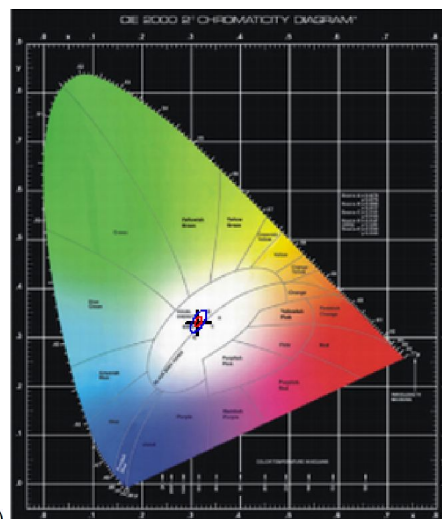
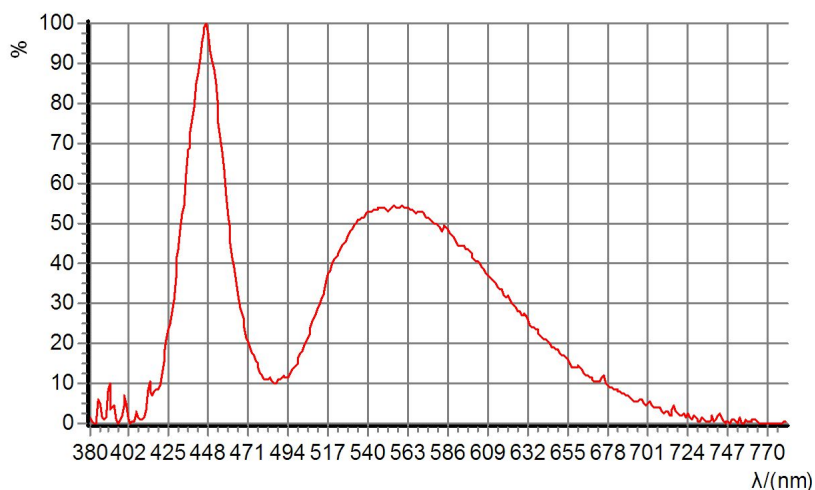


# LED Integrated Testing System test report

|                 |                                                        |                  |
|-----------------|--------------------------------------------------------|------------------|
| test item:      | LED spectrum analyse                                   |                  |
| equipment:      | ZWL-600 Light Color Power Comprehensive Testing System |                  |
| Test Identifier | Product                                                | TR2 积分球          |
|                 | Temperature                                            | °C               |
|                 | Conner :                                               | Manufacturer :   |
|                 | Organ :                                                | Humidity : %     |
|                 |                                                        | Date : 2022/5/10 |

curve of spectrum power distributing



| Spectrum           |                | Electrical     |             |          |
|--------------------|----------------|----------------|-------------|----------|
| $\lambda p$ :      | 447.0 nm       | I (warm-up) :  | 5.0 mA      |          |
| $\lambda d$ :      | 484.0 nm       | warm-up Time : | 500 ms      |          |
| $\lambda m$ :      | 436.0 nm       | I (test) :     | 10.000 mA   |          |
| $\lambda c$ :      | 435.0 nm       | V (Forward) :  | 0.00 V      |          |
| $\Delta \lambda$ : | 28.0 nm        | $\phi v$ :     | 1509.537 lm |          |
| $T_c$ :            | 6311 K         | Light Effi :   | 0.000 lm/w  |          |
| CIE(x,y) :         | 0.3169, 0.3240 | P:             | 0.000 W     |          |
| CIE(u,v) :         | 0.2027, 0.3108 | PF:            |             |          |
| Ra :               | 71.5           | R1:72.5        | R2:74.9     | R3:73.5  |
| Purity :           | 0.063          | R4:72.6        | R5:71.1     | R6:63.9  |
| Light Power :      | 7480.5060 mw   | R7:78.8        | R8:64.4     | R9:-18.3 |
| SDCM:              | 11.37          | R10:35.9       | R11:78.2    | R12:42.2 |
| DUV:               | -0.0015        | R13:71.0       | R14:84.4    | R15:69.3 |

Remark :

13.5V/2.07A