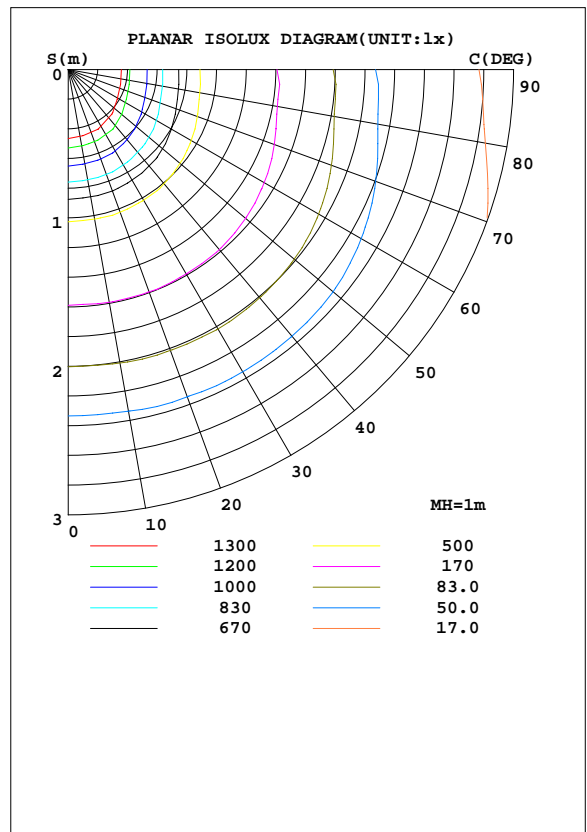
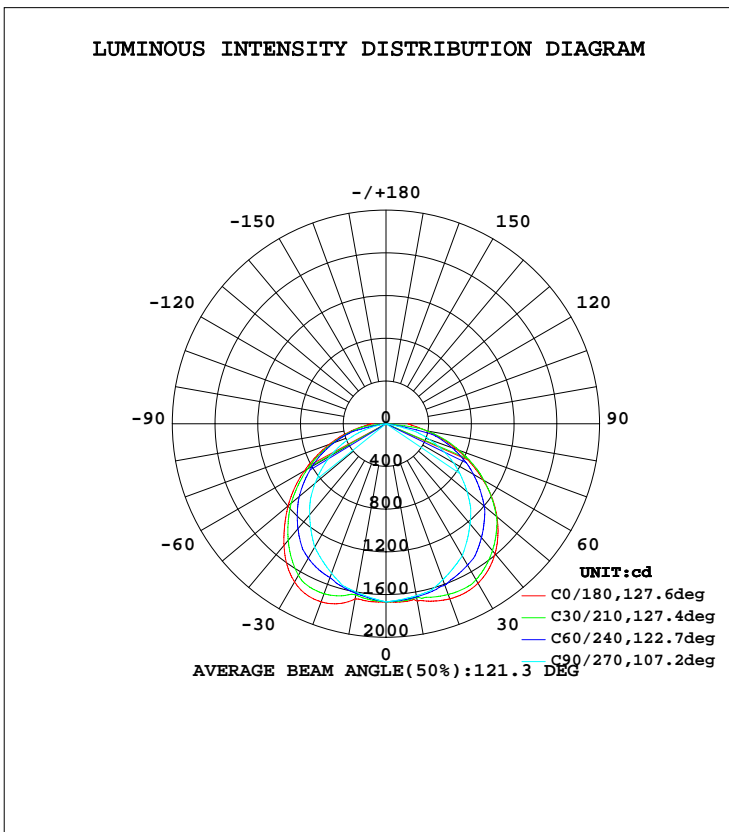


