**GEDRE - Inteligência em iluminação**
www.ufsm.br/gedre
Tel:
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# Light Source Test Report

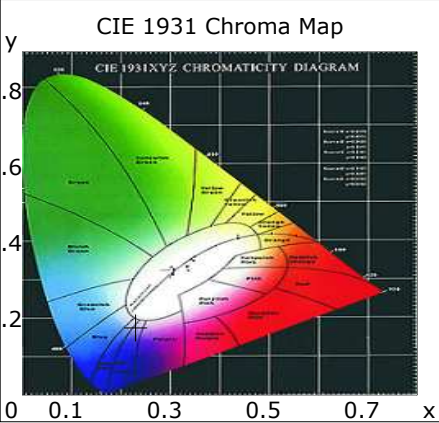
## Production Info

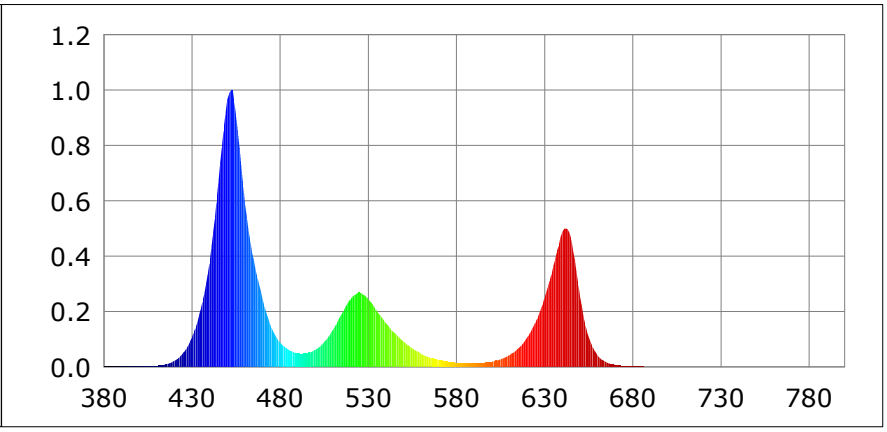
Product Category: RGB_100_difo3

## CIE Colorimetric Parameters

Chromaticity coordinates: x=0.2294 y=0.1763 u(u')=0.1971 v=0.2271 v'=0.3407
CCT: Tc=100000K (duv=-0.04217) Color Ratio: R=0.210 G=0.677 B=0.113
Peak Wavelength: 452nm Half Bandwidth: 19.6nm
Dominant Wavelength: 464.9nm Color Purity: 0.530
Rendering Index: Ra= 43.6

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =22 | R2 =61 | R3 =67 | R4 =39 | R5 =47 | R6 =70 | R7 =66 | R8 =-22 |
| R9 =-317 | R10=23 | R11=23 | R12=67 | R13=27 | R14=76 | R15=-16 | |




## Photometric Parameters

Luminous Flux: 5192.0 lm Efficiency: 0.00 lm/W
Radiant Power: 30.083 W

## Electric Parameters

Voltage: U= 1.90V Current: I=0.000mA Power: P= 0.00mW Power Factor: PF=0.0000

Test Info

| | | |
|---|---|---|
| Scan Range: 380nm~800nm | Scan Interval: 1nm | PMT HV: -550V |
| Max of Main: 950640 (0x03,5) | Reference : 1224896 (0x02) | Max of waviness: -0.222% |

Temperature: Tx:22.9iãC, Ti:24.1iãC Humidity: %
Test Device: Inventfine CMS-5000 Test Time: 2023-11-24 13:02
Operator: Guilherme S Inspector: