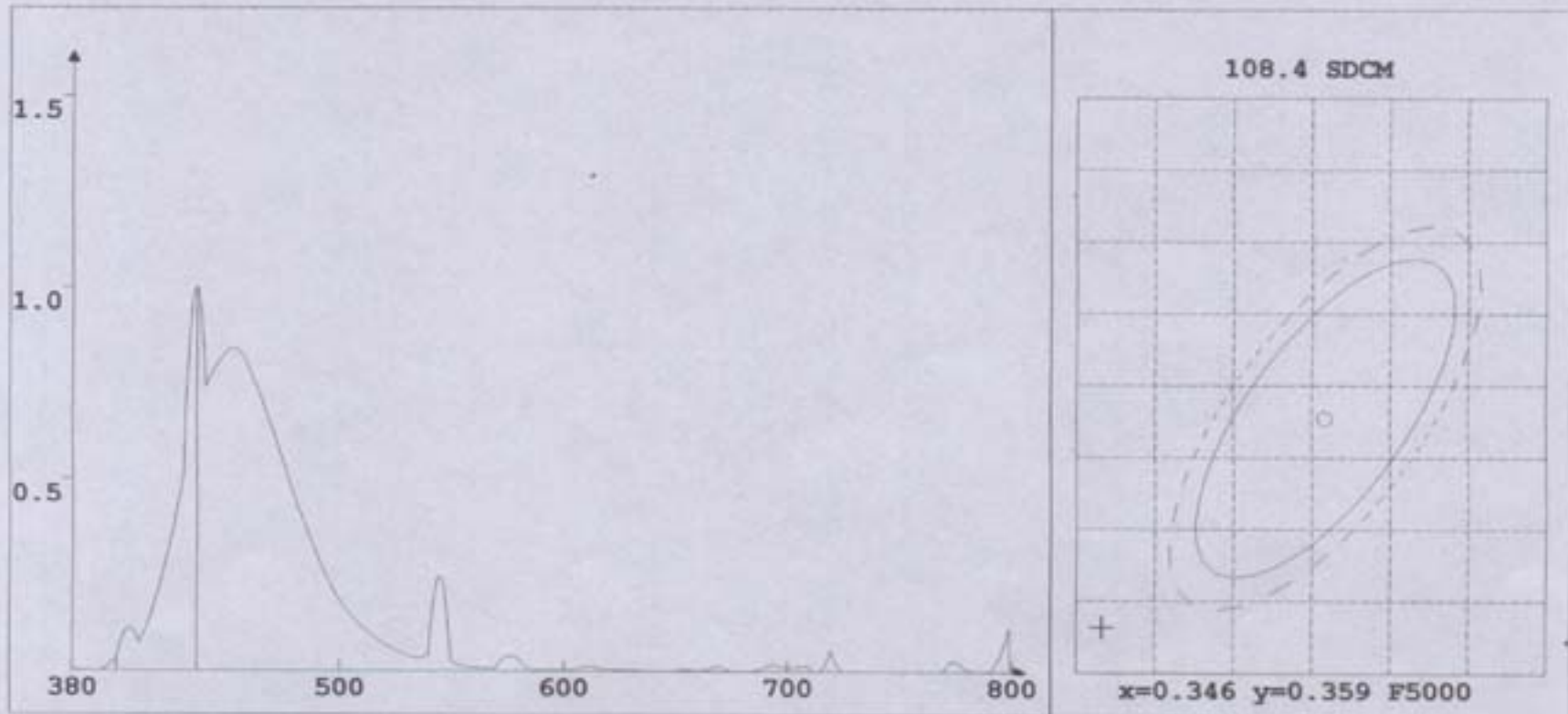


## Light Source Test Report



## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.1528$   $y=0.0833$   $u=0.1654$   $v=0.1353$ Correlated Color Temperature:  $T_c \geq 25000K$  Red Ratio:  $R=1.595\%$ Peak Wave:  $\lambda_p=436nm$ Half Width:  $\Delta\lambda_p=47.7nm$ Rendering Index:  $R_a=-40.2$ 

