

## darktable - Bug #12209

Bug # 11581 (New): Huffmantable is broken.

### [3/3] Regression: nikon lossy after split raw support are completely broken.

05/19/2018 04:28 PM - Roman Lebedev

<b>Status:</b>	Fixed	<b>Start date:</b>	05/19/2018
<b>Priority:</b>	Medium	<b>Due date:</b>	
<b>Assignee:</b>	Roman Lebedev	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.6.0	<b>bitness:</b>	64-bit
<b>Affected Version:</b>	git master branch	<b>hardware architecture:</b>	amd64/x86
<b>System:</b>	all		
<b>Description</b>			
Copied from <a href="https://github.com/darktable-org/rawspeed/issues/129">https://github.com/darktable-org/rawspeed/issues/129</a>			
The LUT code assumes that all values are actually lengths, and are smaller than 16, which isn't the case for nikon lossy-after-split raws.			
<b>Related issues:</b>			
Duplicated by darktable - Bug #12153: Yet another nikon "lossy after split" raw		<b>Duplicate</b>	<b>04/24/2018</b>
Duplicated by darktable - Bug #11791: Nikon D3400: failed to read camera whit...		<b>Duplicate</b>	<b>10/28/2017</b>
Duplicated by darktable - Bug #11899: Failed to read camera white balance inf...		<b>Duplicate</b>	<b>01/01/2018</b>
Duplicated by darktable - Camera Support #11949: Nikon D5600 Raw Files >ISO 1...		<b>Duplicate</b>	<b>01/20/2018</b>
Duplicated by darktable - Bug #12047: darktake no longer reading Nikon D5500 ...		<b>Duplicate</b>	<b>03/03/2018</b>
Duplicated by darktable - Bug #12152: Failed to read white balance informatio...		<b>Duplicate</b>	<b>04/24/2018</b>
Duplicated by darktable - Bug #11923: Unable to load white balance		<b>Duplicate</b>	<b>01/12/2018</b>
Duplicated by darktable - Bug #12243: "Failed to read white balance informati...		<b>Duplicate</b>	<b>06/24/2018</b>
Duplicated by darktable - Camera Support #12354: Nikon D750: faled to read ca...		<b>Duplicate</b>	<b>10/07/2018</b>

### Associated revisions

#### Revision 24b8e3d1 - 11/29/2018 11:07 PM - Roman Lebedev

RawSpeed submodule update. Lot's of stuff.

Fixes #12209 - nikon lossy after split support. yay.  
Refs. #12207

Fixes #12418 - Nikon D2Xs camera support  
Nikon Z 6 camera support (except uncompressed raws)

More implicit conversion sanitization.

VC5Decompressor fuzzing, perf improvements.

Some cmake changes to improve LTO builds.

### History

**#1 - 05/19/2018 08:59 PM - Roman Lebedev**

- Duplicated by Bug #12153: Yet another nikon "lossy after split" raw added

**#2 - 05/19/2018 08:59 PM - Roman Lebedev**

- Duplicated by Bug #11791: Nikon D3400: failed to read camera white balance information added

**#3 - 05/19/2018 09:00 PM - Roman Lebedev**

- Duplicated by Bug #11899: Failed to read camera white balance information from xxx.NEF on some pics from Nikon1 J1 added

**#4 - 05/19/2018 09:00 PM - Roman Lebedev**

- Duplicated by Camera Support #11949: Nikon D5600 Raw Files >ISO 10000 not loading, white balance reading error added

**#5 - 05/19/2018 09:00 PM - Roman Lebedev**

- Duplicated by Bug #12047: darktake no longer reading Nikon D5500 Photos properly added

**#6 - 05/19/2018 09:02 PM - Roman Lebedev**

- Duplicated by Bug #12152: Failed to read white balance information from NEF (D5500 RAW) added

**#7 - 05/19/2018 09:02 PM - Roman Lebedev**

- Duplicated by Bug #11923: Unable to load white balance added

**#8 - 06/24/2018 03:02 PM - Roman Lebedev**

- Duplicated by Bug #12243: "Failed to read white balance information" on some NEF images added

**#9 - 10/29/2018 08:47 PM - Roman Lebedev**

- Duplicated by Camera Support #12354: Nikon D750: faled to read camera white balance information from filename.nef added

**#10 - 10/29/2018 08:56 PM - Roman Lebedev**

- Status changed from New to In Progress

- % Done changed from 0 to 50

**#11 - 11/29/2018 11:31 PM - Roman Lebedev**

- % Done changed from 50 to 100

- Status changed from In Progress to Fixed

Applied in changeset [darktable|24b8e3d1e4550100e14a069ce18e5d2a2df9ca67](#).

**#12 - 11/29/2018 11:52 PM - Roman Lebedev**

- Target version set to 2.6.0