

Ilford MGRC Deluxe Pearl with Adox Neutol ECO 1+4 for 1m30s @ 20.25C, Omega C760 w/ Dichroic Head														
ISO	Ilford		Value	Value	T-Point									S-Point
Range	Grade	Filter	Value I-IX	III-VIII	III-VII	Value I	Value II	Value III	Value IV	Value V	Value VI	Value VII	Value VIII	Value IX
			Range	Range	Range	(lx*s)	(lx*s)	(lx*s)	(lx*s)	(lx*s)	(lx*s)	(lx*s)	(lx*s)	(lx*s)
R166		200Y	1.66	1.04	0.83	167.69	103.97	64.47	39.97	24.79	15.37	9.53	5.91	3.66
R165		197Y	1.65	1.03	0.83	162.52	101.08	62.86	39.10	24.32	15.12	9.41	5.85	3.64
R160	00	182Y	1.60	1.00	0.80	140.09	88.39	55.77	35.19	22.20	14.01	8.84	5.58	3.52
R155	00.17	167Y	1.55	0.97	0.78	120.78	77.31	49.49	31.68	20.28	12.98	8.31	5.32	3.40
R150	00.33	151Y	1.50	0.94	0.75	104.11	67.61	43.90	28.51	18.51	12.02	7.81	5.07	3.29
R145	00.5	136Y	1.45	0.91	0.73	89.76	59.14	38.96	25.67	16.91	11.14	7.34	4.83	3.18
R140	00.67	121Y	1.40	0.88	0.70	77.39	51.72	34.57	23.10	15.44	10.32	6.90	4.61	3.08
R135	00.83	106Y	1.35	0.84	0.68	66.71	45.23	30.67	20.79	14.10	9.56	6.48	4.39	2.98
R130	0	91Y	1.30	0.81	0.65	57.52	39.56	27.21	18.72	12.88	8.86	6.09	4.19	2.88
R125	0.25	83Y	1.25	0.78	0.63	48.88	34.11	23.80	16.61	11.59	8.09	5.64	3.94	2.75
R120	0.5	75Y	1.20	0.75	0.60	41.51	29.39	20.81	14.73	10.43	7.38	5.23	3.70	2.62
R115	0.75	64Y	1.15	0.72	0.58	33.41	24.00	17.23	12.38	8.89	6.38	4.59	3.29	2.37
R110	1	46Y	1.10	0.69	0.55	23.88	17.40	12.68	9.24	6.73	4.90	3.57	2.60	1.90
R105	1.25	33Y	1.05	0.66	0.53	17.15	12.68	9.37	6.93	5.12	3.78	2.80	2.07	1.53
R100	1.5	13Y	1.00	0.63	0.50	10.16	7.62	5.72	4.29	3.21	2.41	1.81	1.36	1.02
R97	1.65	0M	0.972	0.61	0.49	6.70	5.06	3.83	2.89	2.19	1.65	1.25	0.94	0.71
R95	1.76	6M	0.95	0.59	0.48	7.54	5.74	4.37	3.32	2.53	1.92	1.46	1.11	0.85
R90	2	14M	0.90	0.56	0.45	7.78	6.00	4.63	3.58	2.76	2.13	1.64	1.27	0.98
R85	2.5	21M	0.85	0.53	0.43	8.02	6.28	4.91	3.85	3.01	2.36	1.85	1.45	1.13
R80	2.75	33M	0.80	0.50	0.40	8.46	6.72	5.34	4.24	3.37	2.68	2.13	1.69	1.34
R75	3	50M	0.75	0.47	0.38	9.16	7.38	5.95	4.79	3.86	3.11	2.51	2.02	1.63
R70	3.5	76M	0.70	0.44	0.35	9.84	8.04	6.57	5.37	4.39	3.59	2.94	2.40	1.96
R65	3.7	145M	0.65	0.41	0.33	10.12	8.40	6.96	5.77	4.79	3.97	3.29	2.73	2.27
R63		200M	0.63	0.39	0.31	9.92	8.29	6.92	5.78	4.83	4.03	3.37	2.81	2.35

Notes:

1. Base+Fog=0.03, Dmax=2.12
2. Exposures listed are with white light (i.e., before applying color filters)
3. Data from tests 2025-11-02.
4. Assuming straight line slope for Value II thru VIII values, densities at each range for a given value will vary some.

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Normal Values for R97		
	Exposure	
Value	(logH)	Density
0	0.95	2.08
I	0.83	1.91
II	0.70	1.59
III	0.58	1.20
IV	0.46	0.88
V	0.34	0.64
VI	0.22	0.45
VII	0.10	0.28
VIII	-0.02	0.15
IX	-0.15	0.07
X	-0.27	0.04

Attenuator	Factor	Delta logE	Stops
-1 EV	2.15	0.33	1.10
-2 EV	3.09	0.49	1.63
-3 EV	7.09	0.85	2.83