

August 31th, 2017. Cutwise v.3.9.0: Release notes

New features

1. New Optical Performance Metrics – Brilliance and Optical Symmetry, view details and sorting.

Now metrics are shown on:

- Home page (listing). [Picture 1A](#).
- Compare page. [Picture 1B](#).
- Public Boards. [Picture 1C](#).
- Optical Metrics Report. [Picture 1D](#).

2. Fullscreen view for public boards to demonstrate diamonds beauty. [Picture 2.1](#). [Picture 2.2](#).

Demo Public Board – <https://cutwise.com/~ZTT8>

3. Import information about your products from CSV files. [Manual](#).

Major bugfixes and improvements

1. Changes on Optical Metrics report:

- New scatter plot to compare diamonds by Fire and Brilliance metrics. [Picture 3](#).
- Single scale for video and fire maps.
- View correct name for video presets.
- Fixed color for Cut Shape in scatter plot.

2. New Fluorescence Strength value filter. [Picture 4](#).

3. Angular velocity is equalized between videos with different frames number.

Minor bugfixes and improvements

1. Multiple certificate upload. [Picture 5](#).

2. Upload DiBox / ViBox / HPO media from stone edit page. [Picture 5](#).

3. Clicking anywhere on video in listing leads to stone page.

4. Fixed date filter – dynamic value for Last day / Last week / Last month.

Pictures 1A, 1B, 1C, 1D. Optical Performance Metrics.

Brilliance

Optical Symmetry

Fire

Fire per Carat

More

Choose Rows

Image Gallery

Movies

Single Scale

54 diamonds meet current filters

Compare

Clear

SKU	5704896	5704903	5704959	5674462	5714299	5714302	1071710173	5714313
Shape	Cushion	Round	Round	Cushion	Round	Round	Heart	Cushion
Carat Weight	2.15 ct	2 ct	2 ct	1.57 ct	2.01 ct	2 ct	0.92 ct	2.01 ct
Spread	-18.78 %	-10.84 %	-11.68 %	-	-17.56 %	-6.27 %	-8.68 %	-18.04 %
Apparent Size	1.81 ct	1.80 ct	1.79 ct	-	1.71 ct	1.68 ct	0.85 ct	1.70 ct
Color	F	G	K	H	I	H	G	H
Clarity	VS2	VVS2	VS1	VS1	VS1	VS1	VVS1	SI1
Optical Symmetry	3.97	3.84	3.74	3.66	3.65	3.55	3.50	3.46
Fire	1.14	1.33	1.47	1.08	1.49	1.54	0.96	1.14
Fire per carat	0.69	0.83	0.92	0.75	0.93	0.96	0.86	0.71
Fire per area	0.76	0.88	0.98	0.80	1.01	1.00	0.87	0.78
Brilliance	1.08	1.07	1.07	1.09	1.04	1.08	0.88	1.12
Listed Date	15.07.2017	17.07.2017	15.07.2017	17.07.2017	17.07.2017	17.07.2017	29.04.2017	17.07.2017

Girdle	5.15 %	5.15 %
Culet	0.29 %	0.27 %

Optical Performance Metrics / Fire Metrics

Fire	1.47	0.14 (10%) ↑	1.33
Fire per carat	0.92	0.09 (10%) ↑	0.83
Fire per area	0.98	0.10 (11%) ↑	0.88

Optical Performance Metrics / Symmetry Metrics

Optical Symmetry	3.74	3.84
Crown Optical Symmetry	3.64	3.97
Pavilion Optical Symmetry	3.83	3.71

Optical Performance Metrics / Brilliance metrics

Brilliance	1.07	1.07	0.01 (1%) ↑
Static Brilliance	0.90	0.92	
Brilliance Temporal Variation	1.27	1.26	