$R_1 = 6$	$R_2 = -65$	$R_3 = -74$	$R_4 = -28$	$R_5 = -74$	$R_6 = -48$	$R_7 = -7$
-----------	-------------	-------------	-------------	-------------	-------------	------------

$R_8 = -24$	$R_9 = -155$	$R_{10} = -423$	$R_{11} = -94$	$R_{12} = -79$	$R_{13} = -237$	$R_{14} = -152$
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## Photo Parameters:

Luminous Flux:  $\Phi = 75(lm)$ Efficiency:  $\eta = 10.46(lm/W)$ 

## Electrical Parameters:

Voltage:  $U=101.0V$ Current:  $I=0.125A$ Power:  $P= 7.21W$ Power Factor:  $PF=0.570$ 

## Instrument Status:

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

PMT HV: -766V

Main: RM=1

Id=24

Ip=3142

Reference: RF=4

REF=1674

 $\% = -0.299\%$

## 紫外光源测试报告

## 产品特征

产品标识: T5 8W BLB

环境温度: 24.3℃

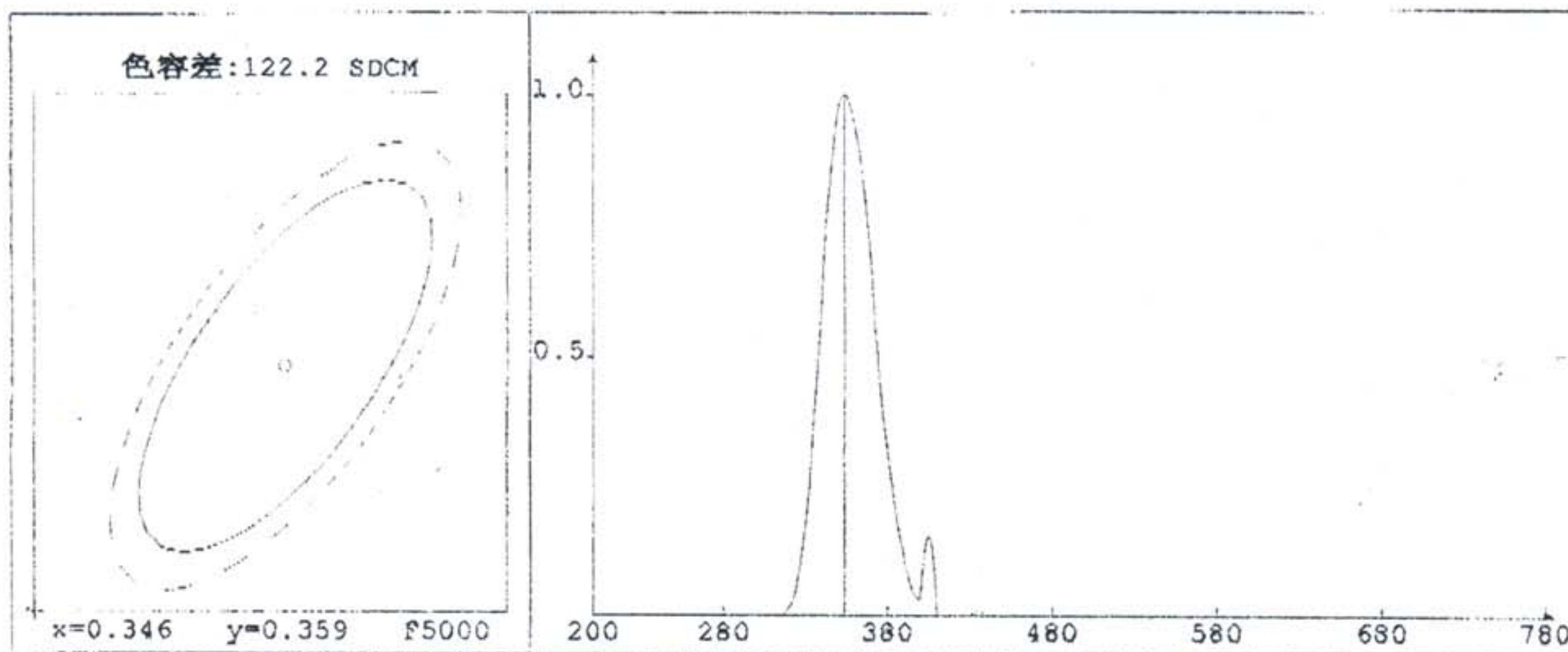
测试员: LIU XU

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:  $R_a=-59.5$  $R_1=-26$   $R_2=-115$   $R_3=-57$   $R_4=-25$   $R_5=-101$   $R_6=-82$   $R_7=-42$  $R_8=-21$   $R_9=-196$   $R_{10}=-511$   $R_{11}=-138$   $R_{12}=-134$   $R_{13}=-155$   $R_{14}=-216$ 

## 紫外辐照度

测试距离: 1.00m A波段: 0.0uW/cm<sup>2</sup> B波段: 45.0uW/cm<sup>2</sup> C波段: 0.0uW/cm<sup>2</sup>

