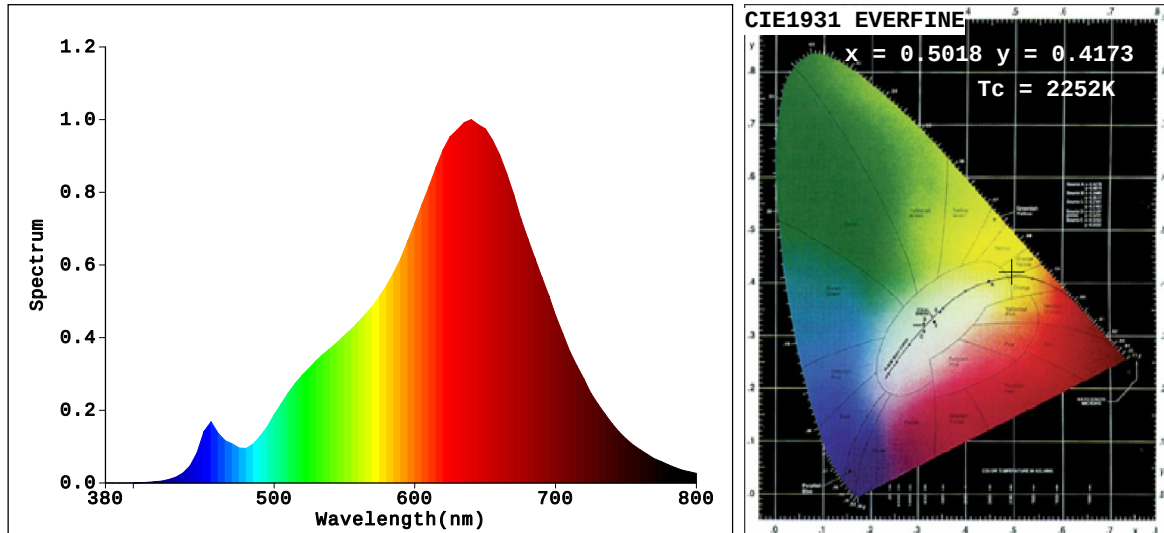


Spectrophotocolorimeter Test Report

ZL-C35FT-4W22E14C

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5018$ $y=0.4173$ / $u'=0.2865$ $v'=0.5362$
Tc=2252K Dominant WL:Ld=586.7nm Purity=75.9% Centroid WL:628.0nm
Ratio:R=33.3% G=65.2% B=1.5% Peak WL:Lp=640.0nm HWL:124.1nm
Render Index:Ra=97.7
R1 =100 R2 =100 R3 =97 R4 =99 R5 =100 R6 =98 R7 =97
R8 =93 R9 =93 R10=97 R11=95 R12=92 R13=100 R14=97 R15=96

Photo Parameters:

Flux: 319.93 lm Fe: 1.3348 W Efficacy:80.04 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=241.4V I=0.01833A P=3.997W PF=0.9033

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=11014(R=4) %=-0.339%

Ip=21833(G=5,D=65)
PMT: 25.4 centigrade [29.8]

