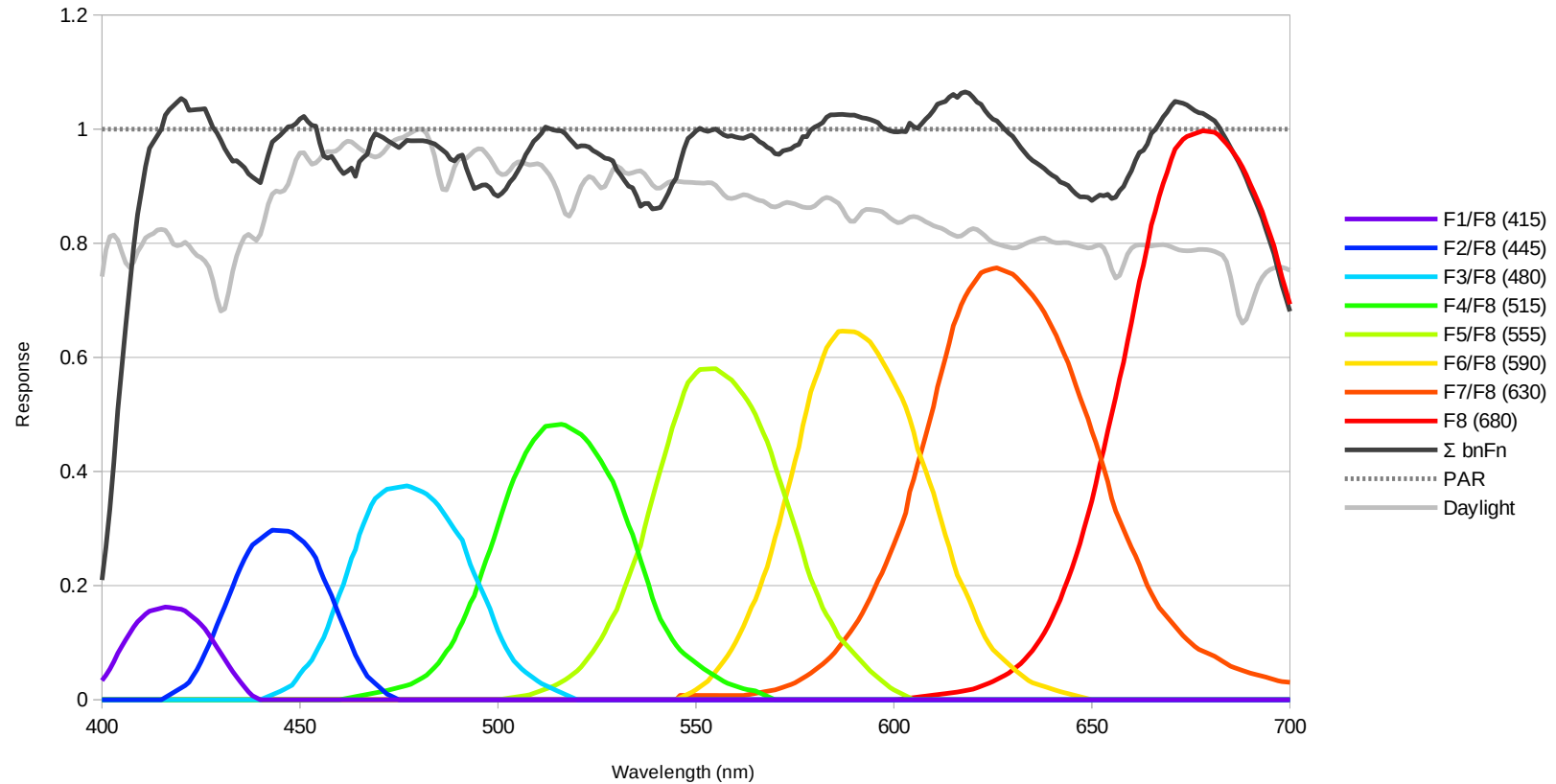


AS7341



Wavelength (nm)	b_n	Daylight ⁽¹⁾	SDEV	AVERAGE 400-700	$a_0^{(3)}$	a_1
415	6.225412	0.000000	0.1050	0.9505	0.0059	0.049516
445	3.215098	0.014727				
480	2.487901	0.367065				
515	1.906658	0.015535				
555	1.474367	0.000000				
590	1.170204	0.000000				
630	1.170686	0.000000				
680	0.930505	0.000000				

Notes:

- HopooColor OHSP-350P Color Spectrum Light Analyzer (350-800nm daylight)
- Apogee MQ-200 Quantum meter (a_0)
- AS7341 datasheet (gain = 1, atime = 100, astep = 999 ~ 280.78ms)

$$PPFD_{est} = a_0 \left(\sum_{i=1}^8 b_i F_i + a_1 \right)$$

$$a_0 = \frac{PPFD_{obs}}{\sum_{i=1}^8 b_i F_i + a_1}$$

