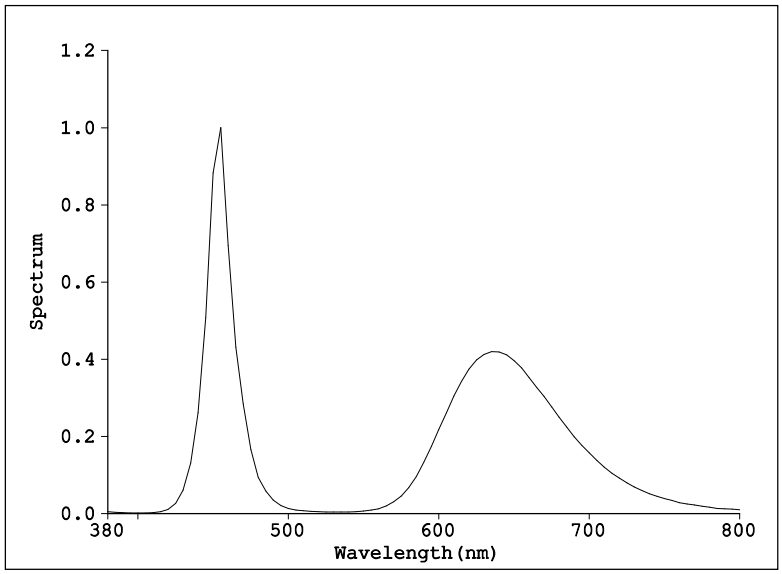
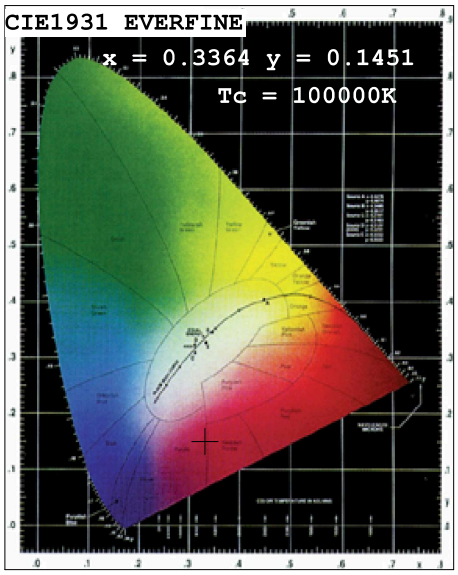
Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3364 y=0.1451/u'=0.3308 v'=0.3210

Tc=100000K Dominant WL:Ld=610.2nm Purity=56.5% Centroid WL:617.0nm

Ratio:R=63.1% G=24.5% B=12.3% Peak WL:Lp=455.0nm HWL:18.9nm

Render Index:Ra=-55.5

R1 =-72	R2 =-73	R3 =-72	R4 =-30	R5 =-64	R6 =-77	R7 =26	
R8 =-81	R9 =-440	R10=-269	R11=-57	R12=-122	R13=-82	R14=19	R15=-150

Photo Parameters:

Flux: 294.76 lm Fe: 2.6559 W Efficacy:28.00 lm/W

LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: U=24.00V I=0.4387A P=10.53W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=14796(G=3,D=50)

REF=16326(R=3) %=0.012% PMT: 22.2 centigrade [150.0]

Product Type:480-24V-8MM pink
Number:NS-COB-480-24
Temperature:25.3 deg
Test Operator:DAMIN
Software:V2.00.100

Manufacturer:NEWSMART
Test Department:EVERFINE
Humidity:65.0%
Test Date:2025-06-17 12:12:58
Instrument:PMS-80_V1 (SN:1012042)