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.26 lm/W			
MODEL		I <sub>max</sub> (cd)	1776	S/MH(C0/180)	1.46
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	5432.5	η UP, DN(C0-180)	0.0,51.8
NOMINAL FLUX(lm)	5432.47	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,48.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	1675	1662	1651	1660	1671	1648	1635	1650	0- 5	39.69	39.69	0.73,0.73
10	1687	1650	1635	1645	1665	1621	1601	1626	5- 10	117.8	157.5	2.9,2.9
15	1719	1654	1618	1645	1744	1608	1568	1618	10- 15	194.8	352.3	6.48,6.48
20	1745	1668	1555	1689	1774	1636	1490	1621	15- 20	271.0	623.2	11.5,11.5
25	1748	1648	1492	1674	1765	1609	1412	1591	20- 25	340.9	964.2	17.7,17.7
30	1724	1612	1428	1630	1711	1553	1335	1544	25- 30	401.8	1366	25.1,25.1
35	1670	1565	1326	1566	1616	1478	1224	1486	30- 35	449.6	1816	33.4,33.4
40	1588	1502	1224	1482	1486	1386	1113	1413	35- 40	481.0	2297	42.3,42.3
45	1482	1401	1123	1360	1342	1262	1001	1305	40- 45	495.9	2792	51.4,51.4
50	1356	1291	991.7	1231	1197	1129	867.0	1189	45- 50	494.2	3287	60.5,60.5
55	1212	1173	860.8	1098	1043	992.3	732.6	1066	50- 55	474.8	3761	69.2,69.2
60	1048	1028	729.9	943.3	882.1	838.2	598.2	919.1	55- 60	440.1	4202	77.3,77.3
65	878.2	878.7	582.8	790.6	720.2	687.0	456.5	768.9	60- 65	391.2	4593	84.5,84.5
70	706.2	723.2	435.7	637.6	566.5	539.8	314.8	617.4	65- 70	330.6	4923	90.6,90.6
75	539.8	563.7	288.6	484.2	421.3	397.0	173.0	468.0	70- 75	261.4	5185	95.4,95.4
80	389.0	343.7	0	284.4	289.2	221.7	0	273.8	75- 80	172.0	5357	98.6,98.6
85	269.4	0	0	0	186.9	0	0	0	80- 85	62.09	5419	99.7,99.7
90	204.8	0	0	0	115.5	0	0	0	85- 90	13.61	5432	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

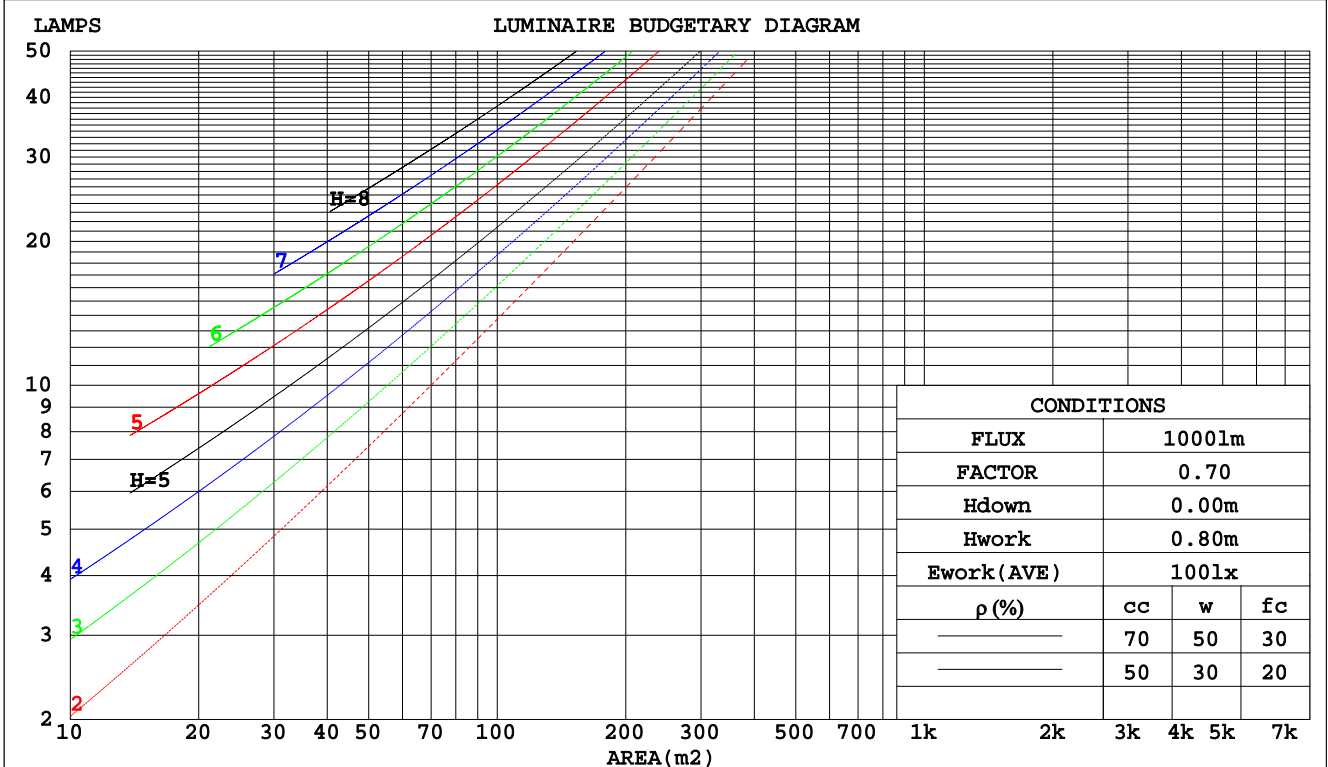
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.57	.51	.61	.55	.51	.48
5.0	.62	.52	.46	.60	.52	.45	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.45	.38	.34	.32
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.27	.40	.32	.27	.39	.32	.27	.38	.32	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

