

Photometry and Chromaticity Report

(random sample tested with Asensetek Lighting Passport)

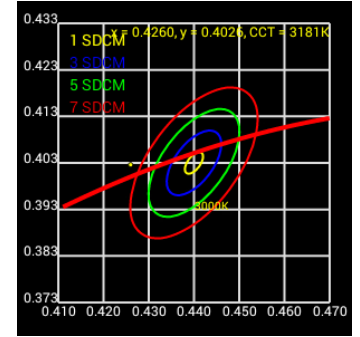
Description:

| | |
|---------------|------------------------------|
| Product Name: | Apturi Par20 3000K 95 CRI |
| Manufacturer: | Lumicrest Lighting Solutions |
| Test Date: | July 22, 2016 |

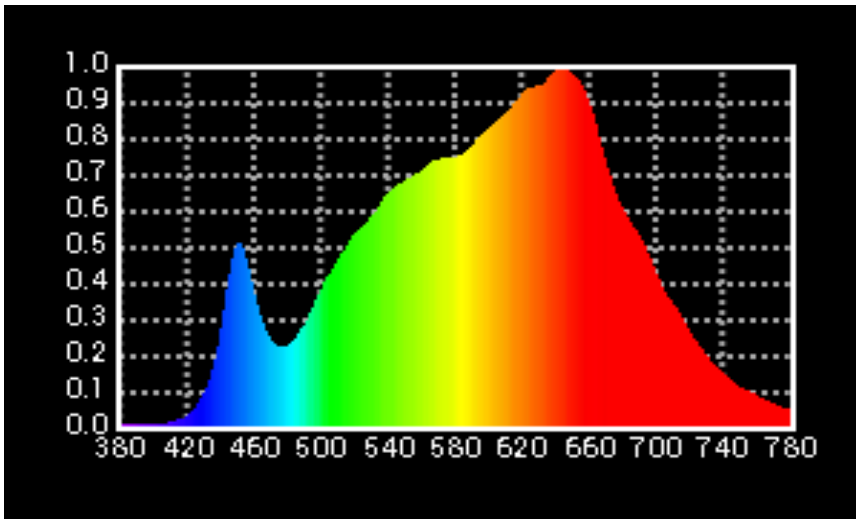


Photometry & Chromaticity:

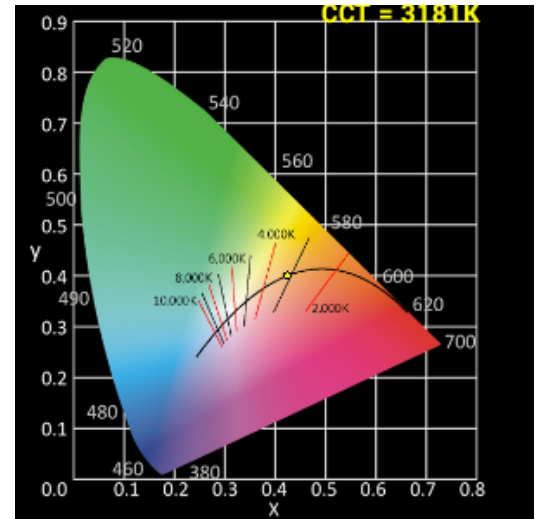
| | |
|---------------|-------|
| CCT (Kelvin): | 3181K |
| CRI (Ra): | 95 |
| Re (R1-R15) | 93 |
| CQS: | 94 |
| Duv: | .0011 |
| TM-30-15 Rf: | 93 |
| TM-30-15 Rg: | 101 |
| TLCI (Qa): | 97.1 |



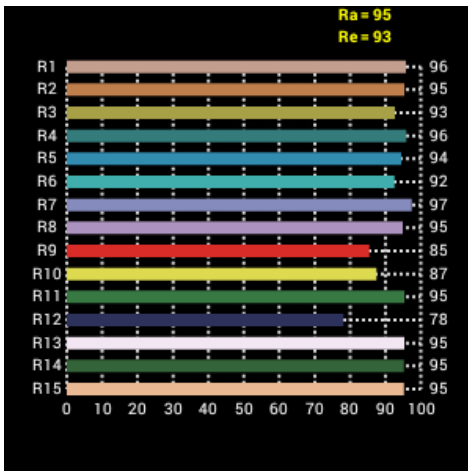
IEC SDCM Diagram



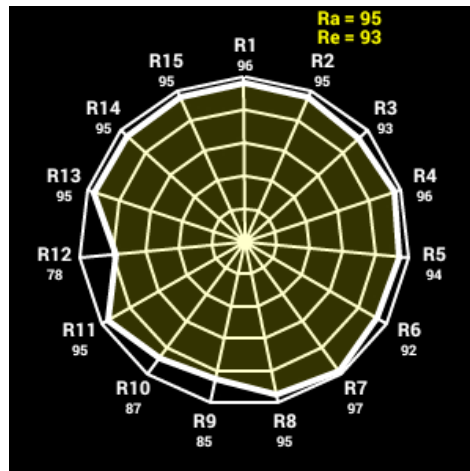
Spectral Distribution



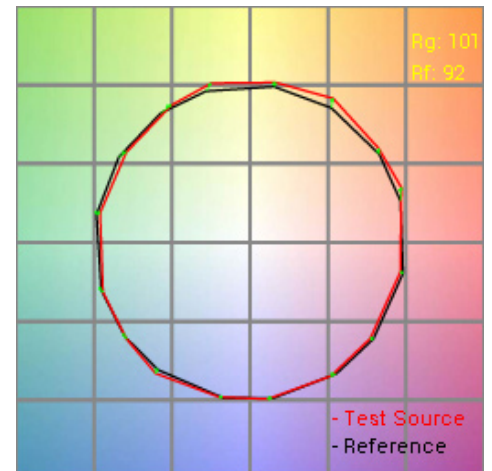
CIE1931 Chromaticity Diagram



Extended CRI (R1-R15) Histogram



Extended CRI (R1-R15) Radial Diagram



TM-30-15 Diagram