

# Spectrum Report

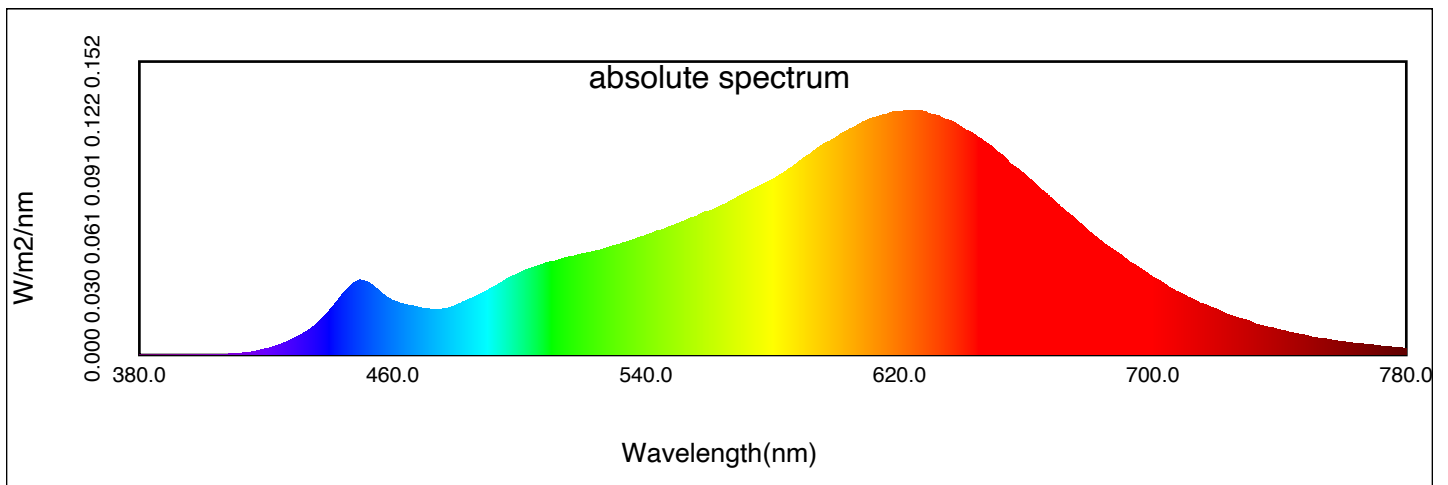
## Sample Info:

Manufacturer: TURAY AYDINLATMA

Sample Name: MOON-459

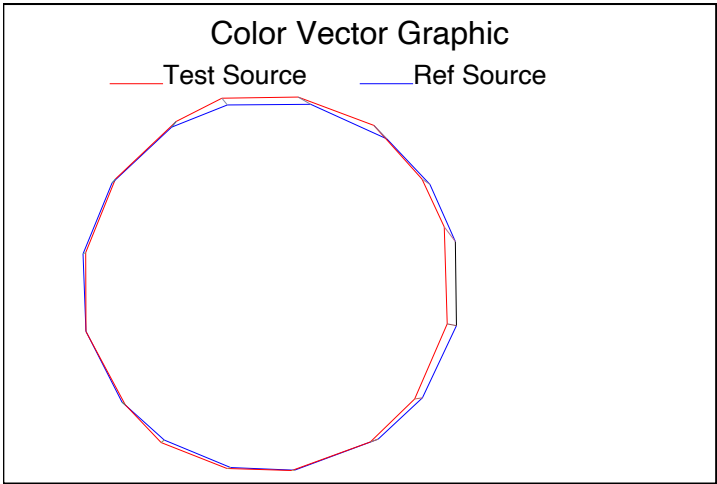
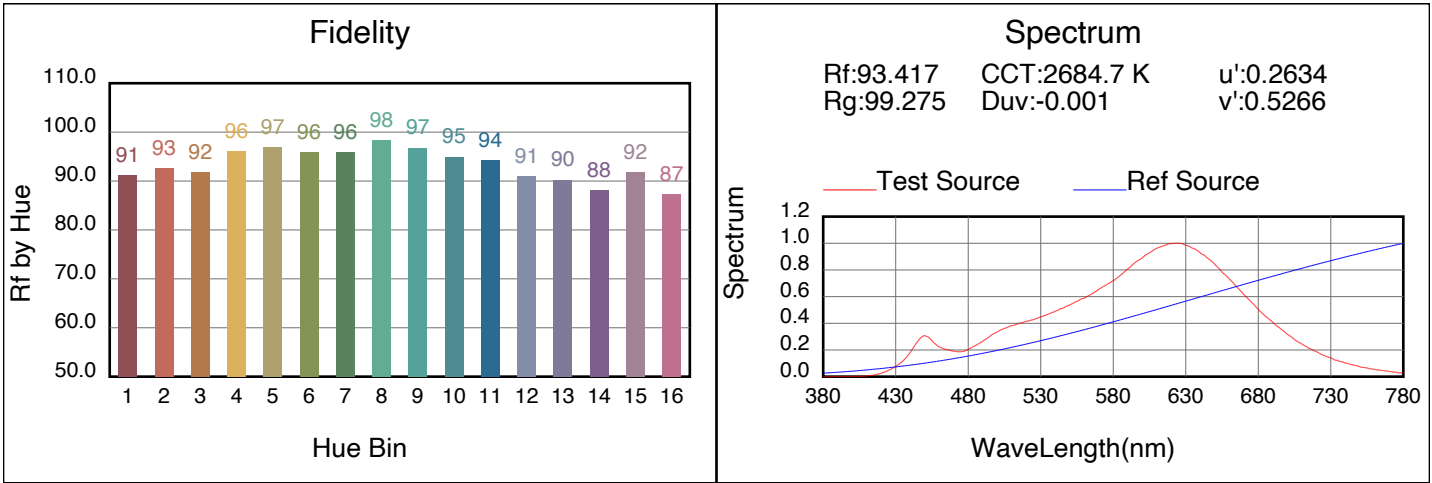
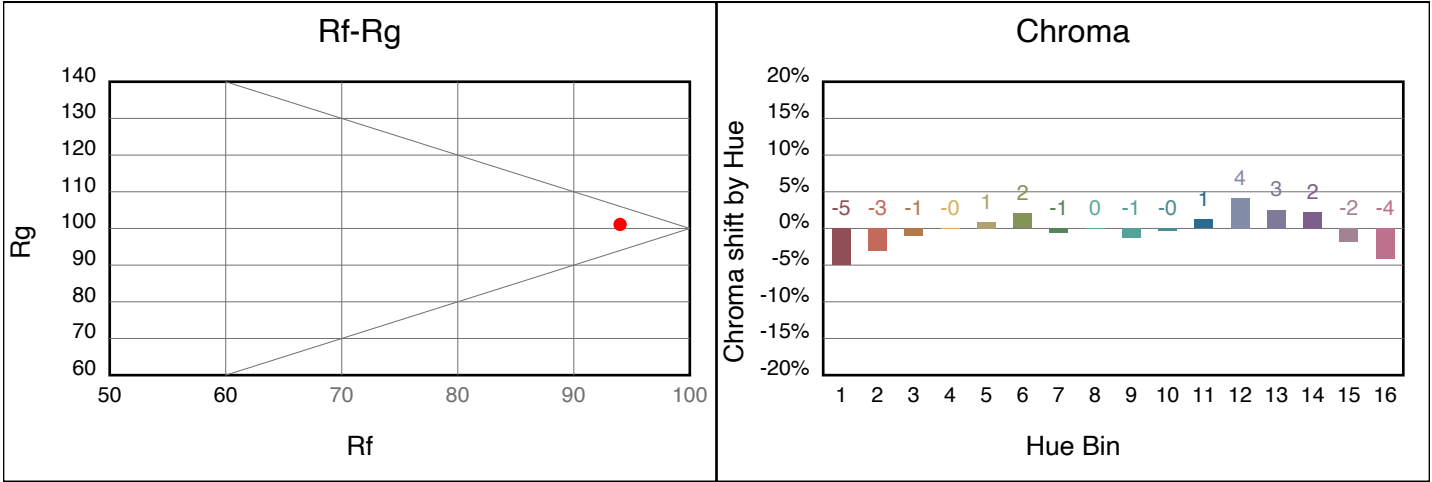
Integral time: 1.6ms

