

Spectrum Test Report



Product : EDC-purifay.40w
Sample No. : 1
Manufacturer : sepehr monavar-Lab

Date : 2025-08-11
Instrument : HAAS-2000(EVERFINE)
Operator : sepehr monavar

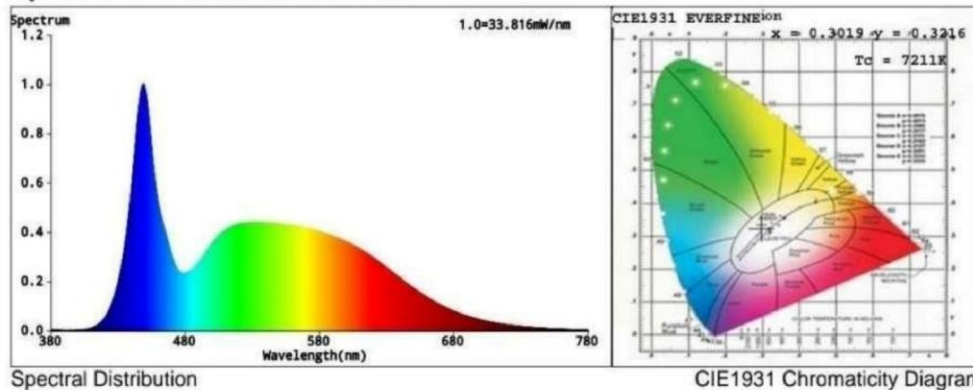
Test Condition

Temperature : 25.0Deg
Scan Range : 380nm-780nm

RH : 26%
IP : 51132 (78%)
T : 696 ms
Delicacy : Low

Test Type : Accuracy Test

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3019$ $y=0.3216$ $u'=0.1931$ $v'=0.4627$ ($duv=5.00e-03$)
CCT: $T_c=6253K$ Prcp WaveL: $\lambda_p=486.8nm$ Purity=11.5%
Peak WaveL: $\lambda_p=449nm$ Half Width: $\Delta\lambda_p=22.3nm$ Ratio: R=14.0% G=80.5% B=5.4%

Render Index: $R_a=81$

R1 =83 R2 =87 R3 =90 R4 =86 R5 =84 R6 =83 R7 =90
R8 =75 R9 =18 R10=69 R11=85 R12=62 R13=84 R14=95 R15=79
LEVEL:OUT WHITE:ANSI_6500K

Photo Parameters:

Flux = 4026 lm Eff. :96.57 lm/W $F_e = 2.381 W$

Electrical parameters:

V = 220.0 V I = 0.27609 A P =41.700 W PF = 0.6849

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