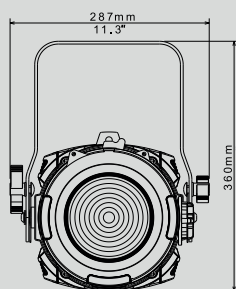


# TENORE 3 HDW



THE WHITE MANAGEMENT SYSTEM  
BY DTS IN A CONVENTIONAL  
FRESNEL OR ANTIHALO FIXTURE



## FEATURES



## OPTIONALS

## CERTIFICATIONS



## CODES

**FRESNEL LENS - 03.TTN001.49.F**

**ANTIHALOLENS-03.TTN001.49.A**



## TECHNICAL DATA

### OUTPUT

- Multi chip LED Source
- Lumens output: 4,500 lm (Fresnel lens)
- Lumens output: 2,700 lm (PC lens)
- CRI: up to 98
- TLCI: up to 96
- LED Lifespan: 20,000 hours (70% lumen output)

### OPTICAL GROUP

- Ø 130 mm Fresnel lens or Antihalo (PC) lens
- Linear zoom
  - 12° - 68° with Fresnel lens
  - 7° - 45° with PC lens

### COLOR & WHITE GENERATION

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

### DIMMER

- Hi-Q Dimming technology
- Tungsten Emulation function

### CONTROL

- LCD graphic display + Jog Shuttle
- RDM/DMX 512 protocols
- 'Standard', 'Silent', 'Ultra Silent' and 'Automatic' fan modes
- Noise level
  - Fan Standard: 24dBA @ 1m (normal operation, 100% power)
  - Fan Silent: 23dBA @ 1m (normal operation, 100% power)
  - Fan Ultra Silent: 22dBA @ 1m (normal operation, 91% power)
  - Automatic: fans adapt to operational status (output power priority)
- Firmware updatable via DTS firmware uploader dongle

### DMX

- 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

### OPERATING TEMPERATURE

-10° / 45° C

### STORAGE TEMPERATURE

-20° / 60° C

### PHYSICAL

- IP20
- Weight:
  - FR - 7.7 Kg (17 lbs)
  - PC - 8.5 Kg (18.7 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 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)
- Outdoor DMX cable 2 x 0,25 mm2 - Flame retardant (code 0509C158)
- Aliscraf clamp for Ø 48-51 mm tube-max load 100 Kg 8code 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 FRESNEL LENS

BEAM ANGLE 12° - @ 50%

BEAM ANGLE 68° - @ 10%

	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	12040	3009	1338	752	482	lux center (lx)	1575	394	175	98	63	3000 K
	1119	280	124	70	45	foot candles (fc)	146	37	16	9	6	3000 K
4000 K	15980	4000	1775	1000	639	lux center (lx)	2140	534	238	134	86	4000 K
	1485	371	165	93	59	foot candles (fc)	199	50	22	12	8	4000 K
5600 K	15750	3940	1750	984	630	lux center (lx)	2050	512	228	128	82	5600 K
	1464	366	163	91	59	foot candles (fc)	190	48	21	12	8	5600 K
	42	83	125	167	208	diameter (cm)	270	540	809	1079	1349	
	1.37	2.74	4.1	5.47	6.84	diameter (ft)	8.85	17.7	26.56	35.41	44.26	

## PHOTOMETRIC DATA PC LENS

BEAM ANGLE 7° - @ 50%

BEAM ANGLE 45° - @ 10%

	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	17775	4444	1975	1111	711	lux center (lx)	1913	478	213	120	77	3000 K
	1652	413	184	103	66	foot candles (fc)	178	44	20	11	7	3000 K
4000 K	23850	5963	2650	1491	954	lux center (lx)	2588	647	288	162	104	4000 K
	2217	554	246	139	89	foot candles (fc)	240	60	27	15	10	4000 K
5600 K	23063	5766	2563	1441	923	lux center (lx)	2475	619	275	155	99	5600 K
	2143	536	238	134	86	foot candles (fc)	230	58	26	14	9	5600 K
	24	49	73	98	122	diameter (cm)	166	331	497	663	828	
	0.8	1.61	2.41	3.21	4.01	diameter (ft)	5.44	10.87	16.31	21.74	27.18	