

TABLE 12.1 Blackbody Radiation Functions<sup>a</sup>

$\lambda T$ ( $\mu\text{m} \cdot \text{K}$ )	$F_{(0 \rightarrow \lambda)}$	$\lambda T$ ( $\mu\text{m} \cdot \text{K}$ )	$F_{(0 \rightarrow \lambda)}$
200	0.000000	11,000	0.931890
400	0.000000	11,500	0.939959
600	0.000000	12,000	0.945098
800	0.000016	13,000	0.955139
1,000	0.000321	14,000	0.962898
1,200	0.002134	15,000	0.969981
1,400	0.007790	16,000	0.973814
1,600	0.019718	18,000	0.980860
1,800	0.039341	20,000	0.985602
2,000	0.066728	25,000	0.992215
2,200	0.100888	30,000	0.995340
2,400	0.140256	40,000	0.997967
2,600	0.183120	50,000	0.998953
2,800	0.227897	75,000	0.999713
2,898	0.250108	100,000	0.999905
3,000	0.273232		
3,200	0.318102		
3,400	0.361735		
3,600	0.403607		
3,800	0.443382		
4,000	0.480877		
4,200	0.516014		
4,400	0.548796		
4,600	0.579280		
4,800	0.607559		
5,000	0.633747		
5,200	0.658970		
5,400	0.680360		
5,600	0.701046		
5,800	0.720158		
6,000	0.737818		
6,200	0.754140		
6,400	0.769234		
6,600	0.783199		
6,800	0.796129		
7,000	0.808109		
7,200	0.819217		
7,400	0.829527		
7,600	0.839102		
7,800	0.848005		
8,000	0.856288		
8,500	0.874608		
9,000	0.890029		
9,500	0.903085		
10,000	0.914199		
10,500	0.923710		