WEC AND CCEC

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.314	.179	.057	.307	.175	.056	.294	.169	.054	.281	.162	.052	.270	.157	.050	
2.0	.298	.163	.050	.291	.161	.049	.280	.156	.048	.269	.151	.047	.259	.146	.046	
3.0	.276	.147	.044	.270	.145	.044	.260	.141	.043	.250	.137	.042	.241	.134	.041	
4.0	.254	.132	.039	.249	.131	.039	.240	.127	.038	.232	.124	.038	.224	.121	.037	
5.0	.235	.120	.035	.231	.118	.034	.222	.116	.034	.215	.113	.034	.207	.111	.033	
6.0	.218	.109	.031	.214	.108	.031	.206	.106	.031	.200	.104	.030	.193	.102	.030	
7.0	.202	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.028	
8.0	.189	.092	.026	.186	.091	.026	.180	.090	.026	.174	.088	.025	.169	.087	.025	
9.0	.177	.085	.024	.174	.085	.024	.169	.083	.024	.164	.082	.023	.159	.081	.023	
10.0	.166	.080	.022	.163	.079	.022	.159	.078	.022	.154	.077	.022	.150	.075	.022	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.166	.114	.073	.142	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.136	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.046	.129	.079	.040	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.144	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.137	.076	.033	.118	.066	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.028	.112	.061	.025	.078	.043	.018	.045	.025	.010	.015	.008	.003	
9.0	.124	.065	.025	.107	.056	.022	.074	.040	.015	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.022	.102	.053	.019	.071	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm										
NAME: GLM-TPM-50W 4000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.:					SUR.:			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	29.8	31.3	30.0	31.5	31.7	28.4	29.9	28.6	30.1	30.3
3H	31.6	33.0	31.9	33.2	33.5	29.8	31.2	30.1	31.5	31.7
4H	32.3	33.7	32.7	34.0	34.2	30.3	31.7	30.6	31.9	32.2
6H	33.0	34.3	33.3	34.5	34.8	30.3	31.6	30.7	31.9	32.2
8H	33.2	34.5	33.6	34.8	35.1	30.3	31.5	30.6	31.8	32.1
12H	33.5	34.7	33.9	35.0	35.3	30.2	31.4	30.6	31.7	32.0
4H 2H	30.4	31.8	30.7	32.1	32.3	29.4	30.8	29.8	31.1	31.3
3H	32.5	33.7	32.8	34.0	34.3	31.2	32.4	31.5	32.7	33.0
4H	33.4	34.5	33.7	34.8	35.1	31.9	33.0	32.2	33.3	33.6
6H	34.1	35.1	34.5	35.5	35.8	31.9	32.9	32.3	33.3	33.6
8H	34.5	35.4	34.9	35.7	36.1	31.9	32.8	32.3	33.2	33.6
12H	34.9	35.7	35.3	36.1	36.5	31.9	32.7	32.3	33.1	33.5
8H 4H	33.8	34.7	34.2	35.0	35.4	32.5	33.4	32.9	33.8	34.2
6H	34.8	35.5	35.2	35.9	36.3	32.7	33.4	33.1	33.8	34.3
8H	35.2	35.9	35.7	36.3	36.8	32.6	33.3	33.1	33.7	34.2
12H	35.8	36.3	36.2	36.8	37.3	32.6	33.2	33.1	33.6	34.1
12H 4H	33.7	34.6	34.2	35.0	35.4	32.6	33.4	33.0	33.8	34.2
6H	34.8	35.4	35.2	35.9	36.3	32.8	33.5	33.3	33.9	34.3
8H	35.3	35.8	35.7	36.3	36.8	32.8	33.3	33.2	33.8	34.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.4 / - 0.8				