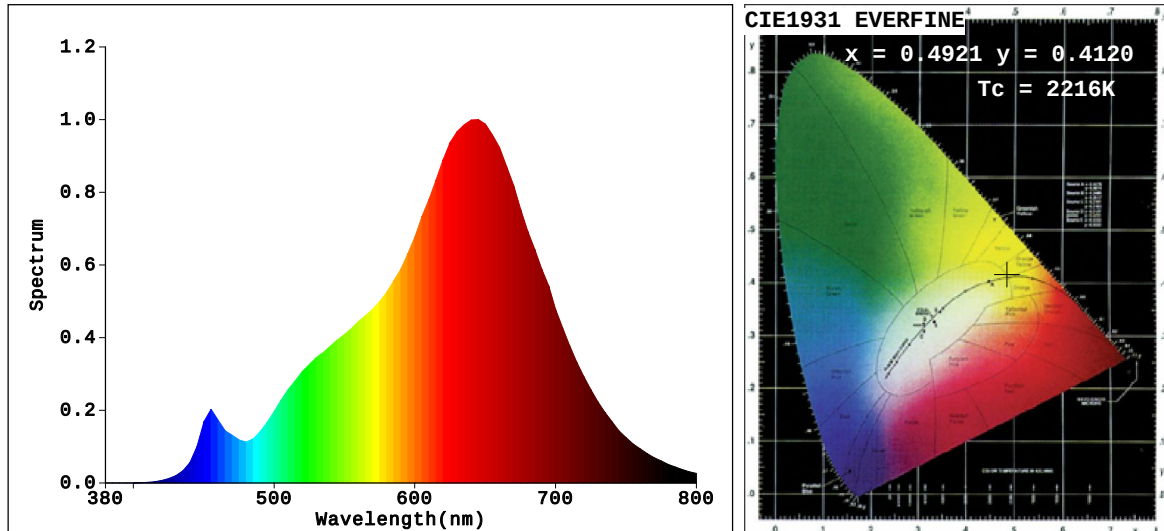
Product Type:ZL-C35FT-4W22E14C
Number:1
Temperature: deg
Test Operator:
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:%
Test Date:
Instrument:PMS-80_V1 (SN:1009039)

Spectrophotocolorimeter Test Report

ZL-C35FT-4W22E14C

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4921$ $y=0.4120$ $u'=0.2828$ $v'=0.5328$
Tc=2216K Dominant WL:Ld=586.8nm Purity=71.4% Centroid WL:629.0nm
Ratio:R=32.8% G=65.4% B=1.7% Peak WL:Lp=645.0nm HWL:123.2nm
Render Index:Ra=97.0
R1 =97 R2 =99 R3 =96 R4 =96 R5 =97 R6 =95 R7 =98
R8 =98 R9 =96 R10=99 R11=92 R12=91 R13=97 R14=96 R15=99

Photo Parameters:

Flux: 319.26 lm Fe: 1.3200 W Efficacy:78.96 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=241.4V I=0.01778A P=4.072W PF=0.9485

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=10641(R=4) %=-0.341%

Ip=21088(G=5,D=65)
PMT: 25.6 centigrade [29.8]

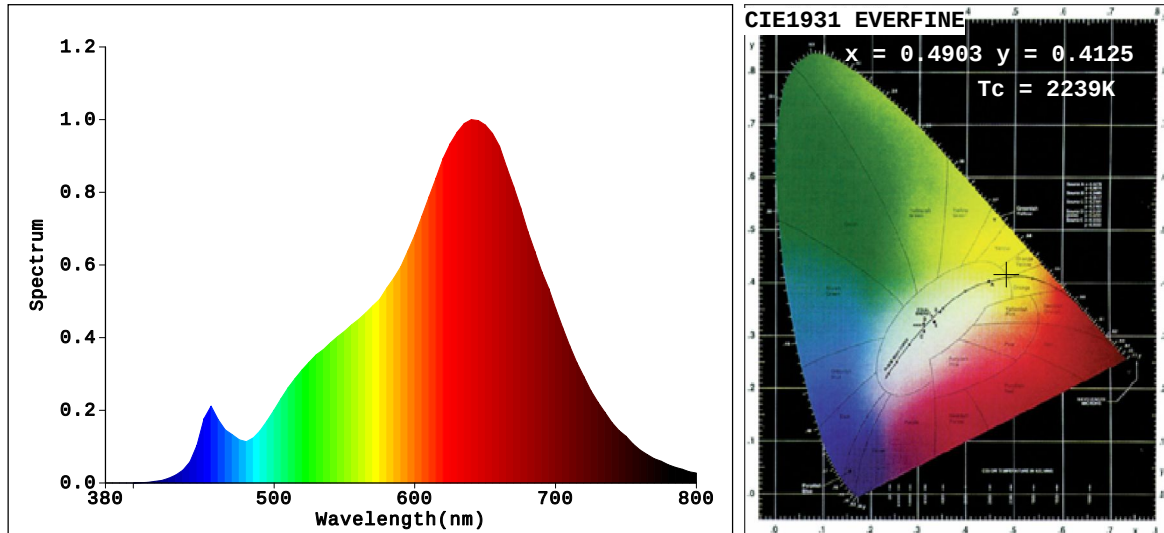
Product Type:ZL-C35FT-4W22E14C
Number:2
Temperature: deg
Test Operator:
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:%
Test Date:
Instrument:PMS-80_V1 (SN:1009039)

