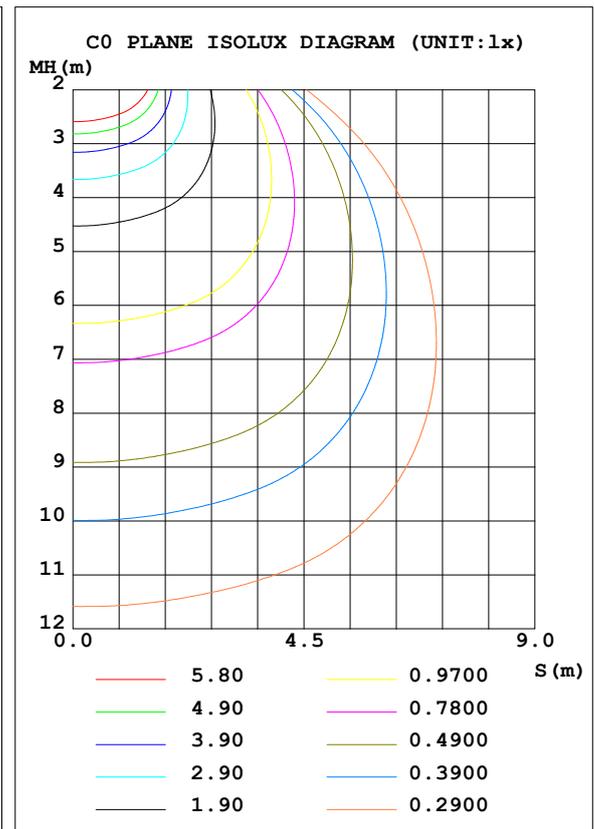
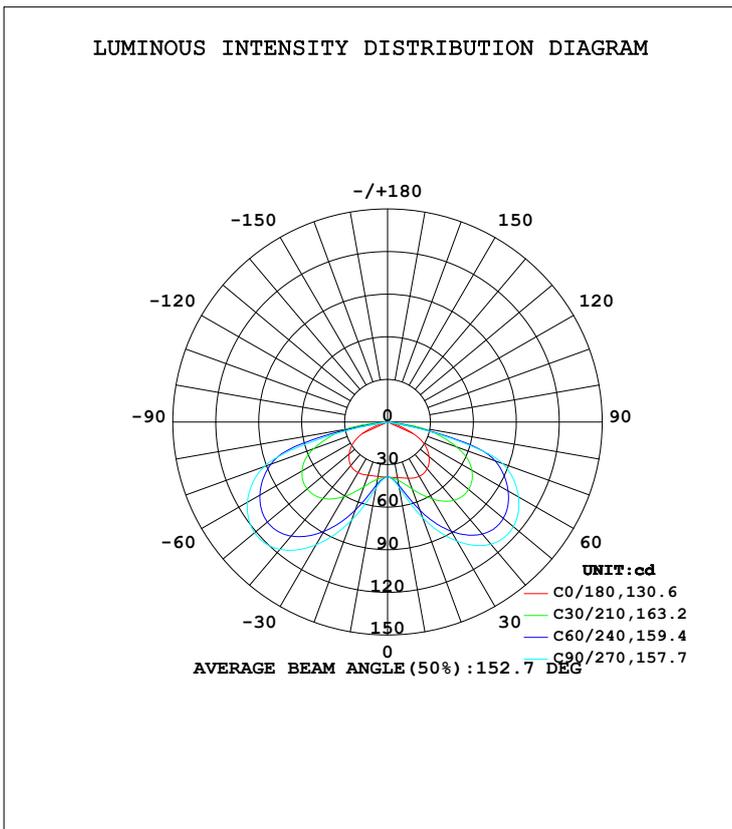