## 电量参数

电压: 123.0V

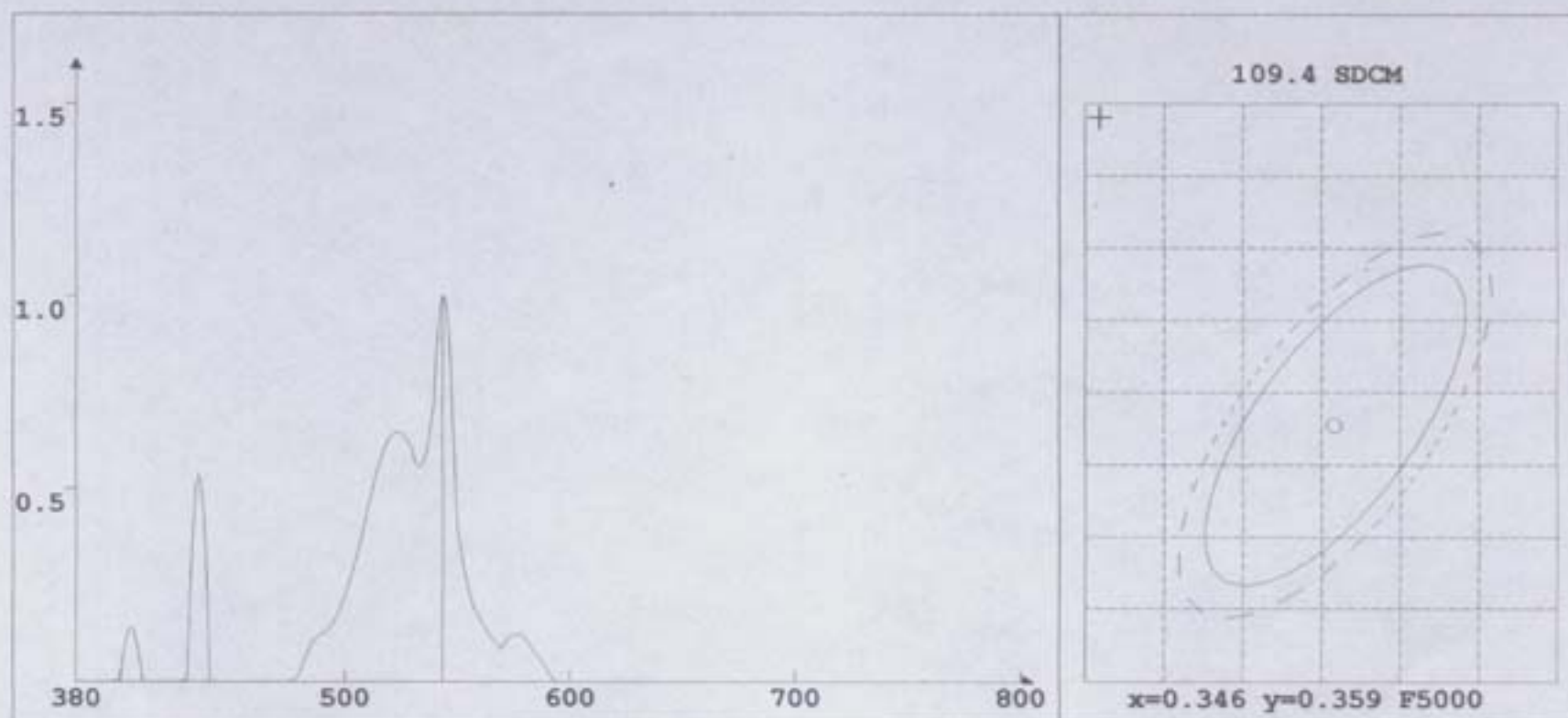
电流: 0.070A

功率: 8.5W

功率因数: 0.000



## Light Source Test Report



## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.3137$   $y=0.5860$   $u=0.1248$   $v=0.3724$

