

Nikon D70s Split Screen Metering Test

Camera (**Stock**): **Nikon D70s in "Out-of-Factory" state**
 Camera (**Katz Eye**): **Nikon D70s with Katz Eye "Plus" Split Focus Screen with OptiBright treatment**
 Lens: **AF-S 28-70mm f/2.8 (same lens used for all tests)**
 Auto-Focus Mode: **AF-S**
 Auto-Focus Area Mode: **Single - Centre**
 Metering: **3-D Matrix**
 White Balance: **Auto**

Test Set One

Focal Length: **50mm**
 Lighting: **Florescent (Office Desk)**

Aperture Priority	Shutter Speed	
	Aperture	Stock
2.8	1 / 160	1 / 80
4	1 / 80	1 / 40
5.6	1 / 40	1 / 20
8	1 / 20	1 / 10
11	1 / 10	1 / 6
16	1 / 5	1 / 2.5
22	1 / 2.5	1 / 1.6

Shutter Priority	Aperture	
	Shutter Speed	Stock
1 / 60	4.5	3.2
1 / 125	3.2	Lo
1 / 250	Lo	Lo
1 / 500	Lo	Lo
1 / 1000	Lo	Lo

Programme Mode	Aperture	Shutter Speed
	Stock	4.5
Katz Eye	3.5	1 / 50

Test Set Two

Focal Length: **50mm**
 Lighting: **Sunlight + Florescent (Office Window)**

Aperture Priority	Shutter Speed	
	Aperture	Stock
2.8	1 / 400	1 / 250
4	1 / 250	1 / 160
5.6	1 / 125	1 / 80
8	1 / 60	1 / 40
11	1 / 30	1 / 20
16	1 / 15	1 / 10
22	1 / 8	1 / 5

Shutter Priority	Aperture	
	Shutter Speed	Stock
1 / 60	8	6.3
1 / 125	5.6	4.5
1 / 250	4	2.8
1 / 500	Lo	Lo
1 / 1000	Lo	Lo

Programme Mode	Aperture	Shutter Speed
	Stock	5.6
Katz Eye	5	1 / 100

Sample
 Focal Length:
 Lighting:
 Aperture:
 Shutter Speed

"Stock" Camera
 50mm
 Florescent (Office Desk)
 4.5
 1 / 80



Sample
 Focal Length:
 Lighting:
 Aperture:
 Shutter Speed

"Katz Eye" Camera
 50mm
 Florescent (Office Desk)
 3.5
 1 / 50