Cutwise

Sign in

71 diamonds Board created by TATYANA DUROVA

Date

Price

Carat

Clarity

Brilliance

More

View Optical Metrics Report

Share

Grayscale

Single scale

Show descriptions

040462
Cushion, 0.51ct, H, VS2, -18.82%
Fire 0.57 Brilliance 0.99 Spread, % -18.82

040509
Cushion, 0.53ct, G, VS1, -21.90%
Fire 0.60 Brilliance 0.99 Spread, % -21

040214
Cushion, 0.80ct, H, VS1, -17.43%
Fire 0.77 Brilliance 0.97 Spread, % -17.43

65810021
Oval, 1.58ct, H, VS1, -8.46%
Fire 0.97 Brilliance 0.97 Spread, % 6.46

65840216
Radiant, 1.58ct, H, VS2, -1.40%
Fire 0.78 Brilliance 0.96 Spread, % -1.4

File Light B-Video

General

Grade

Polish Data

Fire metrics

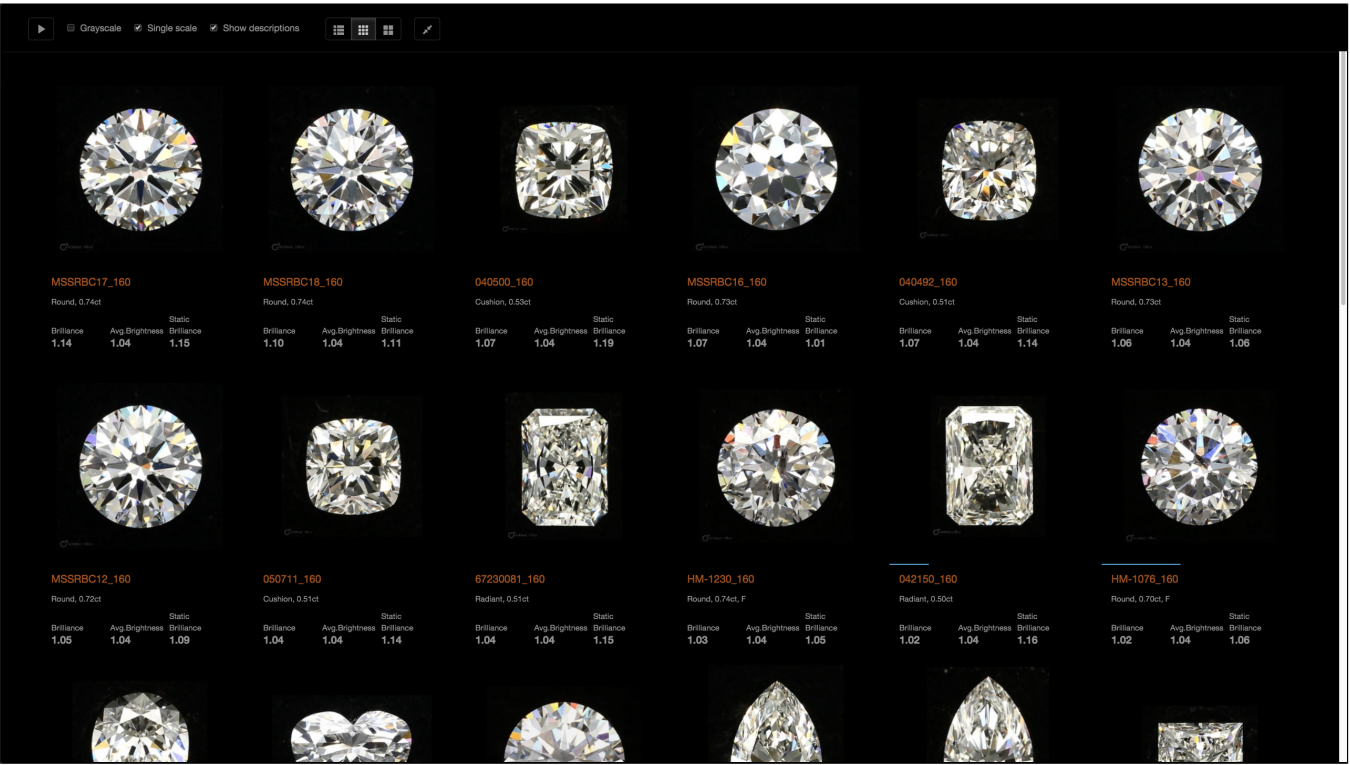
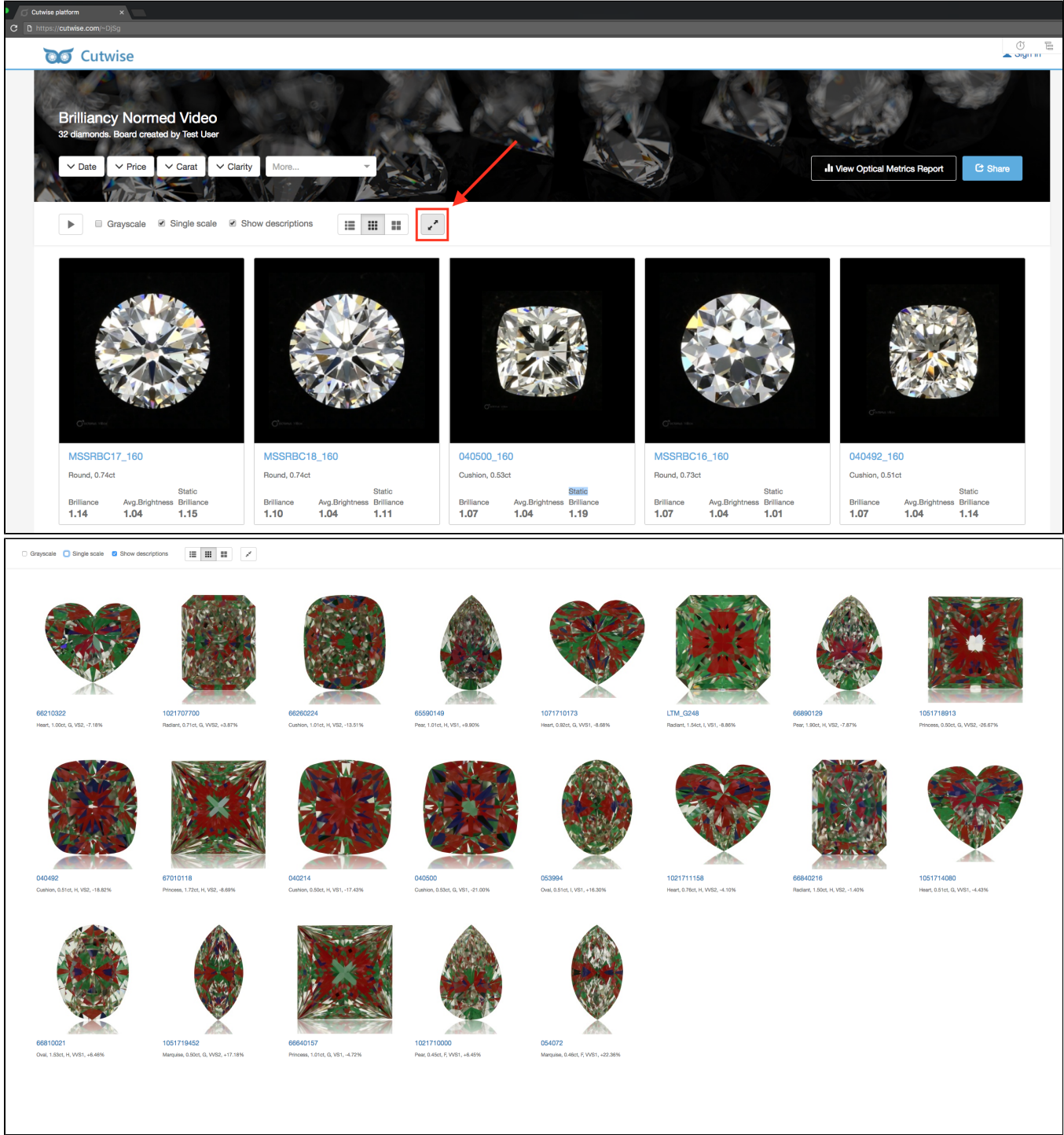
Fire	1.54	1.50	1.49	1.47	1.33	1.27	1.25	1.19	1.17	1.14	1.14	1.14	1.11	1.10	1
Fire per carat	0.96	0.94	0.93	0.92	0.83	0.76	0.76	0.59	0.70	0.69	0.71	0.98	0.95	0.79	1
Fire per area	1.00	1.00	1.01	0.98	0.88	0.73	0.83	0.57	0.67	0.76	0.78	0.99	0.97	0.82	1

