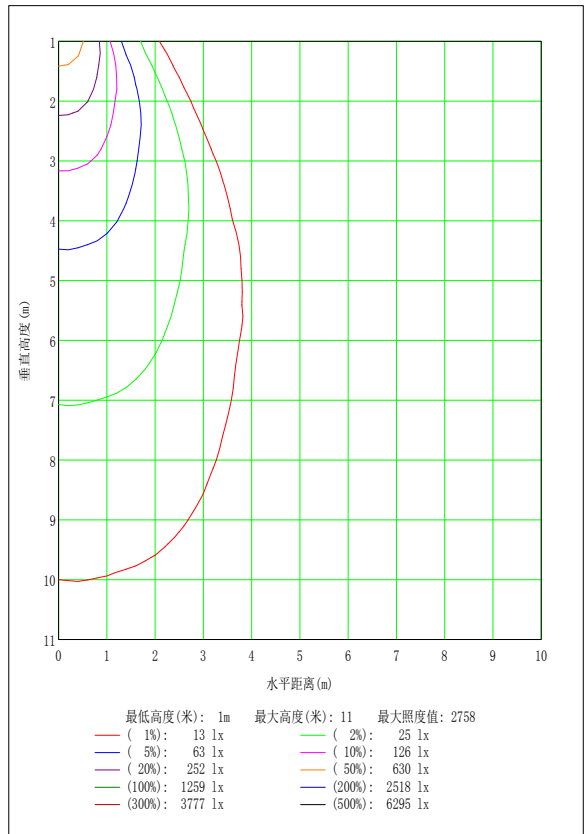
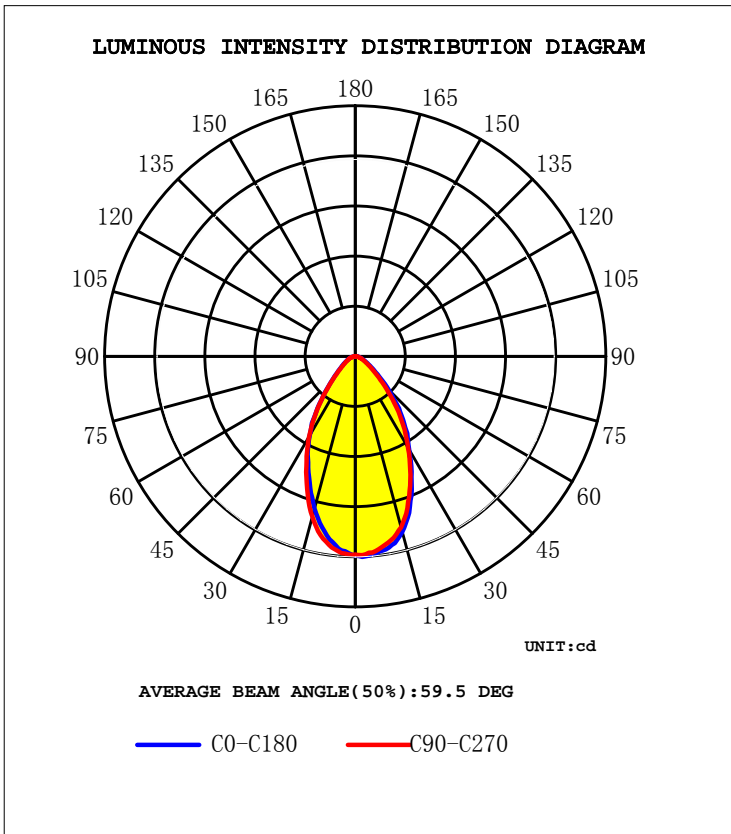


**EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT**

**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:121.1V I:0.4440A P:49.08W PF:0.9803 Lamp Flux:4785.61x1 lm		
NAME:	TYPE:室内	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

