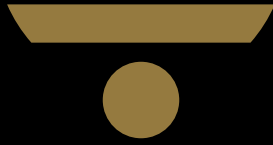


TRIBE<sup>7</sup>



# BLACKNING<sup>7</sup>

PRIME LENS RANGE

SPECS · TIMING · PRICING



THIS ADVANCE INFORMATION IS SUBJECT TO CHANGE

## O U T L I N E

Purpose-designed for large format motion picture imaging, BLACKWING<sup>7</sup> lenses from TRIBE<sup>7</sup> represent an entirely new range of tuned optics for contemporary film makers to use within their creative story telling.

BLACKWING<sup>7</sup> optics exhibit unique imaging properties which arise from the introduction of controlled distortion during the development and manufacturing processes. This distortion is modular and allows a level of tuneability over key parameters which shape many creative characteristics of the lenses.

The lens range comprises nine focal lengths: a core set of seven plus two additional wide lenses. All lenses are offered in three tuning options per focal length, configurable at point of manufacture.

BLACKWING<sup>7</sup> lens tuning allows parameters such as sharpness, contrast, roll-off, spherical aberration, field curvature, edge halation and flare to be modified to provide sets of “curated” optics to suit the personality and intent of the owner.

Many of the design cues for BLACKWING<sup>7</sup> primes originate in optics manufactured during the 1930 - 1960s, but the real inspiration behind the lenses lies in the evolutionary nature of experimental music and audio synthesis, and the process of creating distortion through sound amplification.

Conceptually, the ability to tune each BLACKWING<sup>7</sup> lens is identical to how EQ adjustment is used in music production - to control the range, or shape of tonality in specific bands across the audio frequency spectrum. The image produced by a BLACKWING<sup>7</sup> lens can be described as having a musical fidelity to it; with each focal length having an underlying level of distortion which can be controlled to produce strong artistic resonances including unique flaring characteristics.

Ten sets of BLACKWING<sup>7</sup> BINARIES were created by TRIBE<sup>7</sup> to help introduce the film making community to the concept of audio merging into imaging. These limited-edition BINARIES are named in recognition of creative imaging not being a black or white process – film makers accessing a wide choice of optics is essential to serve creative storytelling. BLACKWING<sup>7</sup> BINARIES have been widely used on commercials, music videos, TV and feature productions and all feedback from these unique lenses has contributed to the production tuning of the BLACKWING<sup>7</sup> prime lenses which are now shipping.



## TECHNICAL SPECIFICATION

FOCAL LENGTH	IMAGE CIRCLE MM MAX ILLUMINATION	CLOSE FOCUS		WEIGHT	
		IN	CM	LB	KG
20.7	50	<9.0	<23.0	3.2	1.5
23.7	50	10.3	26.0	3.2	1.5
27	55	13.0	34.0	3.6	1.7
37	60	18.0	45.7	3.4	1.6
47	60	17.5	44.5	3.2	1.5
57	60	19.0	48.3	3.5	1.6
77	60	26.0	66.0	3.0	1.4
107	62	27.0	68.5	3.2	1.4
137	62	32.0	81.3	3.2	1.5

BLACKWING<sup>7</sup> TECHNICAL SPECIFICATIONS

APERTURE	—	T1.8 TO T22 FOR 77 & 107MM T1.9 TO T22 FOR ALL OTHER FOCAL LENGTHS
IRIS SYSTEM	—	NON-LINEAR, 14 BLADE
IMAGE DISTORTION	—	LESS THAN -4% / +0.5%
TRANSMISSION WAVEBAND	—	420NM TO 680NM
COLOR AND TONALITY	—	MATCHED ACROSS THE RANGE
MAGNIFICATION SHIFT	—	LESS THAN 4% (FROM ∞ TO CLOSE FOCUS)
FOCUS AND IRIS BACKLASH	—	NEGLIGIBLE
FLANGE SYSTEM	—	PL MOUNT
FOCUS SCALE AND DRIVE	—	WINDOWED 20.7 TO 137MM LEFT/RIGHT IN FEET (METERS ON REQUEST) 270-DEGREE ROTATION GEARING: 142 TEETH, 0.8MM MOD, 6MM WIDTH,
APERTURE SCALE AND DRIVE	—	115.2MM DIA NON-WINDOWED LEFT/RIGHT 90-DEGREE ROTATION GEARING: 134 TEETH, 0.8MM MOD, 3MM WIDTH, 108.8MM DIA
OPERATING TEMPERATURE RANGE	—	-20 TO +45 C

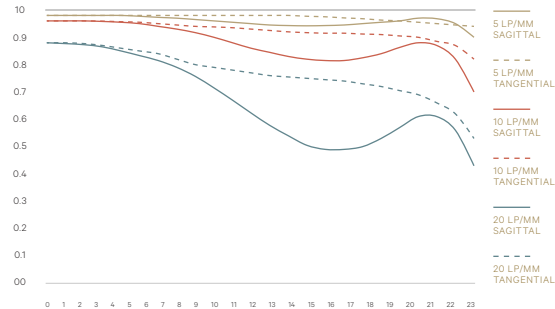


## TUNING

Every BLACKWING<sup>7</sup> lens is hand-built, using a proprietary production tuning process which allows the optical performance of each lens in the range to be uniquely configured and tuned to their owner's wishes and creative style. Three pre-set tonalities are available to order:

### S STRAIGHT

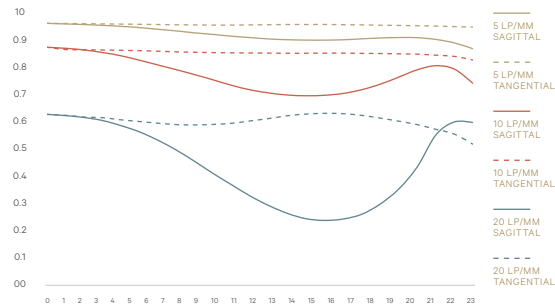
S-tune BLACKWING<sup>7</sup> primes have a tuning profile based on optical designs from the first half of the 20<sup>TH</sup> Century, such as the 1950 Wray UNILITE 50MM f/2. S lenses have optical elements with multi-layer coatings to help control the resonant flare characteristics seen in the T and X variant BLACKWING<sup>7</sup> primes. The more advanced optical coating also allows a modest increase in central image sharpness whilst maintaining a smooth roll-off of contrast across the frame.



77MM T1.9 S-TUNED

### T TRANSIENT

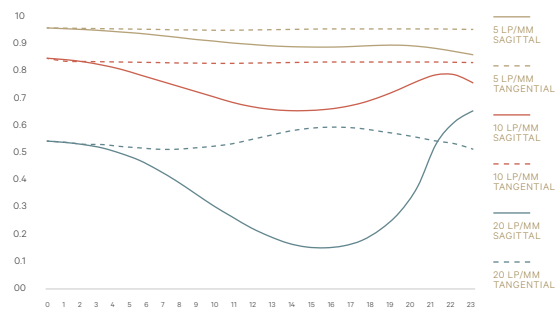
T-tune BLACKWING<sup>7</sup> primes are very much the workhorse lenses in the BLACKWING<sup>7</sup> range. They have a tuning profile which further exaggerates contrast roll-off to the edge of the frame and provides increased edge halation. T lenses have a unique personality and are designed to render a slightly softer, more artistic image, with a higher degree of light reactivity and more vibrant flaring characteristic due to the use of vintage-style single-coated optics.



77MM T1.9 T-TUNED

### X EXPRESSIVE

X-tune BLACKWING<sup>7</sup> primes are the lowest contrast variant of the BLACKWING<sup>7</sup> lens range. Further exaggerated edge halation, with a minor degree of spherical aberration and focal plane curvature increases the perception of a shallower depth of field. X-tuned optics have selective edge-uncoating to reduce contrast under hard lighting conditions. They are designed for film makers who light minimally and favour lenses which can create smooth, almost ethereal images.



77MM T1.9 X-TUNED





## AVAILABILITY AND PRICING

### AVAILABILITY

BLACKWING<sup>7</sup> lenses are available worldwide through direct enquiry from TRIBE<sup>7</sup> or distributors below.

All orders will be fulfilled on a first-come, first-served basis. Focal length and tuning requirements will be discussed with clients to build a personalised quotation on which an order can be based. Tuning choice can be changed up to 8 weeks prior to delivery. Leadtime from time of order to the first shipment is now 6 months, lead times may vary by distributor.

### DISTRIBUTION

In the below regions, BLACKWING<sup>7</sup> lenses are exclusively available from our distributors:

- CVP United Kingdom aaron.george@cvp.com
- Second Reef Europe sales@second-reef.com
- AbelCine North America tribe7@abelcine.com

### PRICING

BLACKWING <sup>7</sup> LENS	US DOLLAR		EURO	
	S T X	CUSTOM	S T X	CUSTOM
20.7MM T1.9	15,469	16,110	13,777	14,349
23.7MM T1.9	15,244	15,876	13,577	14,141
27MM T1.9	13,771	14,296	12,777	13,264
37MM T1.9	12,268	12,761	11,277	11,752
47MM T1.9	12,268	12,761	11,277	11,752
57MM T1.9	12,268	12,761	11,277	11,752
77MM T1.9	12,268	12,761	11,277	11,752
107MM T1.9	12,191	12,654	11,277	11,705
137MM T1.9	12,168	12,644	11,277	11,718
SET OF 9 LENSES	117,914	122,625	107,793	112,185

A 10% deposit is payable with order and is required to secure early availability. Pricing is FOB factory (Bavaria, Germany) and excludes delivery charges and all taxes.

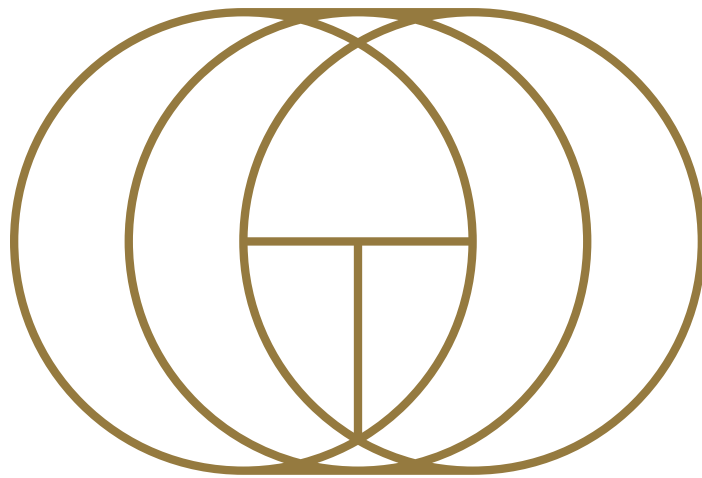
Bespoke lens tuning and personalisation services are available on request and will be priced accordingly. Additional specialized focal lengths – including wide angle and macro variants - are being researched and developed.

\*USD pricing is subject to exchange rate fluctuation



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MISSION