Symmetry metrics

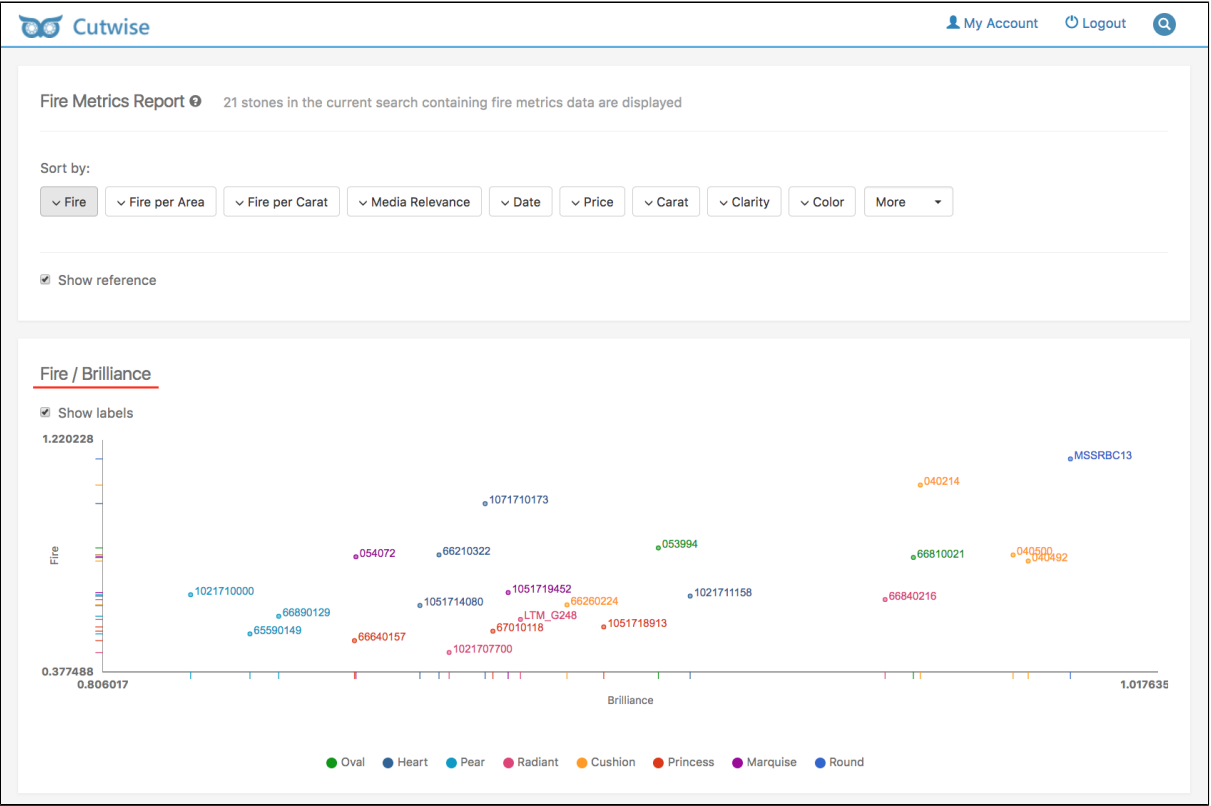
Brilliance metrics

Brilliance	1.08	1.10	1.04	1.07	1.07	1.03	1.14	0.86	0.97	1.08	1.12	1.08	1.06	0.88	1
Static Brilliance	0.97	0.97	0.91	0.90	0.92	0.87	1.01	0.73	0.80	0.97	0.98	1.01	1.00	0.87	1
Brilliance Temporal Variation	1.21	1.24	1.20	1.27	1.26	1.23	1.29	1.02	1.17	1.20	1.28	1.14	1.12	0.89	1

Pictures 2. Fullscreen view for public boards.



Picture 3. Fire / Brilliance diagram.



Picture 4. Fluorescence Strength filter.

Filters

CUT SHAPE Available Only ☒

Round Princess Cushion Oval Marquise Pear Radiant Emerald Asscher Heart

CARAT WEIGHT 0 0.5 1 2 5 10 303

0 303 All Sizes

PRICE 100 1000 5000 20000 100000 300000

0 303000 Include stones without price

CERTIFICATE Any Lab GIA AGS EGL IGI HRD IIDGR Other

COLOR Colorless Fancy Color D E F G H I J K L+ All

CLARITY FL IF VVS1 VVS2 VS1 VS2 SI1 SI2 I+ All

CUT QUALITY Excellent Very Good Good Fair Poor All

FLUORESCENCE STRENGTH None Faint Medium Strong Very Strong All

Additional Filters

Media Relevance Date Price Carat Clarity Color More

Choose Rows Image Gallery Movies Single Scale

6443 diamonds meet current filters Compare Clear

Picture 5. Stone edit page (cert and media fields).

Clarity

Grade

VS1

Inclusion details

Color

Select...

Girdle

Thickness min

Select...

Thickness max

Select...

Finish

Select...

Culet

Select...

Certificates

Certifications did not upload

+ Upload new

Media





Office (Black Background)

Dibox

9/18 1/5s ISO100

Delete

Hide this media

Media Upload

+ Upload media

Polish Data

Length x Width	mm	mm
Total Depth	%	mm
Spread	mm	ct