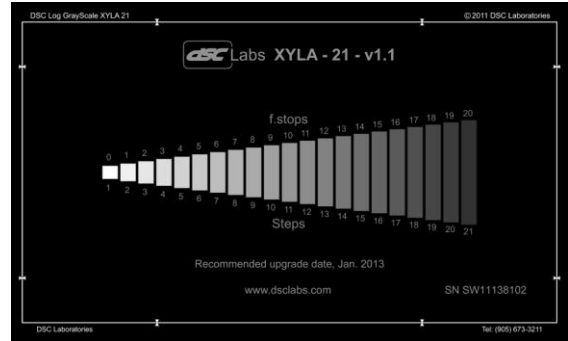


Xyla[®] 21 - 20 f-stop Log GrayScale OSG (120dB Optical Signal Generator)

This high precision 21-step, 20 f-stop rear-lit, test pattern is invaluable for clients working in engineering and digital cinema, enabling them to evaluate and calibrate the dynamic range of high-end HDTV and digital cameras.

With its built-in light source, the Xyla has an opaque surround to reduce camera flare and discrete, numbered, spectrophotometrically neutral steps which can be viewed individually or in groups.



Other DSC rear-lit charts are normally viewed in a DSC Ambi Illuminator, but the extreme dynamic range (1:1,000,000) dictates that the Xyla-21 be used in a totally dark environment.

Technical Data

Step #	dB	F-Stops	Norm.100*	Density
1	0	0	100.00000	0.00
2	6	1	50.00000	0.30
3	12	2	25.00000	0.60
4	18	3	12.50000	0.90
5	24	4	6.25000	1.20
6	30	5	3.12500	1.51
7	36	6	1.56250	1.81
8	42	7	0.78125	2.11
9	48	8	0.39063	2.41
10	54	9	0.19531	2.71
11	60	10	0.09766	3.01
12	66	11	0.04883	3.31
13	72	12	0.02441	3.61
14	78	13	0.01221	3.91
15	84	14	0.00610	4.21
16	90	15	0.00305	4.52
17	96	16	0.00153	4.82
18	102	17	0.00076	5.12
19	108	18	0.00038	5.42
20	114	19	0.00019	5.72
21	120	20	0.000095	6.02

*Transmission less the density of the mounting elements (Acrylic etc)

For further information on CamAlign and Ambi/Combi DX-1 image control systems, please contact:

DSC Laboratories - 3565 Nashua Drive, Mississauga, Ontario, Canada L4V 1R1

Tel: (905) 673-3211 Fax: (905) 673-0929 e-mail: dsc@dsclabs.com <http://www.dsclabs.com>

DSC test materials are covered by one or more patents others pending.

Liability of DSC Laboratories is limited to replacement of test materials.

QMF26

Issue 2

March 31, 2011