CIE Pub.117 Corrected 5432 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.9)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2792.5 lm

%lum = 51.4%

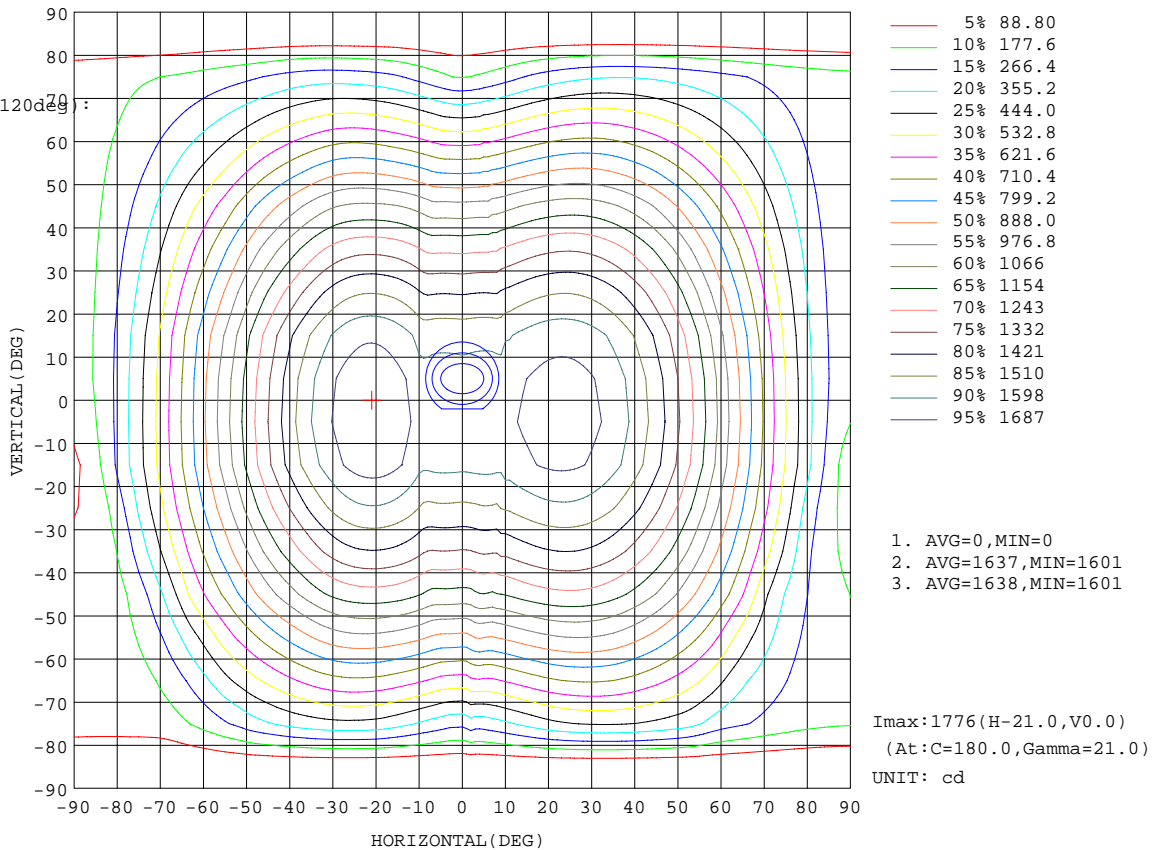
%lamp = 51.4%

Conical surface Flux(120deg):

