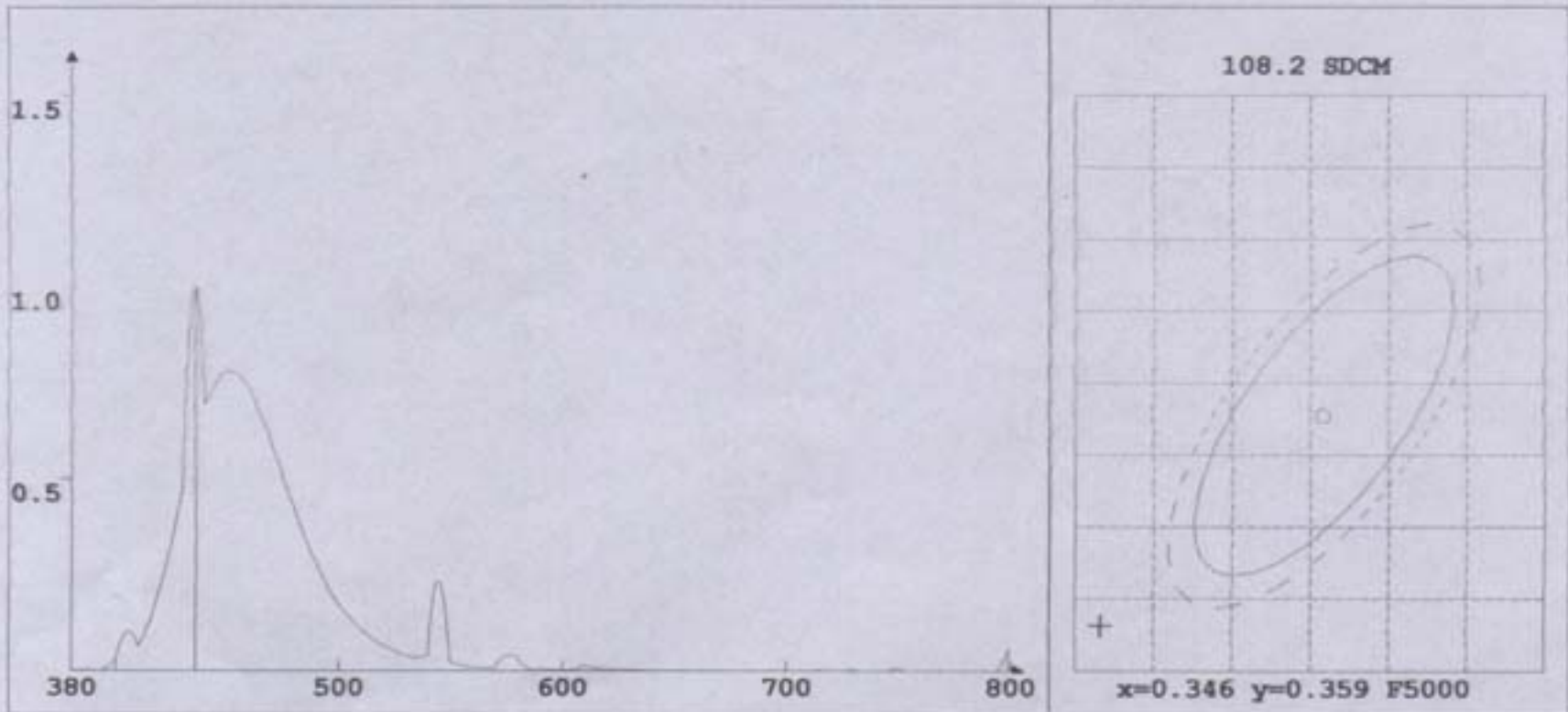


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.1531$ $y=0.0837$ $u=0.1657$ $v=0.1358$ Correlated Color Temperature: $T_c \geq 25000K$ Red Ratio: $R=2.826\%$ Peak Wave: $\lambda_p=436nm$ Half Width: $\Delta\lambda_p=45.1nm$ Rendering Index: $R_a=-35.2$