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.05V I:0.0891A P:19.930W PF:0.9717 Freq:50.00Hz Lamp Flux:357.864x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.65*0.28m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 17.96 lm/W			
MODEL	2085004-20W	I _{max} (cd)	121.5	S/MH (C0/180)	1.59
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	2.82
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	357.86	η UP, DN (C0-180)	0.0, 48.8
NOMINAL FLUX (lm)	357.864	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	39.81	43.41	46.75	42.21	38.94	42.93	47.54	43.53	0- 10	3.909	3.909	1.09,1.09
20	42.12	58.51	71.80	54.97	39.90	57.74	73.51	58.62	10- 20	14.23	18.14	5.07,5.07
30	44.23	77.64	96.79	73.09	41.24	76.42	99.72	77.67	20- 30	30.45	48.59	13.6,13.6
40	43.07	90.06	112.2	85.46	40.05	89.94	117.1	90.86	30- 40	49.73	98.32	27.5,27.5
50	37.87	92.78	114.7	88.76	35.09	94.52	121.3	94.69	40- 50	66.09	164.4	45.9,45.9
60	28.53	85.66	105.6	82.79	26.42	89.28	113.1	88.52	50- 60	74.24	238.6	66.7,66.7
70	10.42	70.54	85.51	69.26	11.11	75.57	91.82	73.27	60- 70	70.82	309.5	86.5,86.5
80	1.196	19.02	10.51	25.13	1.494	30.16	13.10	21.85	70- 80	44.27	353.7	98.8,98.8
90	0	0.0720	0.0924	0.3052	0.3038	0.2845	0.0693	0.0631	80- 90	4.122	357.9	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0038	357.9	100,100
110	0	0	0	0	0	0	0	0	100-110	0	357.9	100,100
120	0	0	0	0	0	0	0	0	110-120	0	357.9	100,100
130	0	0	0	0	0	0	0	0	120-130	0	357.9	100,100
140	0	0	0	0	0	0	0	0	130-140	0	357.9	100,100
150	0	0	0	0	0	0	0	0	140-150	0	357.9	100,100
160	0	0	0	0	0	0	0	0	150-160	0	357.9	100,100
170	0	0	0	0	0	0	0	0	160-170	0	357.9	100,100
180	0	0	0	0	0	0	0	0	170-180	0	357.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

0 - 45 DEG Zonal Flux:129.73 %lum: 36.3%

135 - 180 DEG Zonal Flux:0 %lum: 0.0%

All measured values may vary less than 35 %

from the average measured value in the 0 to 130 deg. zone: 26.0%

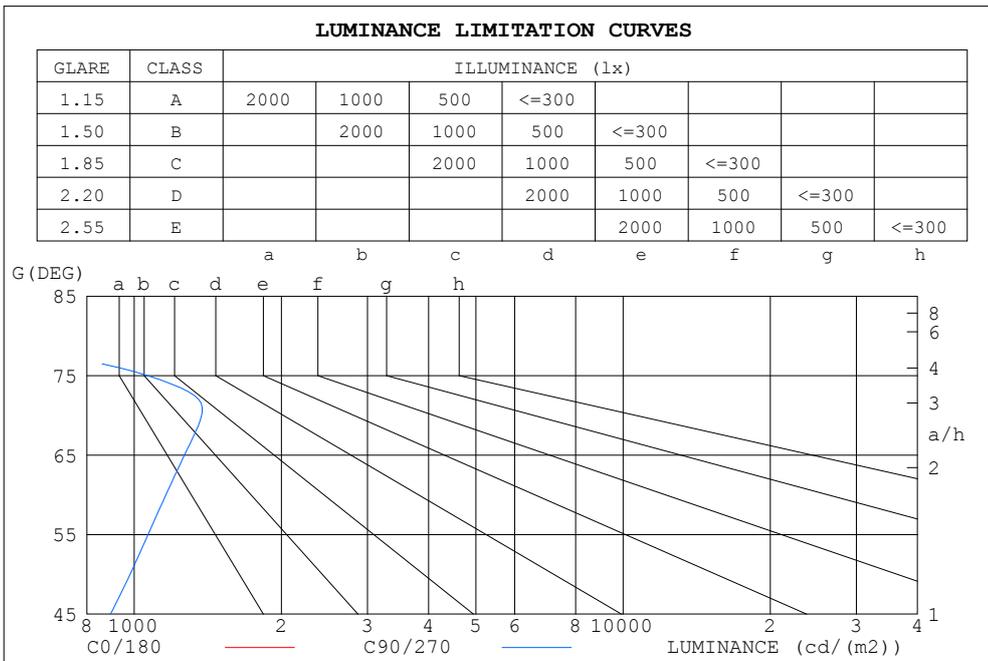
All measured values in the 0 to 130 deg. zone

may vary less than 50% from the average value of itself: 29.9%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%