4201.6 lm

%lum = 77.3%

%lamp = 77.3%

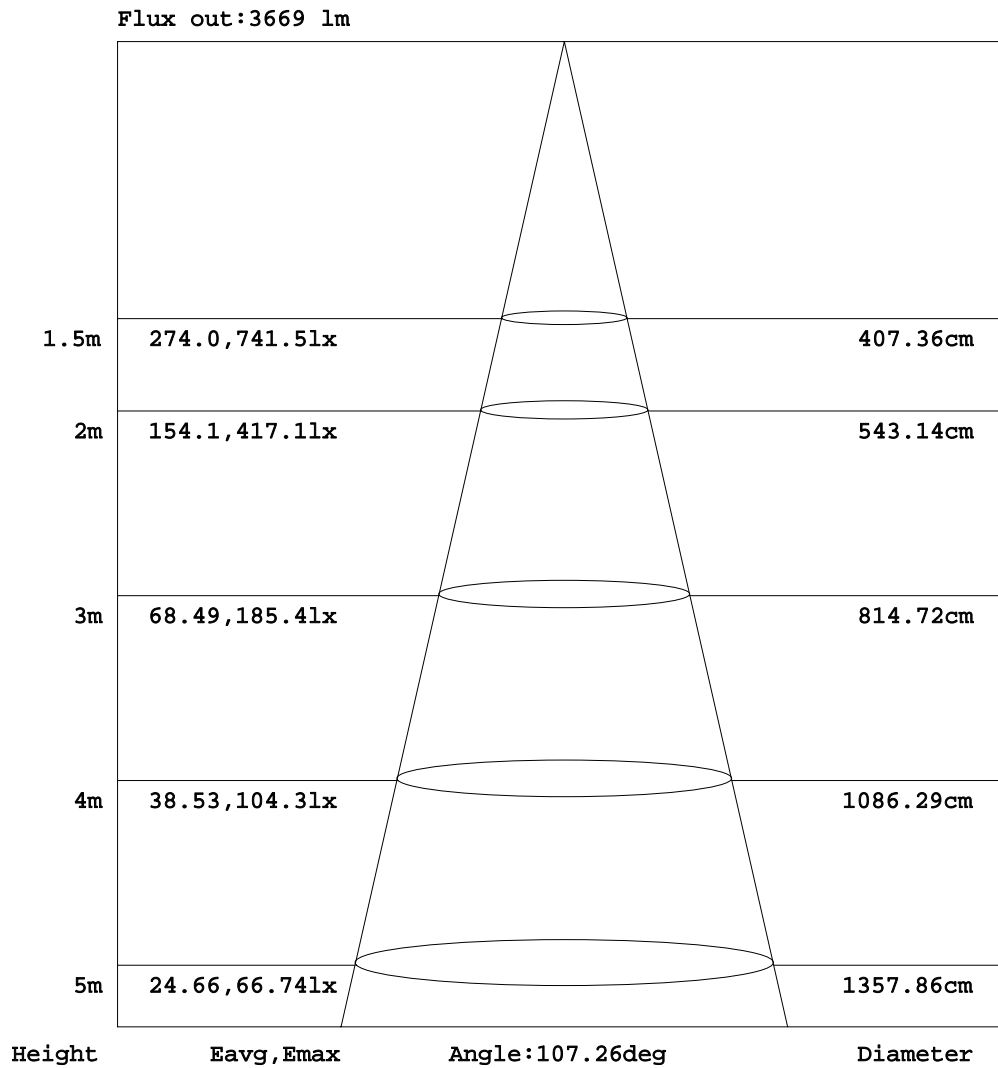


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