## Para.



| Items                | value     | Items            | value     | Items               | value     |
|----------------------|-----------|------------------|-----------|---------------------|-----------|
| Illuminance E(lx)    | 5694.73   | E(fc)            | 529.25    | Irradiance Ee(W/m²) | 2.0154E1  |
| Ee(W/m²)(380~760nm)  | 2.005E1   | S/P              | 1.301     | x                   | 0.4599    |
| y                    | 0.4087    | u'               | 0.2634    | v'                  | 0.5266    |
| CCT(K)               | 2685      | Duv              | -0.00072  | Lp(nm)              | 624.0     |
| Ld(nm)               | 584.5     | HW(nm)           | 138.4     | Purity(%)           | 60.7      |
| R ratio(%)           | 26.8      | G ratio(%)       | 70.6      | B ratio(%)          | 2.7       |
| SDCM                 | 1.8       | Ra               | 93.4      | R1                  | 94.0      |
| R2                   | 98.1      | R3               | 98.0      | R4                  | 94.3      |
| R5                   | 94.8      | R6               | 97.5      | R7                  | 90.5      |
| R8                   | 80.3      | R9               | 58.7      | R10                 | 95.6      |
| R11                  | 96.5      | R12              | 92.9      | R13                 | 95.2      |
| R14                  | 99.6      | R15              | 89.0      | IP                  | 39559.6   |
| Integrating time(ms) | 1.6       | CQS              | 93.60     | GAI_EES             | 48.47     |
| GAI_BB_8             | 100.8     | GAI_BB_15        | 103.7     | Rf                  | 93        |
| Rg                   | 99        | X(CIE1931)       | 6563.2051 | Y(CIE1931)          | 5832.2642 |
| Z(CIE1931)           | 1876.1077 | Central wave(nm) | 611.2     | Centroid wave(nm)   | 607.1     |

Observer perspective:10°



## Data

|         |                 |    | Graphic shift(%) |     |
|---------|-----------------|----|------------------|-----|
| Hue Bin | Hue Angle       | Rf | Chroma           | Hue |
| 1       | 0.0° - 22.5°    | 91 | -5               | -0  |
| 2       | 22.5° - 45.0°   | 93 | -3               | 3   |
| 3       | 45.0° - 67.5°   | 92 | -1               | 4   |
| 4       | 67.5° - 90.0°   | 96 | -0               | 1   |
| 5       | 90.0° - 112.5°  | 97 | 1                | 2   |
| 6       | 112.5° - 135.0° | 96 | 2                | 1   |
| 7       | 135.0° - 157.5° | 96 | -1               | -2  |
| 8       | 157.5° - 180.0° | 98 | 0                | -0  |
| 9       | 180.0° - 202.5° | 97 | -1               | 1   |
| 10      | 202.5° - 225.0° | 95 | -0               | 3   |
| 11      | 225.0° - 247.5° | 94 | 1                | 4   |
| 12      | 247.5° - 270.0° | 91 | 4                | -2  |
| 13      | 270.0° - 292.5° | 90 | 3                | -7  |
| 14      | 292.5° - 315.0° | 88 | 2                | -10 |
| 15      | 315.0° - 337.5° | 92 | -2               | -5  |
| 16      | 337.5° - 360.0° | 87 | -4               | -9  |

## Suggest table

| Sector | Lightness | Chroma | Hue |
|--------|-----------|--------|-----|
| R      | 2         | 1      | 0   |
| R/Y    | 1         | 1      | -1  |
| Y      | 0         | -0     | -0  |
| Y/G    | 0         | -0     | -0  |
| G      | -0        | 0      | 1   |
| G/C    | -0        | 0      | 1   |
| C      | 0         | 0      | 1   |
| C/B    | -0        | -0     | -1  |
| B      | -0        | -1     | -0  |
| B/M    | 1         | -0     | 3   |
| M      | 1         | 1      | 3   |
| M/R    | 2         | 1      | 2   |

Color