LUMINANCE LIMITATION CURVES



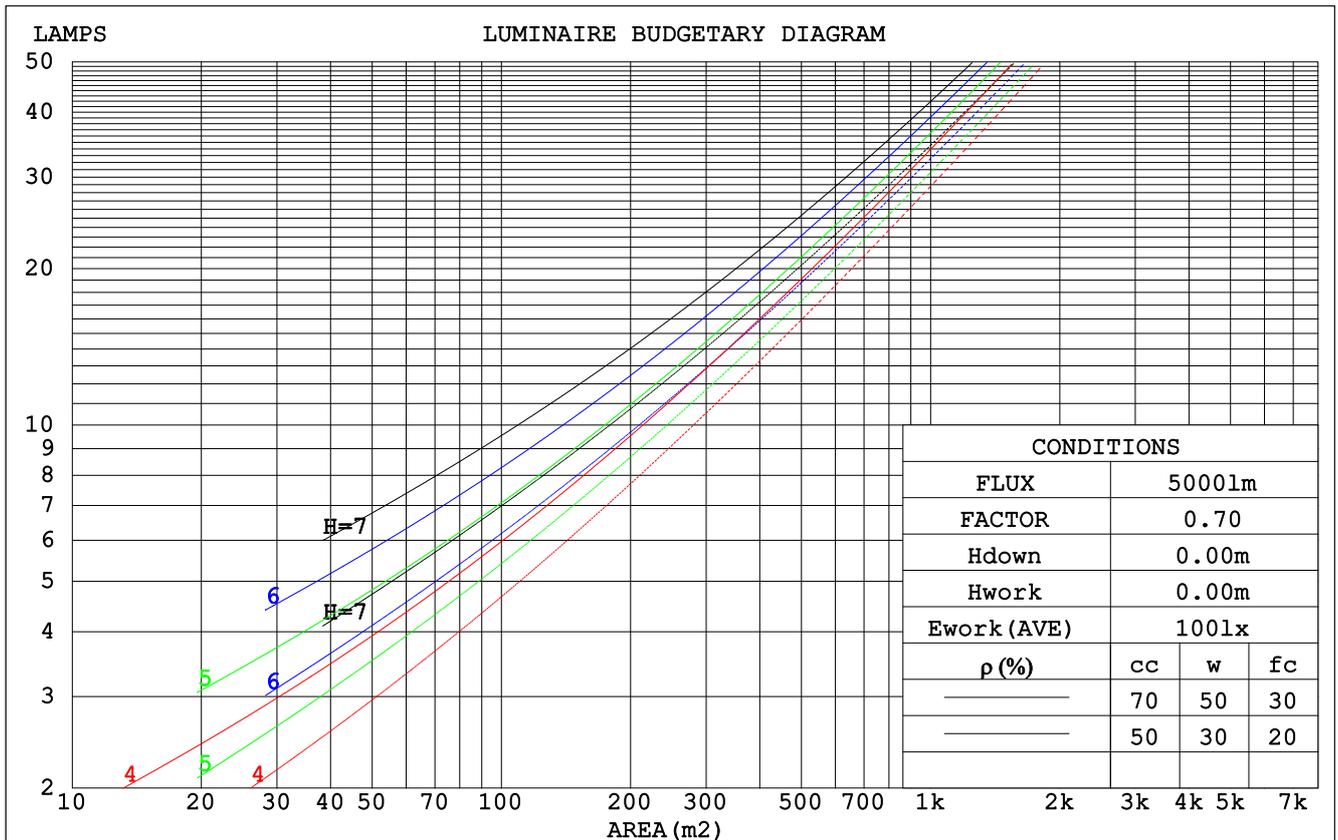
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	20	7
80	38	333
75	69	1066
70	167	1374
65	264	1267
60	313	1161
55	324	1067
50	324	980
45	318	894