R1 =6	R2 =-65	R3 =-75	R4 =-28	R5 =-74	R6 =-48	R7 =-7
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R8 =-27	R9 =-164	R10=-425	R11=-94	R12=-79	R13=-238	R14=-152
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Photo Parameters:

Luminous Flux: $\Phi =173(lm)$ Efficiency: $\eta=12.58(lm/W)$

Electrical Parameters:

Voltage: $U=100.9V$ Current: $I=0.212A$ Power: $P=13.74W$ Power Factor: $PF=0.564$

Instrument Status:

Scan Range: 380nm-800nm Interval: 5nm

PMT HV: -692V

Main: RM=1

Id=14

Ip=3155

Reference: RF=4

REF=3337

 $\%=-0.240\%$

紫外光源测试报告

产品特征

产品标识:T5 14W BLB

环境温度:24.3℃

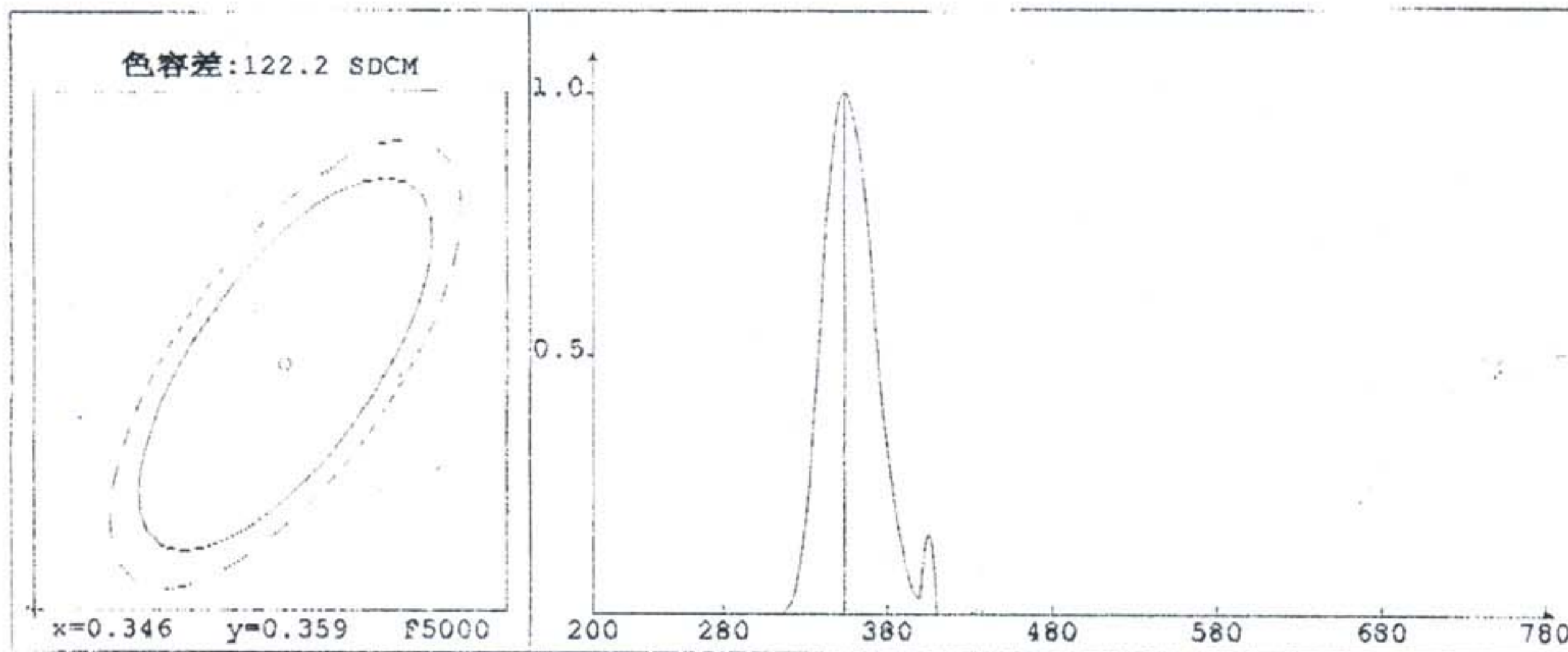
测试员:LIU XU

制造厂商:GUAN SHENG

环境湿度:65%

测试日期:2009-02-19

色度参数

色品坐标: $x=0.1711$ $y=0.0058$ $u=0.2508$ $v=0.0128$ 相关色温: $T_c=25000K$ 红色比: $R=0.000$ 峰值波长: 354nm 半宽度: 36.3nm显色指数: $R_a=-59.2$ $R_1=-25$ $R_2=-114$ $R_3=-57$ $R_4=-25$ $R_5=-101$ $R_6=-82$ $R_7=-42$ $R_8=-21$ $R_9=-195$ $R_{10}=-510$ $R_{11}=-138$ $R_{12}=-133$ $R_{13}=-155$ $R_{14}=-215$ 