**AAI Figure**

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

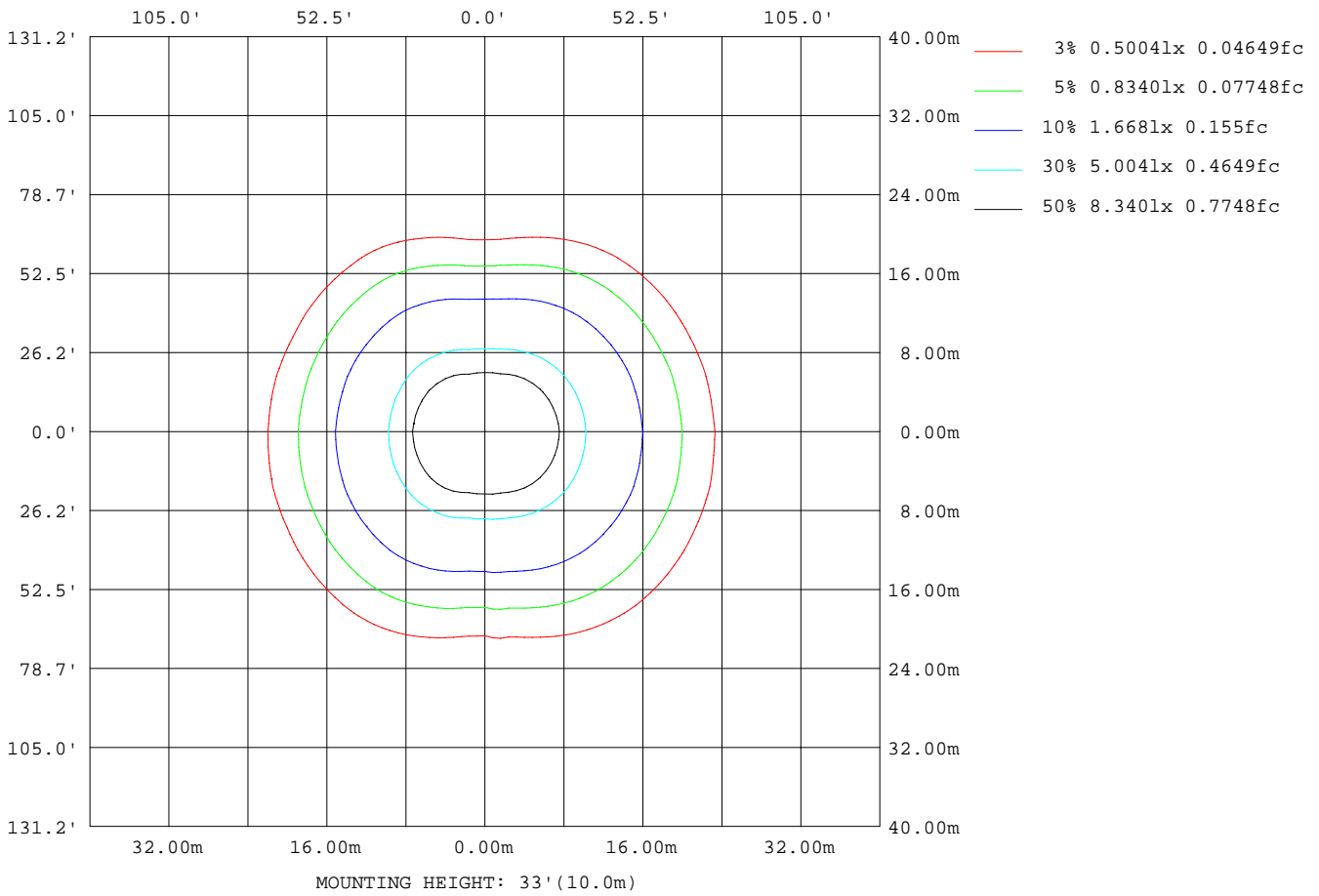
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:



**ISOLUX DIAGRAM**

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

LED Avg.L Report

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

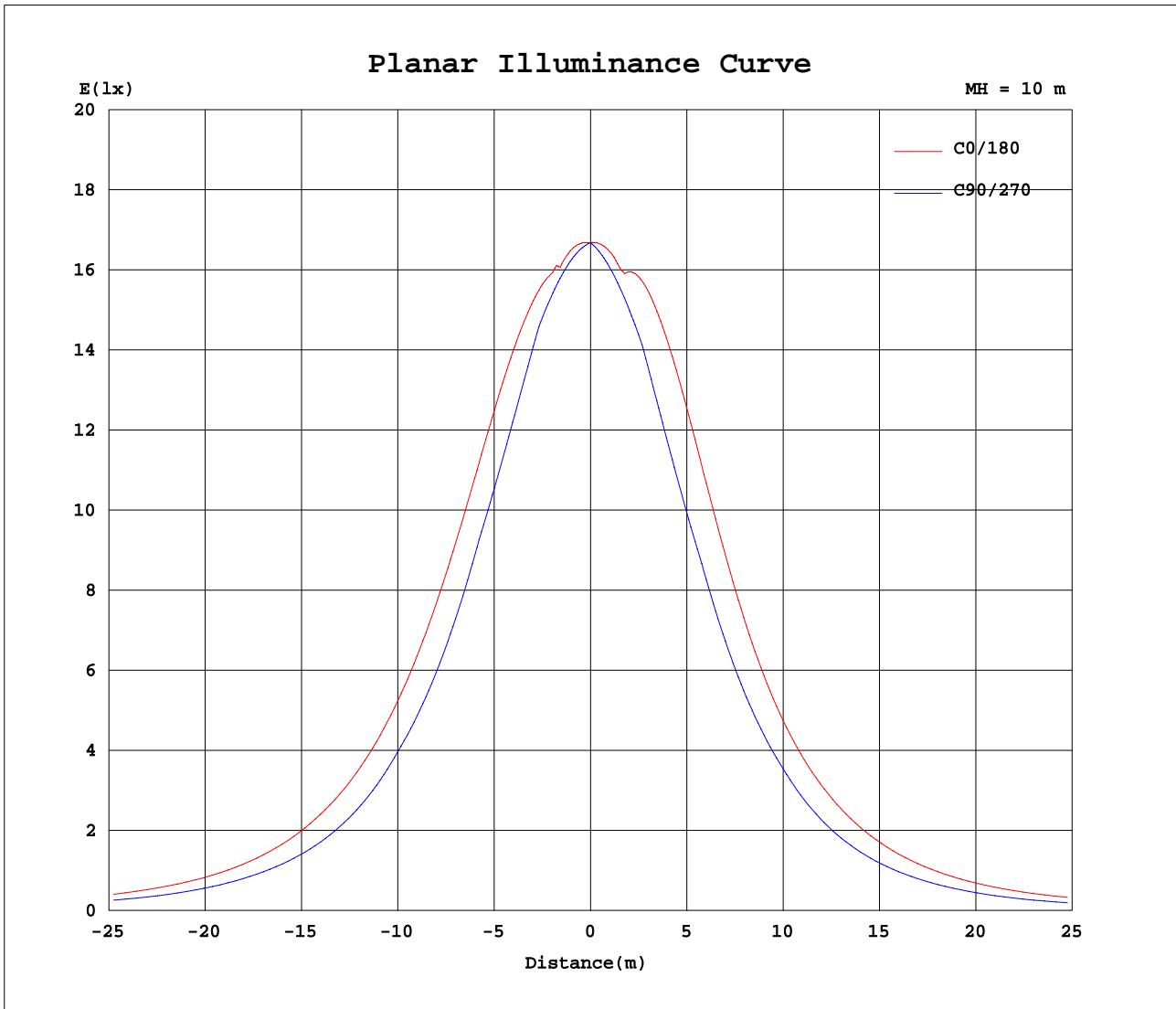
AvgL	cd/m2
L_0~180(65)av	94549
L_0~180(75)av	92834
L_0~180(85)av	130895
L_90~270(65)av	61480
L_90~270(75)av	44595
L_90~270(85)av	0
L_45(65)av	92437
L_45(75)av	92388
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-07-26

