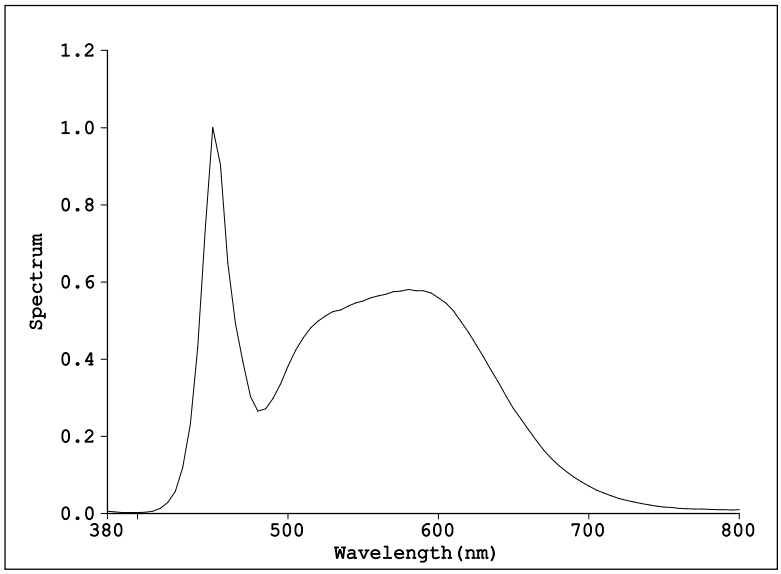
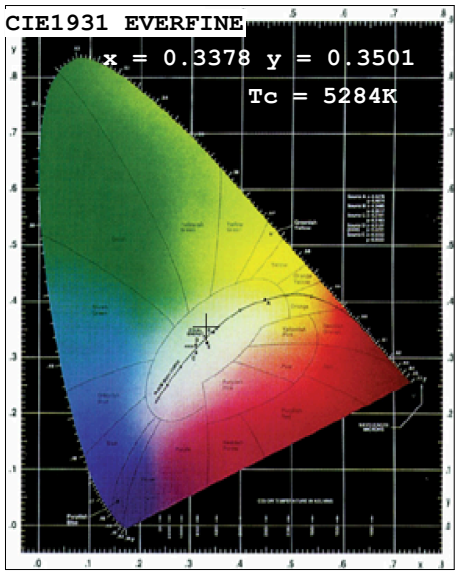
Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3378 y=0.3501

Chromaticity Coordinate:u'=0.3378 v'=0.3501(duv=2.29e-03)

Tc=5284K Dominant WL:Ld=564.1nm Purity=6.4% Centroid WL:551.0nm

Ratio:R=16.7% G=78.8% B=4.5% Peak WL:Lp=450.0nm HWL:23.6nm

Render Index:Ra=84.7

R1 =83	R2 =90	R3 =93	R4 =85	R5 =84	R6 =85	R7 =88	
R8 =70	R9 =14	R10=75	R11=84	R12=63	R13=85	R14=97	R15=78

Photo Parameters:

Flux: 7251.8 lm Fe: 22.934 W Efficacy:123.5 lm/W

Electrical Parameters:

Luminaire: U=2.999V I=1.249A P=3.746W PF=1.000

Lamp : U=219.6V I=0.2733A P=58.73W PF=0.9785

Instrument Status:

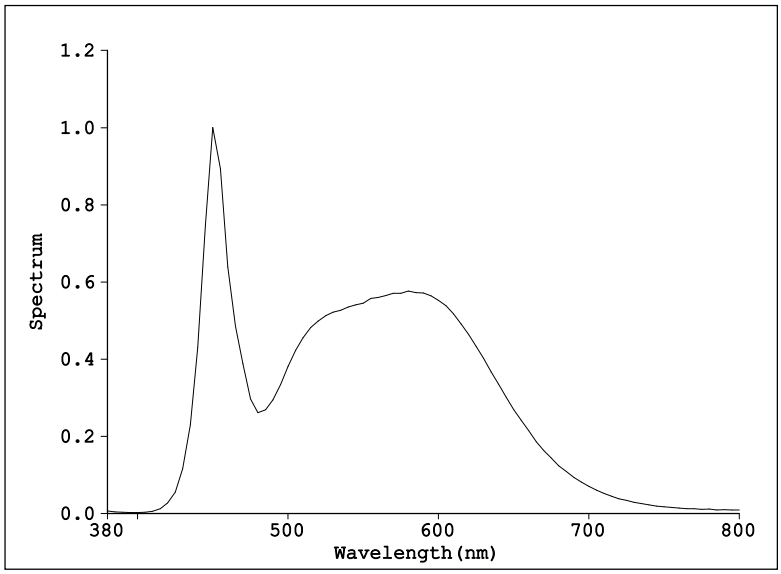
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=19754(G=3,D=63)