紫外辐照度

测试距离:1.00m A波段:0.0uW/cm² B波段:80.0uW/cm² C波段:0.0uW/cm²

电量参数

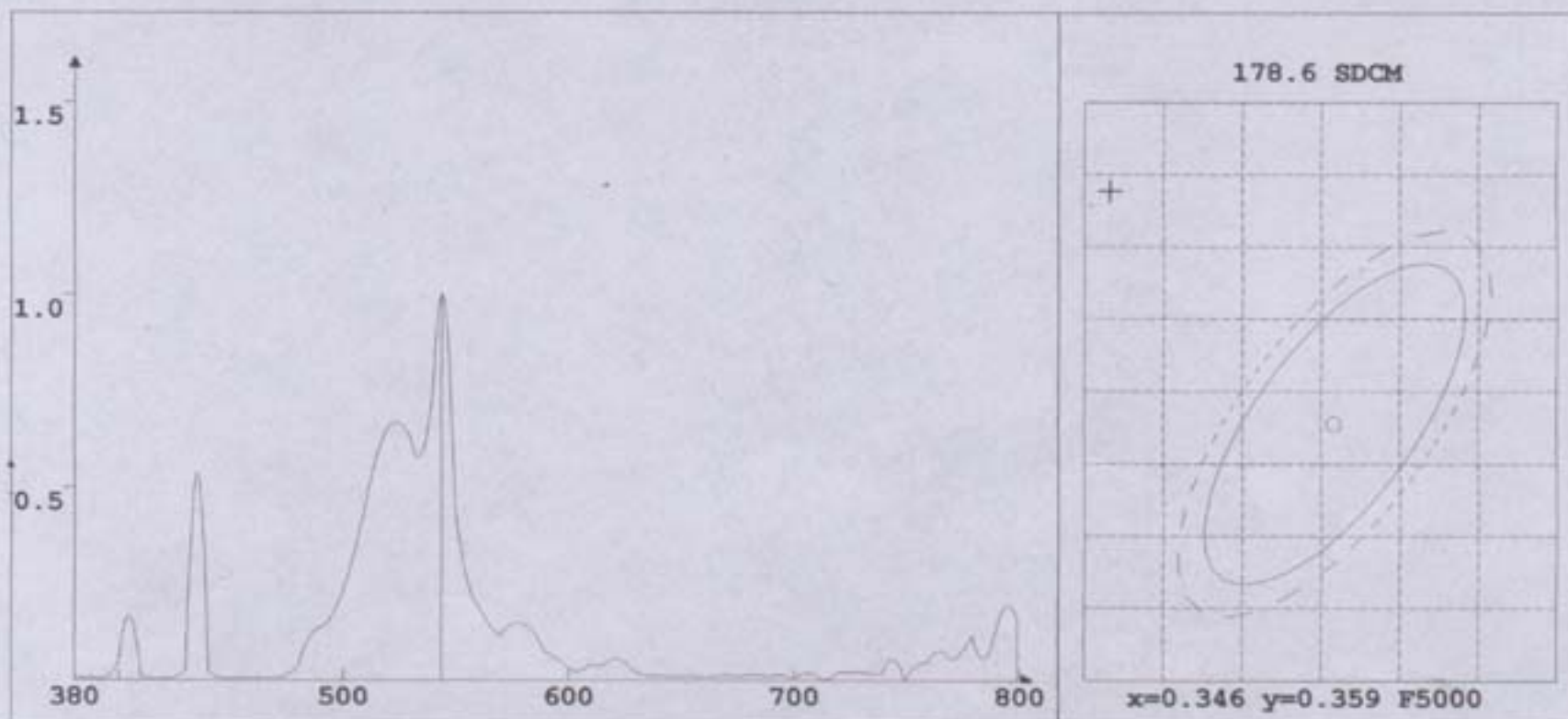
电压:123.0V

电流:0.120A

功率:14.3W

功率因数:0.000

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.2412$ $y=0.5987/u=0.0995$ $v=0.3702$ Correlated Color Temperature: $T_c=6403K$ Red Ratio: $R=3.934\%$ Peak Wave: $\lambda_p=544nm$ Half Width: $\Delta\lambda_p=38.0nm$ Rendering Index: $R_a=30.6$