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						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	.00
1.0	1.01	.96	.92	.99	.94	.90	.95	.91	.87	.91	.87	.85	.87	.84	.82	.80
2.0	.85	.77	.70	.83	.76	.69	.80	.73	.68	.76	.71	.66	.73	.69	.65	.62
3.0	.72	.63	.55	.71	.62	.55	.68	.60	.54	.65	.58	.53	.62	.56	.52	.49
4.0	.62	.52	.44	.61	.51	.44	.58	.50	.43	.56	.49	.43	.53	.47	.42	.40
5.0	.54	.44	.36	.53	.43	.36	.51	.42	.36	.49	.41	.35	.47	.40	.35	.32
6.0	.48	.38	.30	.47	.37	.30	.45	.36	.30	.43	.35	.30	.41	.35	.29	.27
7.0	.43	.33	.26	.42	.32	.26	.40	.32	.25	.39	.31	.25	.37	.30	.25	.23
8.0	.38	.29	.22	.38	.28	.22	.36	.28	.22	.35	.27	.22	.34	.27	.22	.19
9.0	.35	.26	.19	.34	.25	.19	.33	.25	.19	.32	.24	.19	.31	.24	.19	.17
10.0	.32	.23	.17	.31	.23	.17	.30	.22	.17	.29	.22	.17	.28	.21	.17	.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%

WEC AND CCEC

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	.360	.205	.065	.353	.202	.064	.340	.195	.062	.327	.189	.061	.316	.183	.059	
2.0	.342	.188	.058	.336	.185	.057	.324	.180	.056	.312	.175	.055	.302	.171	.054	
3.0	.314	.167	.050	.309	.165	.050	.298	.161	.049	.288	.158	.048	.278	.154	.048	
4.0	.287	.149	.044	.282	.148	.044	.272	.144	.043	.263	.141	.043	.255	.138	.042	
5.0	.263	.134	.039	.258	.132	.039	.249	.130	.038	.241	.127	.038	.234	.125	.038	
6.0	.241	.121	.035	.237	.120	.034	.229	.118	.034	.222	.115	.034	.215	.113	.034	
7.0	.222	.110	.031	.219	.109	.031	.212	.107	.031	.205	.105	.031	.199	.104	.030	
8.0	.206	.101	.028	.203	.100	.028	.197	.098	.028	.191	.097	.028	.185	.095	.028	
9.0	.192	.093	.026	.189	.092	.026	.183	.091	.026	.178	.089	.026	.173	.088	.025	
10.0	.179	.086	.024	.177	.085	.024	.172	.084	.024	.167	.083	.024	.162	.082	.023	

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	.184	.156	.130	.157	.134	.112	.108	.092	.078	.062	.053	.045	.020	.017	.015	
2.0	.179	.132	.092	.153	.113	.079	.105	.078	.055	.061	.046	.032	.019	.015	.011	
3.0	.173	.115	.068	.148	.099	.059	.102	.069	.041	.059	.040	.024	.019	.013	.008	
4.0	.166	.102	.053	.143	.088	.046	.098	.061	.032	.057	.036	.019	.018	.012	.006	
5.0	.159	.092	.042	.137	.079	.037	.094	.056	.026	.054	.033	.015	.018	.011	.005	
6.0	.152	.084	.035	.130	.073	.031	.090	.051	.022	.052	.030	.013	.017	.010	.004	
7.0	.144	.077	.030	.124	.067	.026	.086	.047	.019	.050	.028	.011	.016	.009	.004	
8.0	.137	.071	.026	.118	.062	.023	.082	.043	.016	.048	.026	.010	.015	.008	.003	
9.0	.131	.066	.023	.113	.058	.020	.078	.041	.014	.045	.024	.009	.015	.008	.003	
10.0	.124	.062	.021	.107	.054	.018	.074	.038	.013	.043	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%

UGR(Unified Glare Rating) Table

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	10.4	12.1	10.6	12.3	12.6	14.8	16.6	15.1	16.8	17.0
3H	11.5	13.1	11.8	13.3	13.6	17.4	19.0	17.7	19.3	19.5
4H	11.7	13.2	12.0	13.5	13.8	18.2	19.8	18.5	20.0	20.3
6H	11.7	13.2	12.1	13.5	13.8	18.3	19.8	18.7	20.1	20.4
8H	11.7	13.1	12.0	13.4	13.7	18.3	19.7	18.6	20.0	20.3
12H	11.6	13.0	12.0	13.3	13.6	18.2	19.6	18.6	19.9	20.2
4H 2H	12.6	14.1	12.9	14.4	14.7	15.4	17.0	15.7	17.2	17.5
3H	14.1	15.5	14.5	15.8	16.1	18.3	19.6	18.6	19.9	20.2
4H	14.5	15.8	14.9	16.1	16.5	19.2	20.4	19.6	20.8	21.1
6H	14.7	15.9	15.2	16.2	16.6	19.3	20.4	19.7	20.8	21.2
8H	14.8	15.8	15.2	16.2	16.6	19.3	20.3	19.7	20.7	21.1
12H	14.7	15.7	15.2	16.1	16.5	19.3	20.2	19.7	20.6	21.0
8H 4H	15.7	16.7	16.1	17.1	17.5	19.4	20.4	19.8	20.8	21.2
6H	16.2	17.0	16.6	17.4	17.9	19.6	20.5	20.0	20.9	21.3
8H	16.2	17.0	16.7	17.4	17.9	19.6	20.3	20.0	20.8	21.2
12H	16.2	16.9	16.7	17.3	17.8	19.5	20.2	20.0	20.7	21.1
12H 4H	15.7	16.7	16.2	17.1	17.5	19.4	20.3	19.8	20.7	21.1
6H	16.2	17.0	16.7	17.4	17.8	19.6	20.4	20.1	20.8	21.3
8H	16.3	16.9	16.8	17.4	17.9	19.6	20.2	20.1	20.7	21.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.6 / - 0.9					+ 0.1 / - 0.3				

