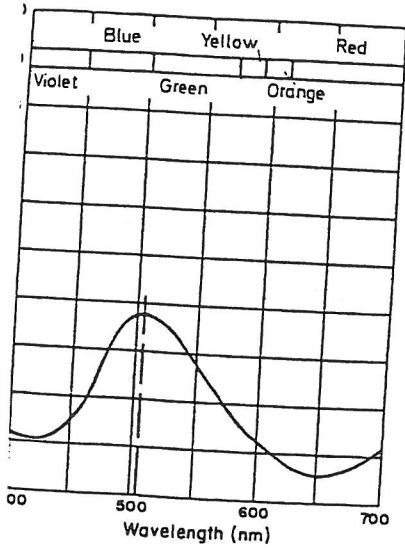
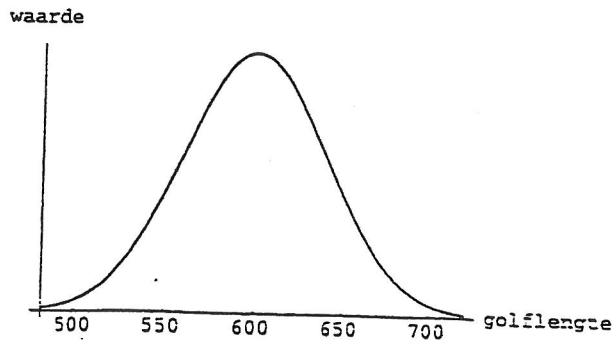


Figure 1.1 A.1

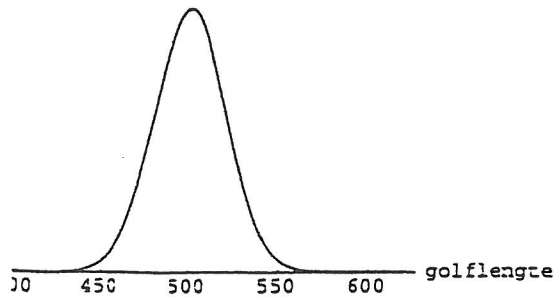
Tristimulus values per watt of indicated wavelengths, for CIE 1931 standard observer. These values for the spectrum are the CIE 1931 color-matching data.



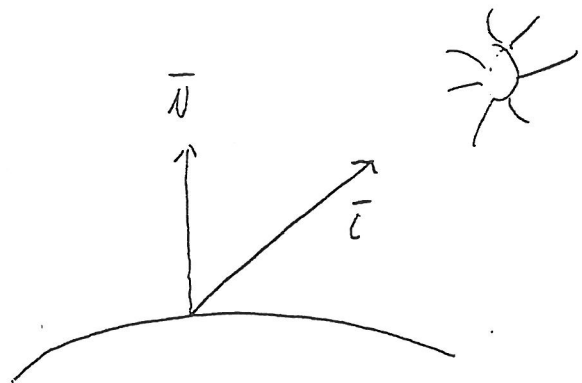
1.2



A.3



4



A.5

Table 2.1

Tristimulus values of the spectrum colors (CIE 1931 color-matching data, per watt of indicated wavelength)

Wavelength [nm]	$\bar{x}$	$\bar{y}$	$\bar{z}$
400	0.0143	0.0004	
410	0.0435	0.0012	0.0679
420	0.1344	0.0040	0.2074
430	0.2839	0.0116	0.6456
440	0.3483	0.0230	1.3856
450	0.3362	0.0380	1.7471
460	0.2908	0.0600	1.7721
470	0.1954	0.0910	1.6692
480	0.0956	0.1390	1.2876
490	0.0320	0.2080	0.8130
500	0.0049	0.3230	0.4652
510	0.0093	0.5030	0.2720
520	0.0633	0.7100	0.1582
530	0.1655	0.8620	0.0782
540	0.2904	0.9540	0.0422
550	0.4334	0.9950	0.0203
560	0.5945	0.9950	0.0087
570	0.7621	0.9520	0.0039
580	0.9163	0.8700	0.0021
590	1.0263	0.7570	0.0017
600	1.0622	0.6310	0.0011
610	1.0026	0.5030	0.0008
620	0.8544	0.3810	0.0003
630	0.6424	0.2650	0.0002
640	0.4479	0.1750	0.0000
650	0.2835	0.1070	0.0000
660	0.1649	0.0610	0.0000
670	0.0874	0.0320	0.0000
680	0.0468	0.0170	0.0000
690	0.0227	0.0082	0.0000
700	0.0114	0.0041	0.0000