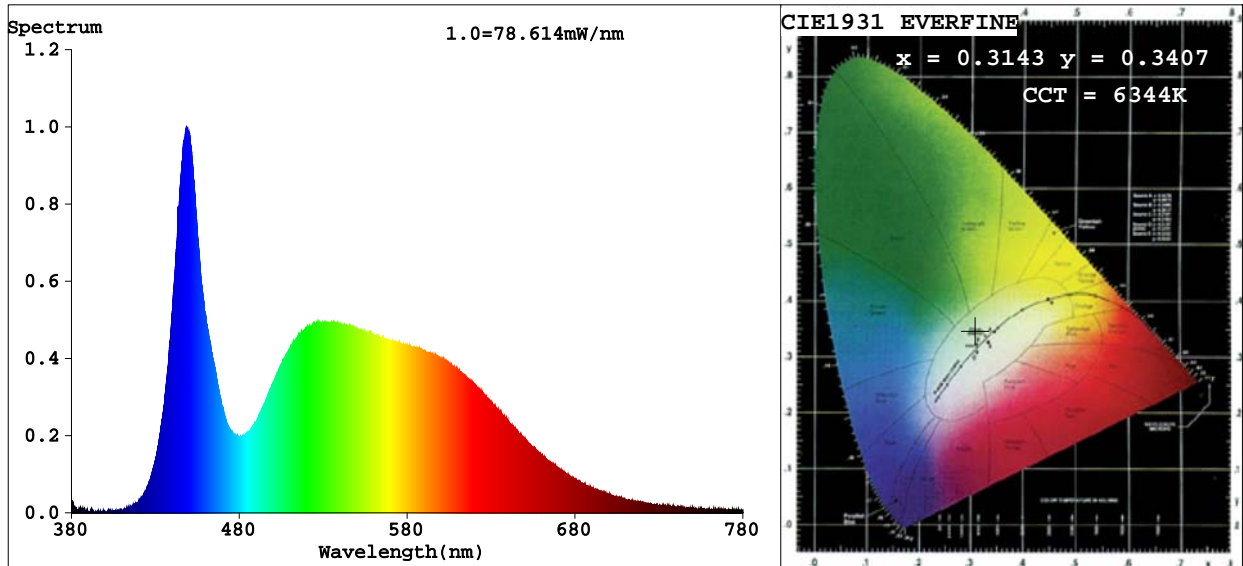
DATA OF LAMP		PHOTOMETRIC DATA $\eta$ eff: 97.46 lm/W			
MODEL	FL50-03	I <sub>max</sub> (cd)	1669	S/MH(C0/180)	1.43
NOMINAL POWER(W)	49	LOR(%)	100.0	S/MH(C90/270)	1.51
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4685.6	$\eta$ UP, DN(C0-180)	0.0, 52.9
NOMINAL FLUX(lm)	4785.61	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	0.0, 47.1
LAMPS INSIDE	76	$\eta$ up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.1	$\eta$ down(%)	100.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25DEG  
 Operators:  
 Test Date:2017-03-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:90.0%  
 Test Distance:2m [K=1.0000]  
 Remarks: LED

Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3143$   $y=0.3407$  /  $u'=0.1946$   $v'=0.4747$

CCT=6044K(Duv=0.0083) Dominant WL:Ld =496.8nm Purity=6.0%

Ratio:R=13.3% G=81.7% B=5.0% Peak WL:Lp=448.7nm FWHM=20.9nm

Render Index:Ra=82.3

R1 =80    R2 =85    R3 =88    R4 =83    R5 =81    R6 =80    R7 =89  
 R8 =72    R9 =8    R10=64    R11=83    R12=56    R13=81    R14=94    R15=75

**Photo Parameters:**

Flux = 4753 lm    Eff. : 96.84 lm/W    Fe = 9.725 W

**Electrical parameters:**

V = 121.13 V    I = 0.4440 A    P = 49.08 W    PF = 0.9803

WHITE:ANSI\_6000K

Status: Integral T = 10 ms    Ip = 2305 (4%)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25DEG  
 Operators:  
 Test Date:2017-03-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:90.0%  
 Test Distance:2m [K=1.0000]  
 Remarks: LED