Correlated Color Temperature:  $T_c=6483K$  Red Ratio:  $R=4.187\%$

Peak Wave:  $\lambda_p=544nm$

Half Width:  $\Delta\lambda_p=37.0nm$

Rendering Index:  $R_a=24.6$

R1 = -34    R2 = 20    R3 = 68    R4 = -11    R5 = -6    R6 = 10    R7 = 79

R8 = -5    R9 = -368    R10 = -47    R11 = -43    R12 = -21    R13 = -30    R14 = 79

## Photo Parameters:

Luminous Flux:  $\Phi = 313(lm)$

Efficiency:  $\eta = 42.35(lm/W)$

## Electrical Parameters:

Voltage:  $U=101.0V$

Current:  $I=0.127A$

Power:  $P=7.40W$

Power Factor:  $PF=0.572$

## Instrument Status:

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

PMT HV: -821V

Main: RM=1

Id=114

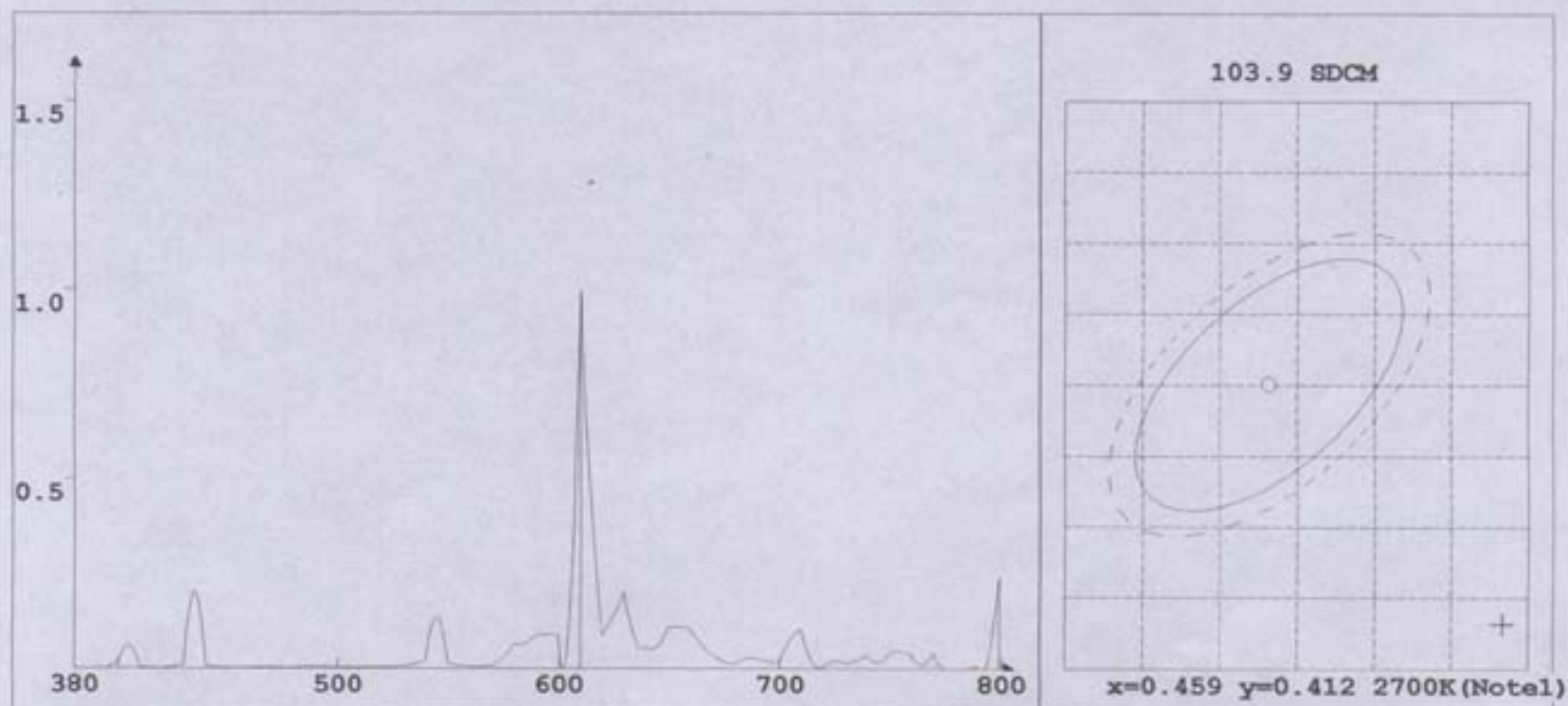
$I_p=3198$

Reference: RF=3

REF=450

$\eta=1.109\%$

## Light Source Test Report



## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.5755$   $y=0.3327$  /  $u=0.3941$   $v=0.3417$ Correlated Color Temperature:  $T_c \leq 1500K$  Red Ratio:  $R=70.368\%$ Peak Wave:  $\lambda_p=610nm$ Half Width:  $\Delta\lambda_p=6.5nm$ Rendering Index:  $R_a=50.2$ 

R1 =62

R2 =95

R3 =85

R4 =61

R5 =69

R6 =89

R7 =46

R8 =-1

R9 =-114

R10=84

R11=64

R12=83

R13=77

R14=93

## Photo Parameters:

Luminous Flux:  $\Phi =248(lm)$ Efficiency:  $\eta=33.5(lm/W)$ 

## Electrical Parameters:

Voltage:  $U=101.0V$ Current:  $I=0.128A$ Power:  $P=7.43W$ Power Factor:  $PF=0.571$ 