$R_1 = -21$	$R_2 = 29$	$R_3 = 74$	$R_4 = 6$	$R_5 = 8$	$R_6 = 20$	$R_7 = 84$
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$R_8 = 9$	$R_9 = -287$	$R_{10} = -34$	$R_{11} = -20$	$R_{12} = -9$	$R_{13} = -10$	$R_{14} = 85$
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Photo Parameters:

Luminous Flux: $\Phi = 779(lm)$ Efficiency: $\eta = 56.77(lm/W)$

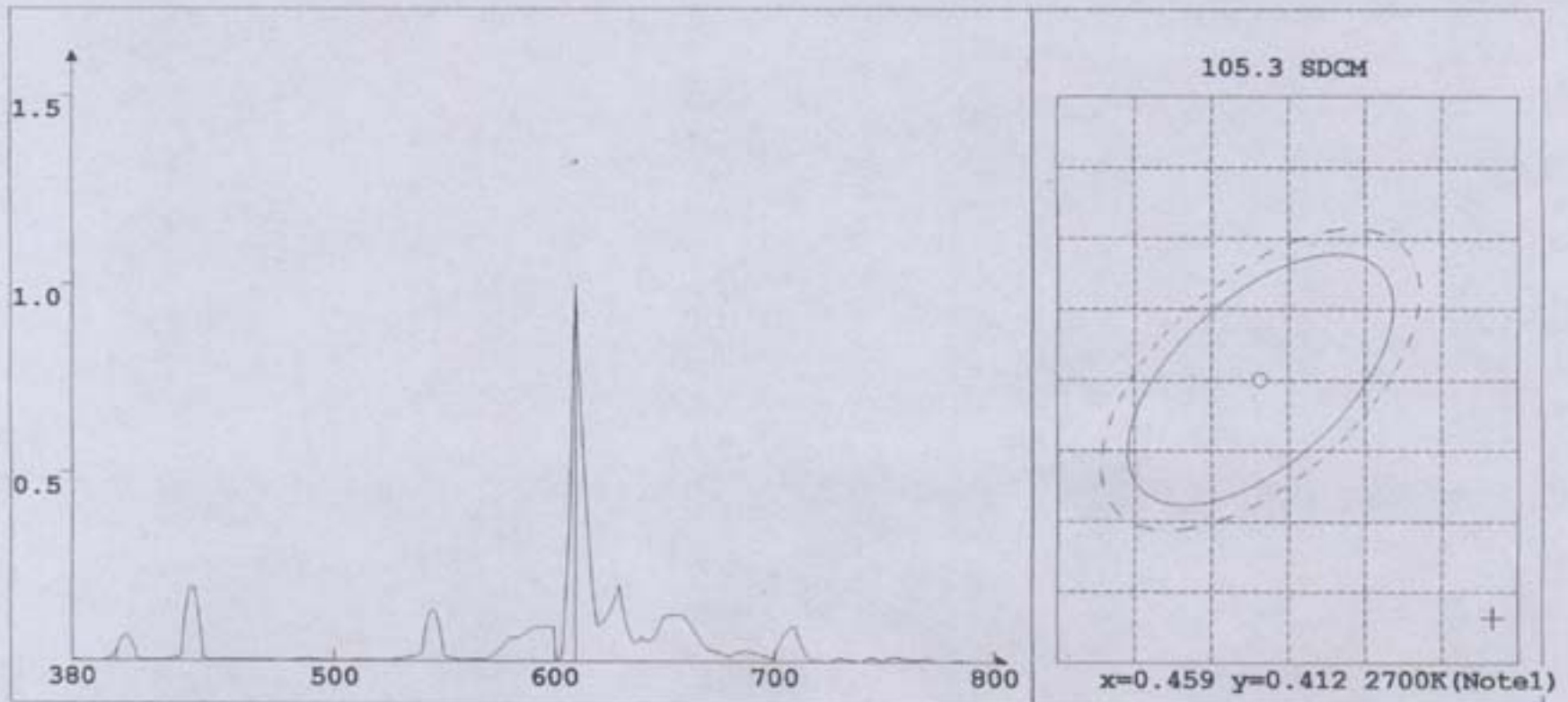
Electrical Parameters:

Voltage: $U=100.9V$ Current: $I=0.217A$ Power: $P=13.72W$ Power Factor: $PF=0.563$

Instrument Status:

Scan Range: $380nm-800nm$ Interval: $5nm$ PMT HV: $-739V$ Main: $RM=1$ Id: 17 $I_p=3181$ Reference: $RF=3$ REF: 980 $\% = 0.408\%$

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.5767$ $y=0.3310$ $u=0.3964$ $v=0.3413$ Correlated Color Temperature: $T_c \leq 1500K$ Red Ratio: $R=67.936\%$ Peak Wave: $\lambda_p=610nm$ Half Width: $\Delta\lambda_p=6.3nm$ Rendering Index: $R_a=52.4$

R1 =60

R2 =94

R3 =86

R4 =58

R5 =67

R6 =91

R7 =46

R8 =-2

R9 =-116

R10=81

R11=59

R12=79

R13=75

R14=93

Photo Parameters:

Luminous Flux: $\Phi =554(lm)$ Efficiency: $\eta=42.79(lm/W)$

Electrical Parameters:

Voltage: $U=100.9V$ Current: $I=0.218A$ Power: $P=13.57W$ Power Factor: $PF=0.563$

Instrument Status:

Scan Range: 380nm-800nm Interval: 5nm

PMT HV: -756V

Main: RM=1

Id=20

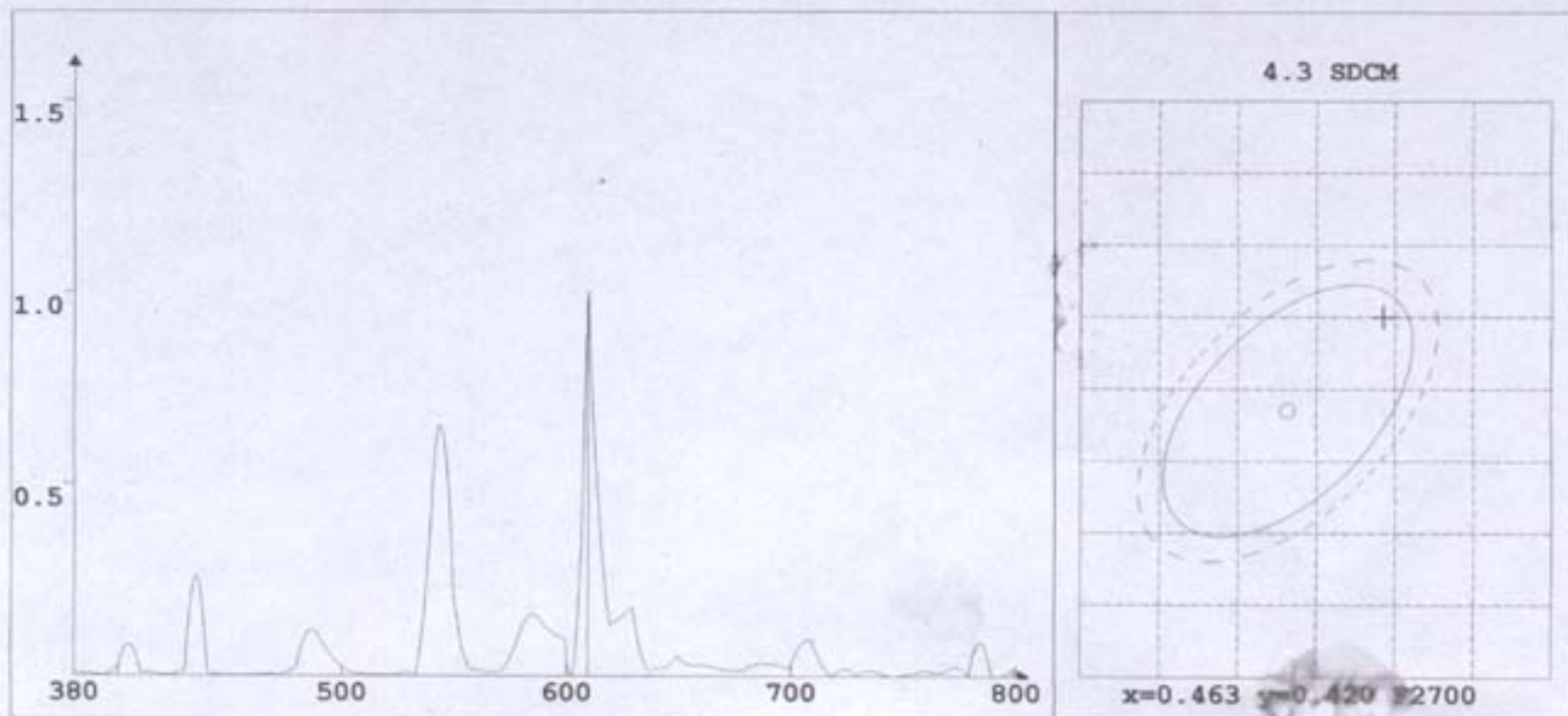
Ip=3190

Reference: RF=3

REF=625

 $\% =0.640\%$

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4698$ $y=0.4285$ $u=0.2609$ $v=0.3570$ Correlated Color Temperature: $T_c=2700K$ Red Ratio: $R=33.574\%$ Peak Wave; $\lambda_p=610nm$ Half Width: $\Delta\lambda_p=6.3nm$ Rendering Index: $R_a=83.2$

R1 =97

R2 =97

R3 =52

R4 =91

R5 =90

R6 =86

R7 =90

R8 =63

R9 =-12

R10=54

R11=85

R12=48

R13=92

R14=66

Photo Parameters:

Luminous Flux: $\Phi=845(lm)$ Efficiency: $\eta=61.88(lm/W)$

Electrical Parameters:

Voltage: $U=100.9V$ Current: $I=0.216A$ Power: $P=13.67W$ Power Factor: $PF=0.563$

Instrument Status:

Scan Range: 380nm-800nm

Interval: 5nm

PMT HV: -705V

Main: RM=1

Id=15

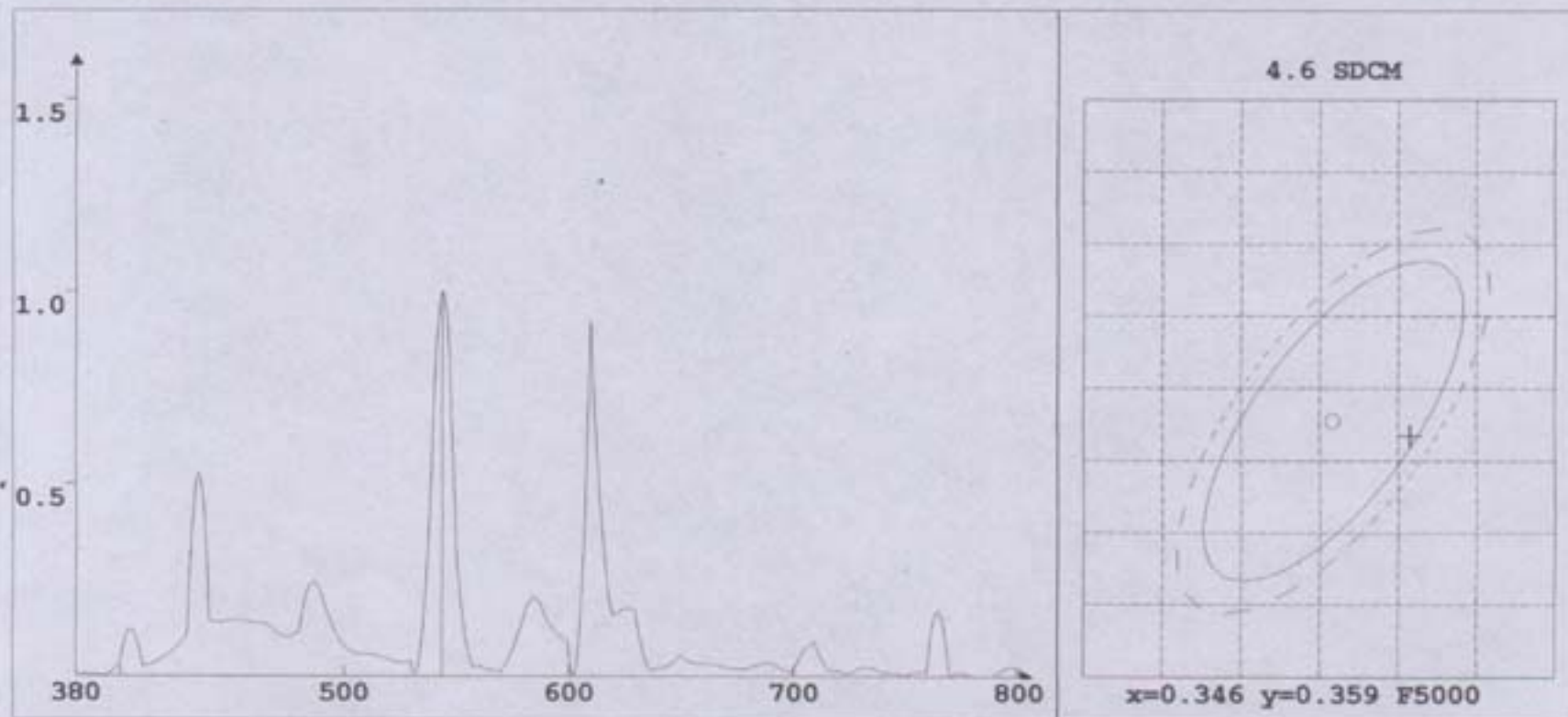
Ip=3172

Reference: RF=3

REF=1073

 $\xi=0.466\%$

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3515$ $y=0.3577$ $u=0.2134$ $v=0.3257$ Correlated Color Temperature: $T_c=4973K$ Red Ratio: $R=23.234\%$ Peak Wave: $\lambda_p=544nm$ Half Width: $\Delta\lambda_p=10.3nm$ Rendering Index: $R_a=85.5$

R1 =95

R2 =96

R3 =53

R4 =90

R5 =92

R6 =83

R7 =90

R8 =86

R9 =40

R10=55

R11=81

R12=63

R13=94

R14=69

Photo Parameters:

Luminous Flux: $\Phi=797(lm)$ Efficiency: $\eta=58.50(lm/W)$

Electrical Parameters:

Voltage: $U=100.9V$ Current: $I=0.215A$ Power: $P=13.64W$ Power Factor: $PF=0.563$

Instrument Status:

Scan Range: 380nm-800nm

Interval: 5nm

PMT HV: -698V

Main: RM=1

Id=14

Ip=3184

Reference: RF=3

REF=1040

 $\eta=0.480\%$