

# White Balance Functions

Image ..... masterLight\_BIN\_1\_6252x4176\_EXPOSURE\_300\_00s\_FILTER\_NoFilter\_RGB\_drizzle\_1x\_autocrop\_solved  
Catalog ..... Gaia DR3/SP  
Red filter ..... Sony Color Sensor R-UVIRcut  
Green filter ..... Sony Color Sensor G-UVIRcut  
Blue filter ..... Sony Color Sensor B-UVIRcut  
QE curve ..... Sony IMX411/455/461/533/571  
White reference ..... Average Spiral Galaxy  
Total sources ..... 2396  
R/G linear fit .....  $y = +1.278601 \cdot x - 0.066649$ ,  $\sigma = 0.053269$   
R/G white point .....  $x = 0.674574$ ,  $y = 0.795862$   
B/G linear fit .....  $y = +0.971944 \cdot x + 0.021970$ ,  $\sigma = 0.034185$   
B/G white point .....  $x = 0.557914$ ,  $y = 0.564231$   
White balance factors ... 0.7090 0.5642 1.0000  
Date processed ..... 2025-03-10 18:37:13 UTC