CIE Pub.117, 357.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.6)
 Area: 0.182 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%

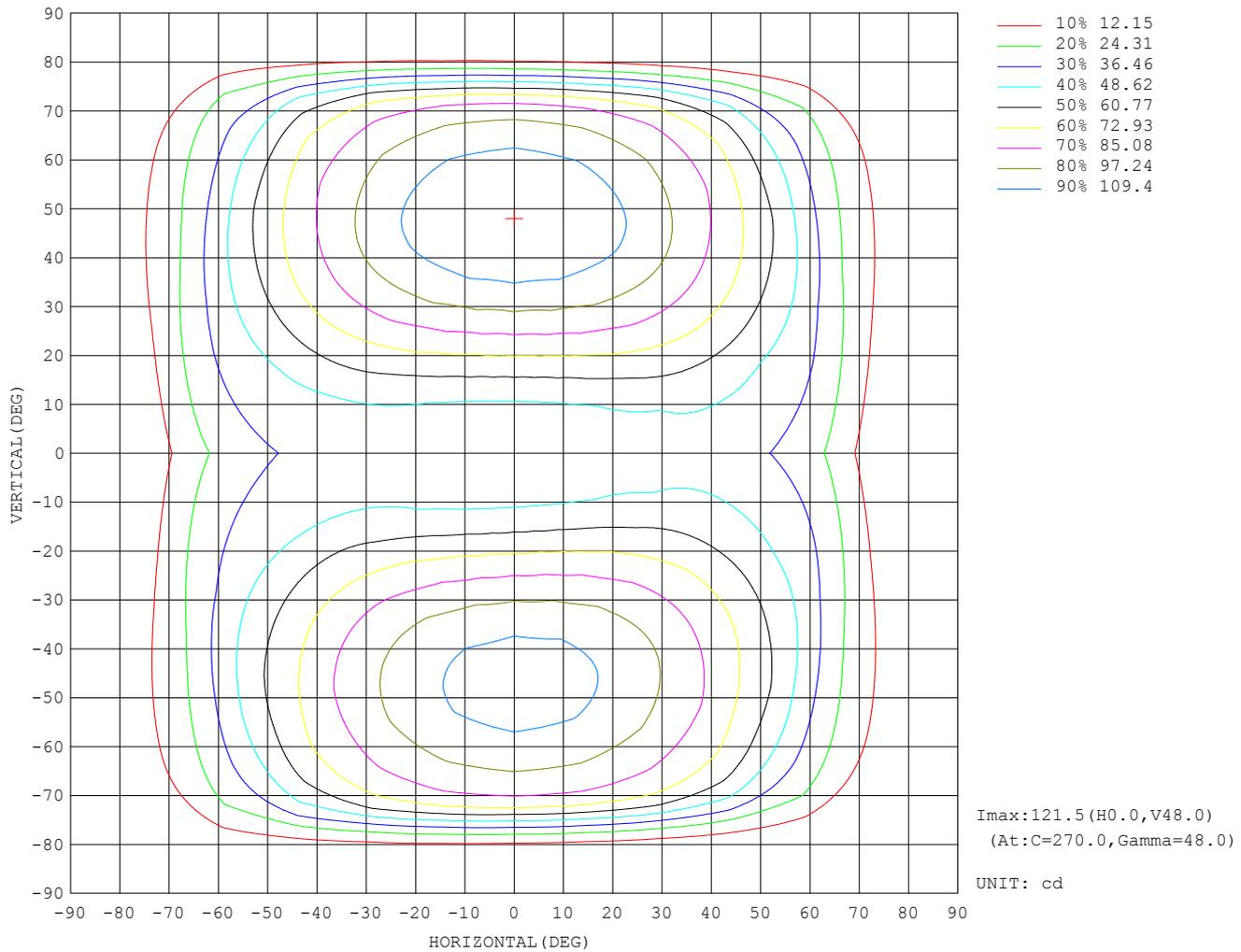
UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	48	34	26	47	34	26	46	34	26	19
0.80	58	44	36	57	44	35	55	43	35	27
1.00	67	54	45	66	53	45	63	55	44	36
1.25	75	62	54	73	62	53	70	60	52	44
1.50	81	69	60	79	68	60	76	66	59	50
2.00	89	79	71	87	78	70	83	75	69	60
2.50	94	85	78	92	83	77	88	81	75	66
3.00	98	90	84	96	89	82	92	86	80	71
4.00	103	97	91	101	95	90	97	91	87	78
5.00	107	101	96	104	99	95	99	95	91	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