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.1600]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668
5	1675	1673	1672	1670	1669	1667	1666	1665	1663	1662	1660	1659	1658	1656	1655	1654	1652	1652	1651
10	1687	1684	1679	1672	1664	1654	1652	1651	1650	1650	1649	1647	1646	1644	1642	1640	1638	1636	1635
15	1719	1714	1709	1703	1697	1689	1681	1671	1660	1654	1643	1628	1629	1628	1626	1623	1620	1618	
20	1745	1739	1733	1726	1719	1710	1701	1691	1680	1668	1649	1624	1608	1581	1577	1572	1565	1558	1555
25	1748	1741	1734	1728	1722	1715	1708	1700	1674	1648	1621	1594	1568	1544	1518	1512	1505	1496	1492
30	1724	1716	1709	1705	1702	1699	1687	1663	1638	1612	1586	1557	1528	1500	1473	1449	1447	1433	1428
35	1670	1661	1656	1655	1657	1648	1628	1608	1588	1565	1541	1514	1475	1435	1398	1368	1353	1337	1326
40	1588	1580	1578	1582	1582	1565	1551	1538	1524	1502	1467	1430	1391	1351	1311	1276	1253	1242	1224
45	1482	1474	1476	1486	1475	1465	1459	1454	1429	1401	1371	1337	1301	1262	1222	1182	1151	1148	1123
50	1356	1349	1355	1358	1352	1352	1350	1330	1311	1291	1267	1239	1201	1156	1111	1065	1029	1024	992
55	1212	1206	1218	1214	1218	1221	1209	1198	1187	1173	1145	1112	1074	1032	986	941	902	897	861
60	1048	1044	1055	1056	1068	1061	1059	1062	1045	1028	1007	979	945	905	860	815	774	767	730
65	878	877	883	896	894	897	900	895	889	879	866	842	808	769	723	676	632	613	583
70	706	710	716	716	725	727	731	732	731	723	711	689	660	624	582	534	489	460	436
75	540	540	533	513	527	540	566	572	570	564	552	534	509	478	439	391	344	308	289
80	389	352	336	352	358	373	392	412	415	344	264	194	136	88.7	52.2	26.1	10.3	2.30	0.00
85	269	227	241	245	218	94.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	205	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks:





**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:223.5V I:0.2447A P:53.65W PF:0.9809 Lamp Flux:5432.47x1 lm		
NAME: GLM-TPM-50W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C( DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668	1668				
5	1637	1639	1641	1643	1645	1648	1650	1652	1655	1658	1660	1663	1666	1669	1672				
10	1608	1611	1614	1617	1620	1623	1626	1628	1631	1635	1640	1652	1663	1673	1681				
15	1577	1581	1583	1585	1587	1603	1618	1629	1643	1656	1668	1680	1691	1701	1710				
20	1507	1513	1521	1549	1571	1599	1621	1638	1653	1668	1683	1696	1709	1721	1733				
25	1430	1440	1471	1499	1529	1560	1591	1622	1652	1667	1680	1693	1706	1720	1734				
30	1352	1384	1414	1447	1480	1512	1544	1575	1606	1636	1656	1667	1679	1692	1707				
35	1262	1300	1340	1383	1423	1455	1486	1515	1543	1570	1598	1616	1624	1636	1651				
40	1166	1205	1247	1289	1331	1372	1413	1441	1464	1486	1510	1536	1547	1554	1568				
45	1065	1107	1149	1190	1231	1269	1305	1339	1371	1387	1404	1425	1447	1450	1461				
50	944	990	1037	1083	1125	1159	1189	1217	1244	1272	1285	1298	1317	1327	1335				
55	816	863	910	955	996	1033	1066	1088	1108	1128	1151	1160	1170	1187	1191				
60	687	733	780	823	861	893	919	944	966	976	989	1007	1009	1023	1028				
65	553	600	645	687	723	749	769	788	802	816	825	834	849	851	860				
70	417	463	505	544	576	599	617	631	642	651	660	669	676	684	692				
75	280	324	363	398	428	450	468	481	490	496	502	508	514	522	527				
80	18.6	37.9	65.8	103	150	207	274	336	348	357	362	365	368	372	379				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.2	220	256	258	261				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-07-26

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.1600]  
 Remarks: