

Chromaticity Calculations (Source)

Data File Name : C:\Program Files\OL750 Applications\Data\TL092404 4700K.dat
Data File Designation :
MR16 AT 4700K AT 12V 4.23 AMPS 9-24-04

Data File Units :
Irradiance [W/(cm² nm)]

Data File Date : 040924

Lower wavelength : 380.00 nm
Upper wavelength : 780.00 nm # of data points : 81
Increment : 5.00 nm

Tristimulus Values : X = 2.5217E-004
Y = 2.6273E-004
Z = 1.9962E-004

Photometric Output : 1.794E-001 lm/cm²

CIE 1931 Chromaticity Coords : x = 0.3529
y = 0.3677
z = 0.2794

UCS 1960 Coordinates : u = 0.2105
v = 0.3290

UCS 1976 Coordinates : u' = 0.2105
v' = 0.4934

Correlated Color Temperature : 4781.6 K