Spectrophotocolorimeter Test Report

ZL-C35FT-4W22E14C

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4903$ $y=0.4125$ $u'=0.2814$ $v'=0.5327$
Tc=2239K Dominant WL:Ld=586.5nm Purity=71.0% Centroid WL:628.0nm
Ratio:R=32.5% G=65.8% B=1.7% Peak WL:Lp=640.0nm HWL:124.8nm
Render Index:Ra=97.3
R1 =97 R2 =99 R3 =96 R4 =96 R5 =97 R6 =96 R7 =98
R8 =98 R9 =95 R10=100 R11=92 R12=91 R13=97 R14=96 R15=99

Photo Parameters:

Flux: 321.16 lm Fe: 1.3188 W Efficacy:76.71 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=241.4V I=0.01771A P=4.056W PF=0.9485

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=10699(R=4) %=-0.330%

Ip=20886(G=5,D=65)
PMT: 25.7 centigrade [29.9]

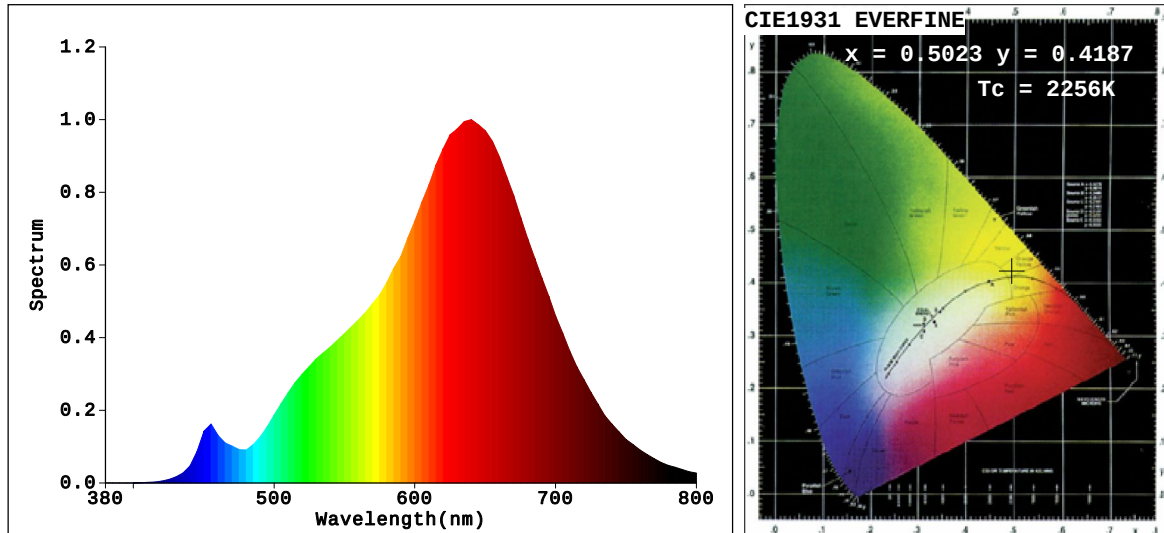
Product Type:ZL-C35FT-4W22E14C
Number:3
Temperature: deg
Test Operator:
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:%
Test Date:
Instrument:PMS-80_V1 (SN:1009039)

Spectrophotocolorimeter Test Report

ZL-C35FT-4W22E14C

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5023$ $y=0.4187$ / $u'=0.2862$ $v'=0.5368$
Tc=2256K Dominant WL:Ld=586.5nm Purity=76.5% Centroid WL:628.0nm
Ratio:R=33.2% G=65.4% B=1.4% Peak WL:Lp=640.0nm HWL:125.0nm
Render Index:Ra=97.4
R1 =99 R2 =99 R3 =96 R4 =99 R5 =99 R6 =98 R7 =96
R8 =92 R9 =92 R10=96 R11=96 R12=92 R13=99 R14=96 R15=95

