

# LOGARITHMIC VISUAL ACUITY CHART

WITH NOTATIONS FOR TESTING AT 4 METERS (13 FEET)

ACTUAL ACUITY									EQUIVALENT VALUES				
LETTER SIZE	$\frac{4}{\text{METER}}$	$\frac{13}{\text{FOOT}}$							DECI-MAL	$\frac{6}{\text{METER}}$	$\frac{20}{\text{FOOT}}$	Log MAR	
40M	$\frac{4}{40}$	$\frac{13}{131}$	E	3	W	E	M	0.10	$\frac{6}{60}$	$\frac{20}{200}$	1.0		
32M	$\frac{4}{32}$	$\frac{13}{104}$	3	M	E	W	3	0.12	$\frac{6}{48}$	$\frac{20}{160}$	0.9		
25M	$\frac{4}{25}$	$\frac{13}{83}$	W	E	M	3	W	0.16	$\frac{6}{38}$	$\frac{20}{125}$	0.8		
20M	$\frac{4}{20}$	$\frac{13}{66}$	—	M	W	3	M	E	—	0.20	$\frac{6}{30}$	$\frac{20}{100}$	0.7
16M	$\frac{4}{16}$	$\frac{13}{52}$	3	E	W	E	M	0.25	$\frac{6}{24}$	$\frac{20}{80}$	0.6		
12.5M	$\frac{4}{12.5}$	$\frac{13}{42}$	E	W	M	W	3	0.32	$\frac{6}{19}$	$\frac{20}{63}$	0.5		
10M	$\frac{4}{10}$	$\frac{13}{33}$	—	3	M	E	3	W	—	0.40	$\frac{6}{15}$	$\frac{20}{50}$	0.4
8M	$\frac{4}{8}$	$\frac{13}{26}$	M	E	W	M	3	0.50	$\frac{6}{12}$	$\frac{20}{40}$	0.3		
6.3M	$\frac{4}{6.3}$	$\frac{13}{21}$	W	3	M	W	E	0.63	$\frac{6}{9.5}$	$\frac{20}{32}$	0.2		
5M	$\frac{4}{5}$	$\frac{13}{16.5}$	E	M	E	3	W	0.80	$\frac{6}{7.5}$	$\frac{20}{25}$	0.1		
4M	$\frac{4}{4}$	$\frac{13}{13}$	—	M	3	W	E	M	—	1.00	$\frac{6}{6}$	$\frac{20}{20}$	0.0
3M	$\frac{4}{3}$	$\frac{13}{10.5}$	3	W	M	3	E	1.25	$\frac{6}{4.8}$	$\frac{20}{16}$	-0.1		
2.5M	$\frac{4}{2.5}$	$\frac{13}{8}$	—	E	M	W	E	3	—	1.60	$\frac{6}{3.8}$	$\frac{20}{12.5}$	-0.2
2M	$\frac{4}{2}$	$\frac{13}{6.5}$	W	3	E	M	W	2.00	$\frac{6}{3}$	$\frac{20}{10}$	-0.3		

Precision Vision®

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