## Instrument Status:

Scan Range: 380nm-800nm

Interval: 5nm

PMT HV: -838V

Main: RM=1

Id=42

Ip=3193

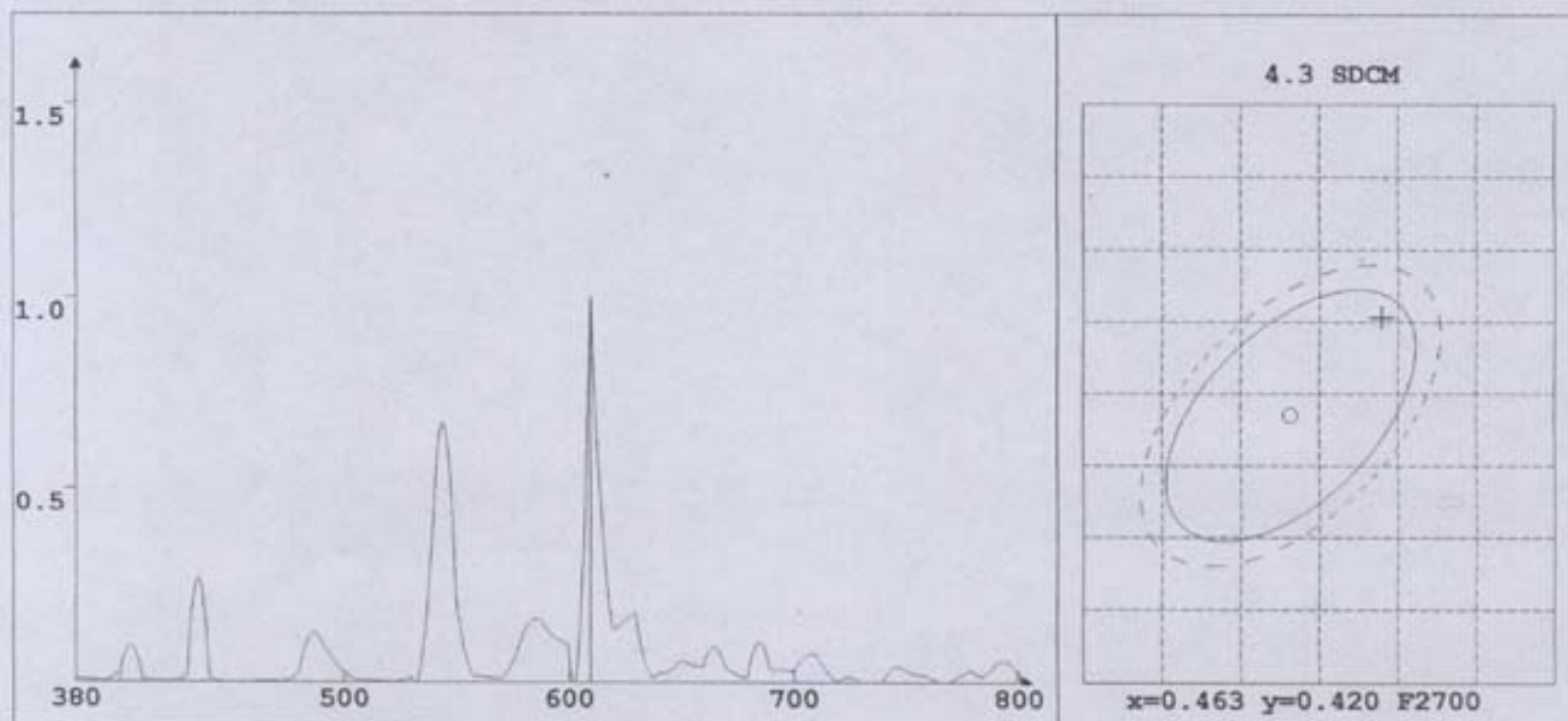
Reference: RF=4

REF=2927

 $\%=-0.478\%$



## Light Source Test Report



## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4695$   $y=0.4289$   $u=0.2605$   $v=0.3570$ Correlated Color Temperature:  $T_c=2707K$  Red Ratio:  $R=33.334\%$ Peak Wave:  $\lambda_p=610nm$ Half Width:  $\Delta\lambda_p=6.4nm$ Rendering Index:  $R_a=83.4$ 

R1 =97	R2 =97	R3 =51	R4 =91	R5 =90	R6 =85	R7 =91
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R8 =65	R9 =-7	R10=54	R11=84	R12=48	R13=92	R14=66
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## Photo Parameters:

Luminous Flux:  $\Phi=318(lm)$ Efficiency:  $\eta=44.50(lm/W)$ 

## Electrical Parameters:

Voltage:  $U=101.0V$ Current:  $I=0.123A$ Power:  $P=7.14W$ Power Factor:  $PF=0.569$ 