Photo Parameters:

Flux: 321.79 lm Fe: 1.2838 W Efficacy:78.57 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=241.4V I=0.01805A P=3.943W PF=0.9048

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=10665(R=4) %=-0.236%

Ip=21108(G=5,D=65)
PMT: 25.8 centigrade [29.9]

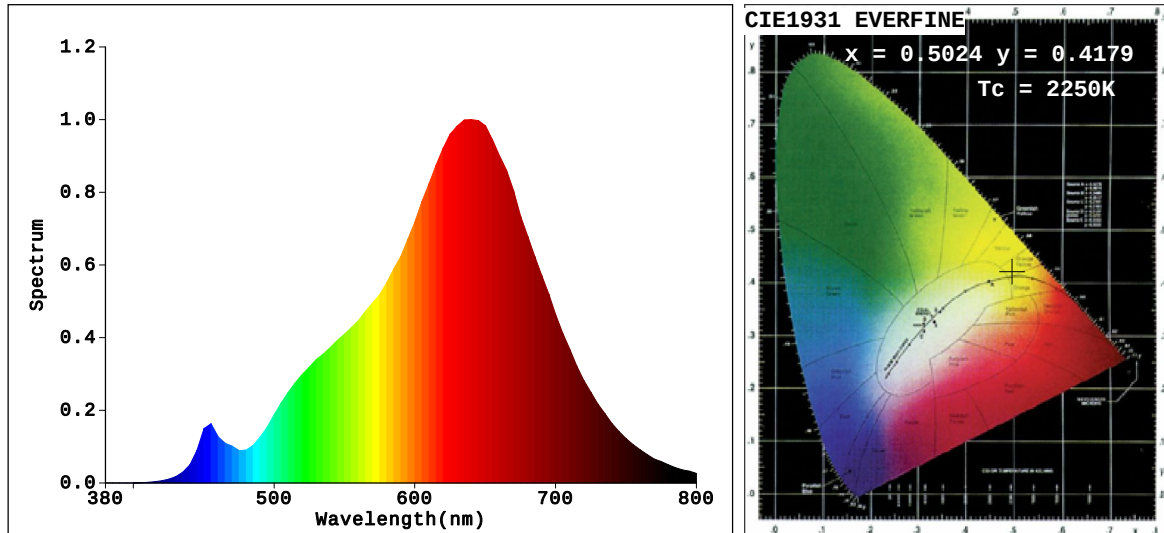
Product Type:ZL-C35FT-4W22E14C
Number:4
Temperature: deg
Test Operator:
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:%
Test Date:
Instrument:PMS-80_V1 (SN:1009039)

Spectrophotocolorimeter Test Report

ZL-C35FT-4W22E14C

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5024$ $y=0.4179$ $u'=0.2866$ $v'=0.5365$
Tc=2250K Dominant WL:Ld=586.6nm Purity=76.3% Centroid WL:628.0nm
Ratio:R=33.3% G=65.3% B=1.4% Peak WL:Lp=640.0nm HWL:125.8nm
Render Index:Ra=97.5
R1 =99 R2 =99 R3 =96 R4 =99 R5 =99 R6 =98 R7 =97
R8 =92 R9 =92 R10=96 R11=95 R12=92 R13=100 R14=97 R15=96

Photo Parameters:

Flux: 319.65 lm Fe: 1.3304 W Efficacy:80.69 lm/W
LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=241.4V I=0.01815A P=3.962W PF=0.9044

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=11005(R=4) %=-0.311%

Ip=21731(G=5,D=65)
PMT: 25.8 centigrade [30.0]

Product Type:ZL-C35FT-4W22E14C
Number:5
Temperature: deg
Test Operator:
Software:V2.00.100

Manufacturer:
Test Department:
Humidity:%
Test Date:
Instrument:PMS-80_V1 (SN:1009039)