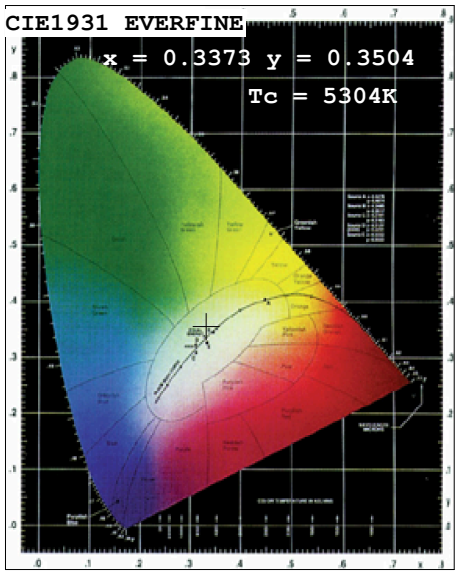
REF=10183(R=2) %=0.358% PMT: 31.9 centigrade [150.0]

Product Type:
Number:56
Temperature:26.8 deg
Test Operator:QC-01
Software:V2.00.122

Manufacturer:
Test Department:
Humidity:70%
Test Date:2017-06-14 11:38:03
Instrument:PMS-80_V1 (SN:11080027)

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3373 y=0.3504

Chromaticity Coordinate:u'=0.3373 v'=0.3504(duv=2.62e-03)

Tc=5304K Dominant WL:Ld=563.2nm Purity=6.3% Centroid WL:551.0nm

Ratio:R=16.6% G=78.9% B=4.5% Peak WL:Lp=450.0nm HWL:23.4nm

Render Index:Ra=84.6

R1 =83	R2 =89	R3 =93	R4 =85	R5 =84	R6 =85	R7 =88	
R8 =70	R9 =14	R10=74	R11=84	R12=63	R13=85	R14=96	R15=78

Photo Parameters:

Flux: 7250.9 lm Fe: 22.920 W Efficacy:123.8 lm/W

Electrical Parameters:

Luminaire: U=2.999V I=1.249A P=3.746W PF=1.000

Lamp : U=219.6V I=0.2723A P=58.57W PF=0.9797

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=20016(G=3,D=63)

REF=10180(R=2) %=-0.572% PMT: 32.4 centigrade [150.0]

Product Type: Manufacturer:

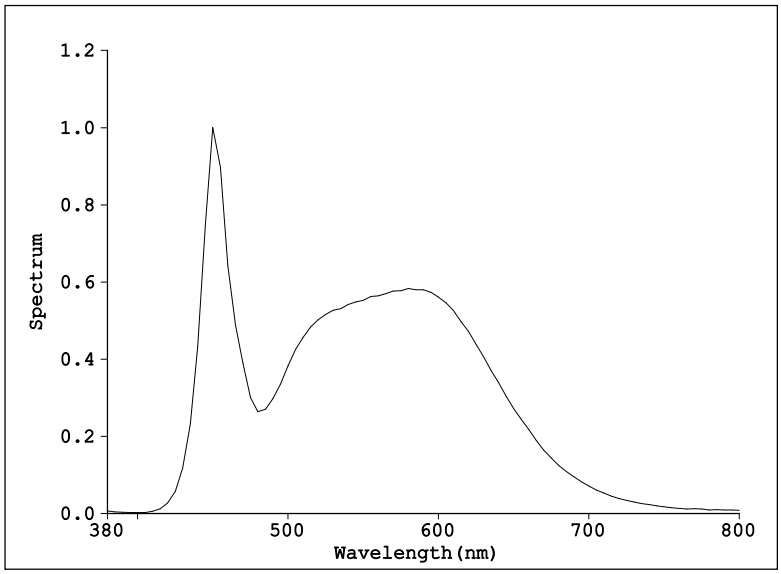
Number:58 Test Department:

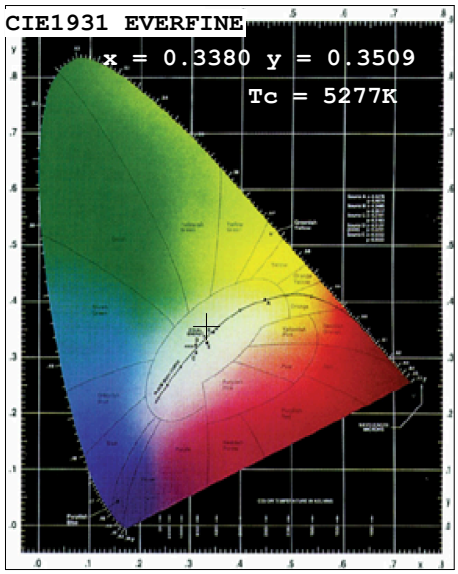
Temperature:26.8 deg Humidity:70%

Test Operator:QC-01 Test Date:2017-06-14 11:42:01

Software:V2.00.122 Instrument:PMS-80_V1 (SN:11080027)

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3380 y=0.3509

Chromaticity Coordinate:u'=0.3380 v'=0.3509(duv=2.56e-03)

Tc=5277K Dominant WL:Ld=564.2nm Purity=6.7% Centroid WL:552.0nm

Ratio:R=16.7% G=78.8% B=4.5% Peak WL:Lp=450.0nm HWL:23.6nm

Render Index:Ra=84.5

R1 =83	R2 =89	R3 =93	R4 =84	R5 =84	R6 =85	R7 =88	
R8 =69	R9 =13	R10=74	R11=84	R12=63	R13=85	R14=96	R15=78

Photo Parameters:

Flux: 7294.5 lm Fe: 23.024 W Efficacy:124.6 lm/W

Electrical Parameters:

Luminaire: U=2.999V I=1.249A P=3.746W PF=1.000

Lamp : U=219.5V I=0.2724A P=58.56W PF=0.9796

Instrument Status:

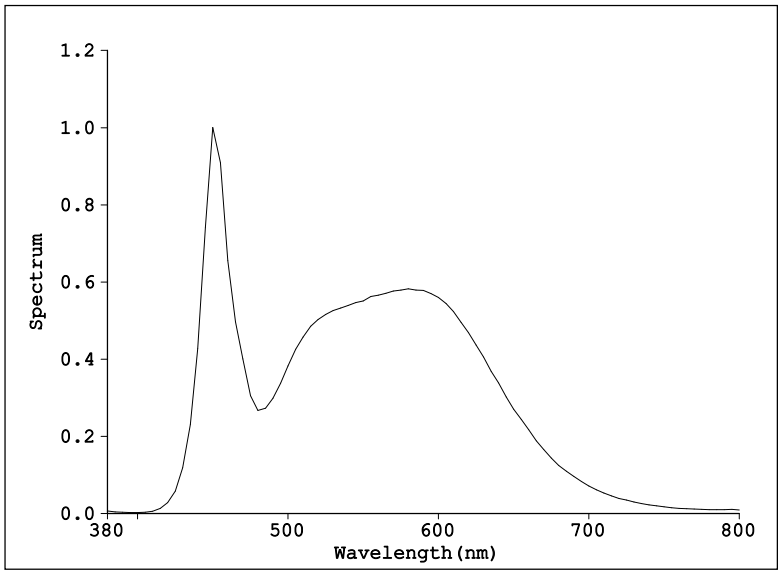
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=19769(G=3,D=63)

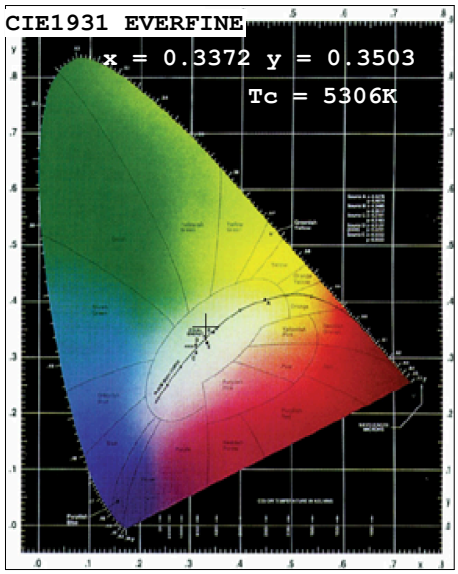
REF=10242(R=2) %=0.405% PMT: 32.5 centigrade [150.0]

Product Type:
Number:59
Temperature:26.8 deg
Test Operator:QC-01
Software:V2.00.122

Manufacturer:
Test Department:
Humidity:70%
Test Date:2017-06-14 11:44:02
Instrument:PMS-80_V1 (SN:11080027)

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3372 y=0.3503

Chromaticity Coordinate:u'=0.3372 v'=0.3503(duv=2.58e-03)

Tc=5306K Dominant WL:Ld=563.1nm Purity=6.3% Centroid WL:551.0nm

Ratio:R=16.6% G=78.8% B=4.5% Peak WL:Lp=450.0nm HWL:23.7nm

Render Index:Ra=84.6

R1 =83	R2 =89	R3 =93	R4 =84	R5 =84	R6 =85	R7 =88	
R8 =70	R9 =13	R10=75	R11=84	R12=63	R13=85	R14=97	R15=78

Photo Parameters:

Flux: 7208.4 lm Fe: 22.791 W Efficacy:123.7 lm/W

Electrical Parameters:

Luminaire: U=2.999V I=1.249A P=3.746W PF=1.000

Lamp : U=219.6V I=0.2711A P=58.30W PF=0.9793

Instrument Status:

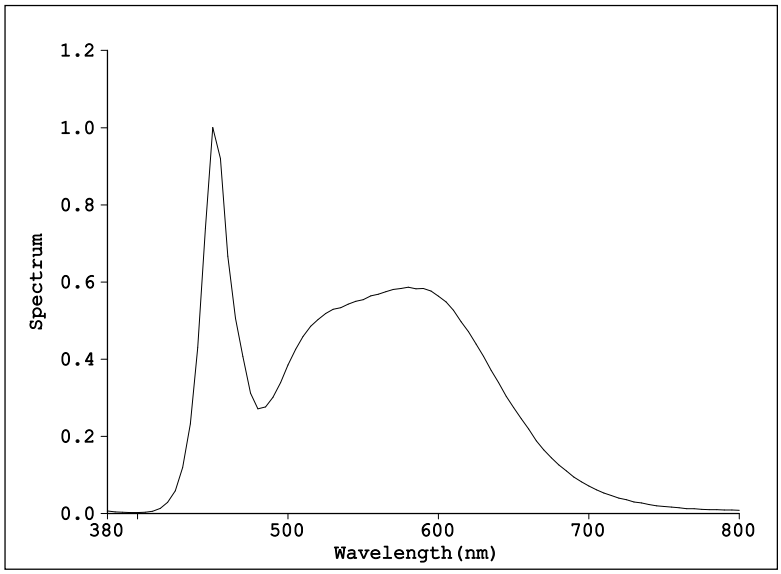
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=19707(G=3,D=63)

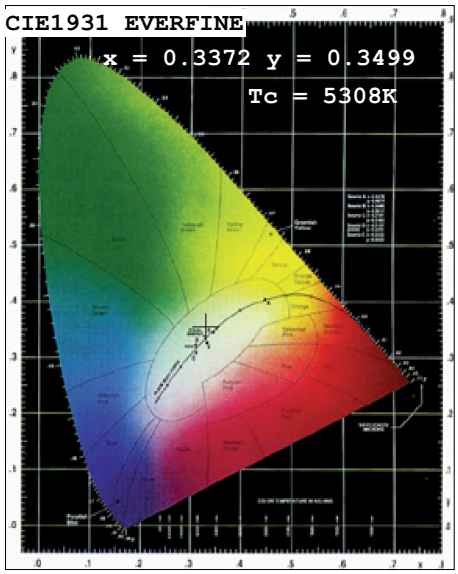
REF=10121(R=2) %=-0.457% PMT: 32.6 centigrade [150.0]

Product Type:
Number:59
Temperature:26.8 deg
Test Operator:QC-01
Software:V2.00.122

Manufacturer:
Test Department:
Humidity:70%
Test Date:2017-06-14 11:45:53
Instrument:PMS-80_V1 (SN:11080027)

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3372 y=0.3499

Chromaticity Coordinate:u'=0.3372 v'=0.3499(duv=2.44e-03)

Tc=5308K Dominant WL:Ld=563.2nm Purity=6.2% Centroid WL:551.0nm

Ratio:R=16.6% G=78.8% B=4.5% Peak WL:Lp=450.0nm HWL:24.1nm

Render Index:Ra=84.6

R1 =83	R2 =90	R3 =93	R4 =84	R5 =84	R6 =85	R7 =88	
R8 =69	R9 =13	R10=75	R11=84	R12=63	R13=85	R14=97	R15=78

Photo Parameters:

Flux: 7182.4 lm Fe: 22.729 W Efficacy:123.0 lm/W

Electrical Parameters:

Luminaire: U=2.999V I=1.249A P=3.746W PF=1.000

Lamp : U=260.2V I=0.2317A P=58.37W PF=0.9683

Instrument Status:

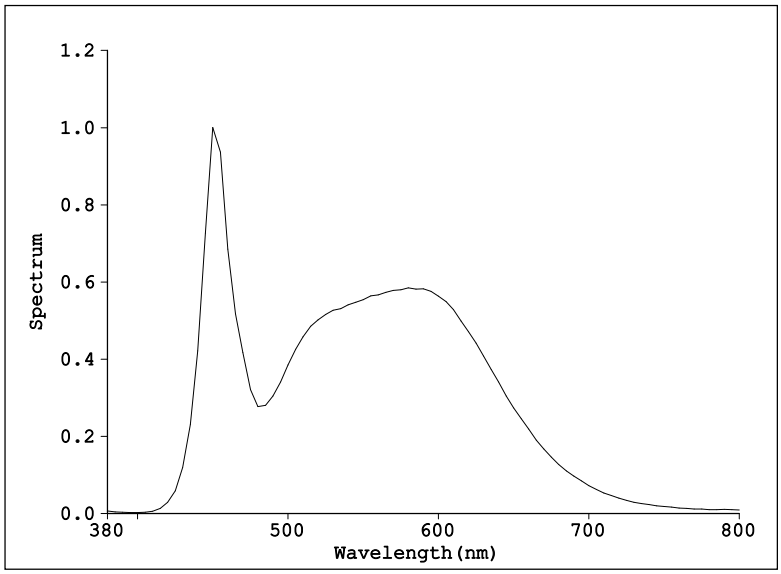
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=19427(G=3,D=63)

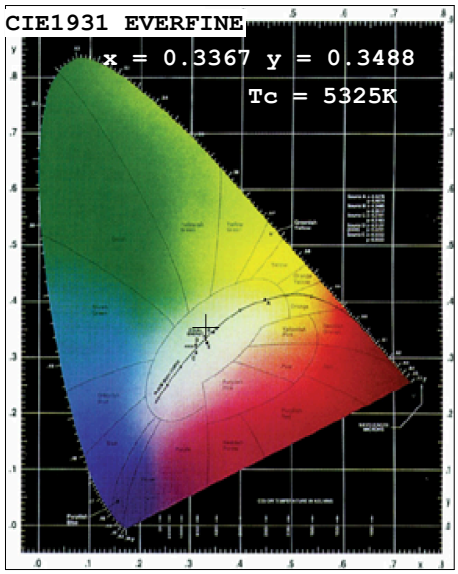
REF=10085(R=2) %=0.401% PMT: 32.8 centigrade [150.0]

Product Type:
Number:60
Temperature:26.8 deg
Test Operator:QC-01
Software:V2.00.122

Manufacturer:
Test Department:
Humidity:70%
Test Date:2017-06-14 11:47:09
Instrument:PMS-80_V1 (SN:11080027)

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3367 y=0.3488

Chromaticity Coordinate:u'=0.3367 v'=0.3488(duv=2.08e-03)

Tc=5325K Dominant WL:Ld=562.7nm Purity=5.7% Centroid WL:551.0nm

Ratio:R=16.7% G=78.7% B=4.6% Peak WL:Lp=450.0nm HWL:24.6nm

Render Index:Ra=85.0

R1 =84	R2 =90	R3 =94	R4 =85	R5 =84	R6 =86	R7 =88	
R8 =70	R9 =15	R10=76	R11=84	R12=63	R13=86	R14=97	R15=79

Photo Parameters:

Flux: 6811.3 lm Fe: 21.628 W Efficacy:116.3 lm/W

Electrical Parameters:

Luminaire: U=2.999V I=1.249A P=3.746W PF=1.000

Lamp : U=84.51V I=0.6944A P=58.55W PF=0.9978

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=18450(G=3,D=63)

REF=9569(R=2) %=-0.475% PMT: 32.8 centigrade [150.0]

Product Type:
Number:61
Temperature:26.8 deg
Test Operator:QC-01
Software:V2.00.122

Manufacturer:
Test Department:
Humidity:70%
Test Date:2017-06-14 11:49:28
Instrument:PMS-80_V1 (SN:11080027)