## Instrument Status:

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

PMT HV: -771V

Main: RM=1

Id=28

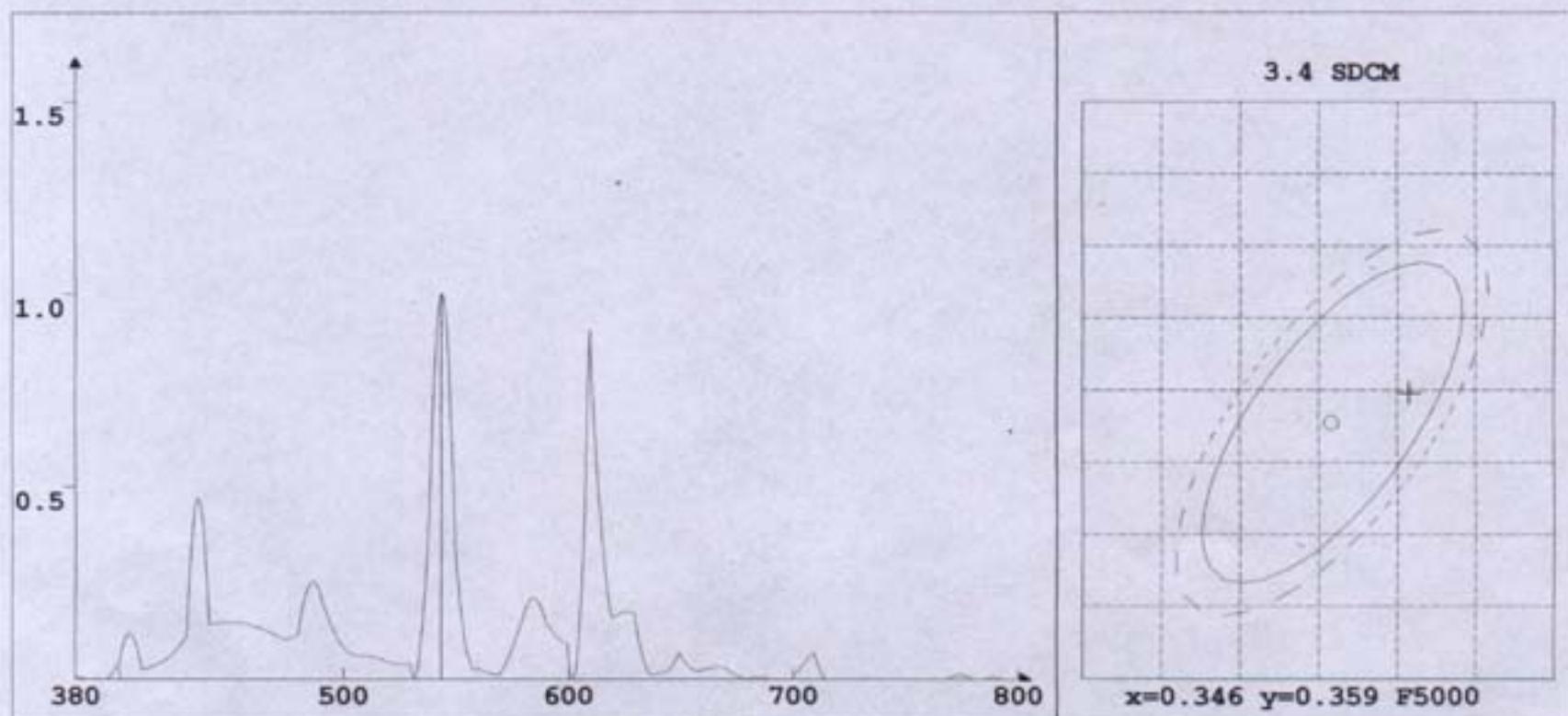
Ip=3196

Reference: RF=3

REF=552

 $\eta=0.724\%$

## Light Source Test Report

**CIE Color Parameters:**Chromaticity Coordinate:  $x=0.3515$   $y=0.3617$   $u=0.2118$   $v=0.3270$ Correlated Color Temperature:  $T_c=4966K$  Red Ratio:  $R=22.718\%$ Peak Wave:  $\lambda_p=544nm$  Half Width:  $\Delta\lambda_p=10.3nm$ Rendering Index:  $R_a=85.9$ 

R1 =97	R2 =95	R3 =55	R4 =91	R5 =92	R6 =83	R7 =91
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R8 =84	R9 =34	R10=55	R11=80	R12=62	R13=95	R14=70
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**Photo Parameters:**Luminous Flux:  $\Phi =305(lm)$ Efficiency:  $\eta=41.88(lm/W)$ **Electrical Parameters:**Voltage:  $U=101.0V$ Current:  $I=0.125A$ Power:  $P=7.29W$ Power Factor:  $PF=0.573$ **Instrument Status:**

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

PMT HV: -780V

Main: RM=1

Id=33

Ip=3155

Reference: RF=3

REF=442

 $\% =1.357\%$