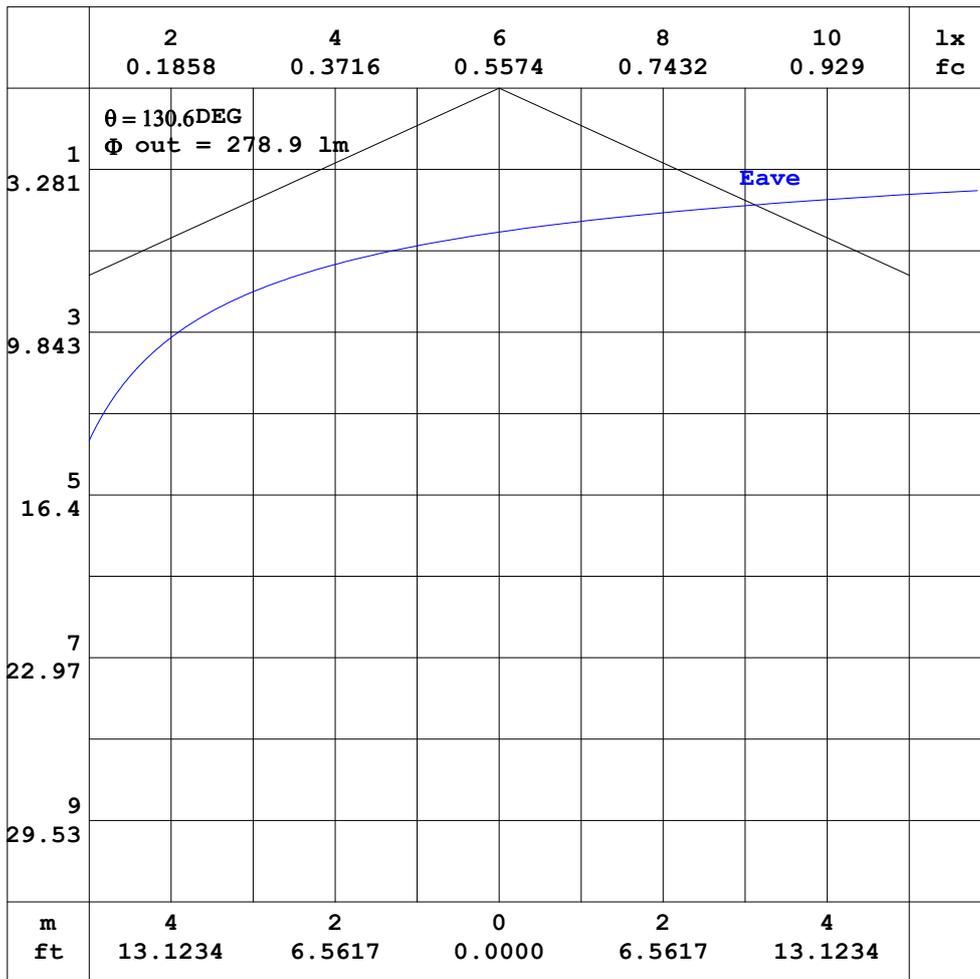
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

AAI CURVES

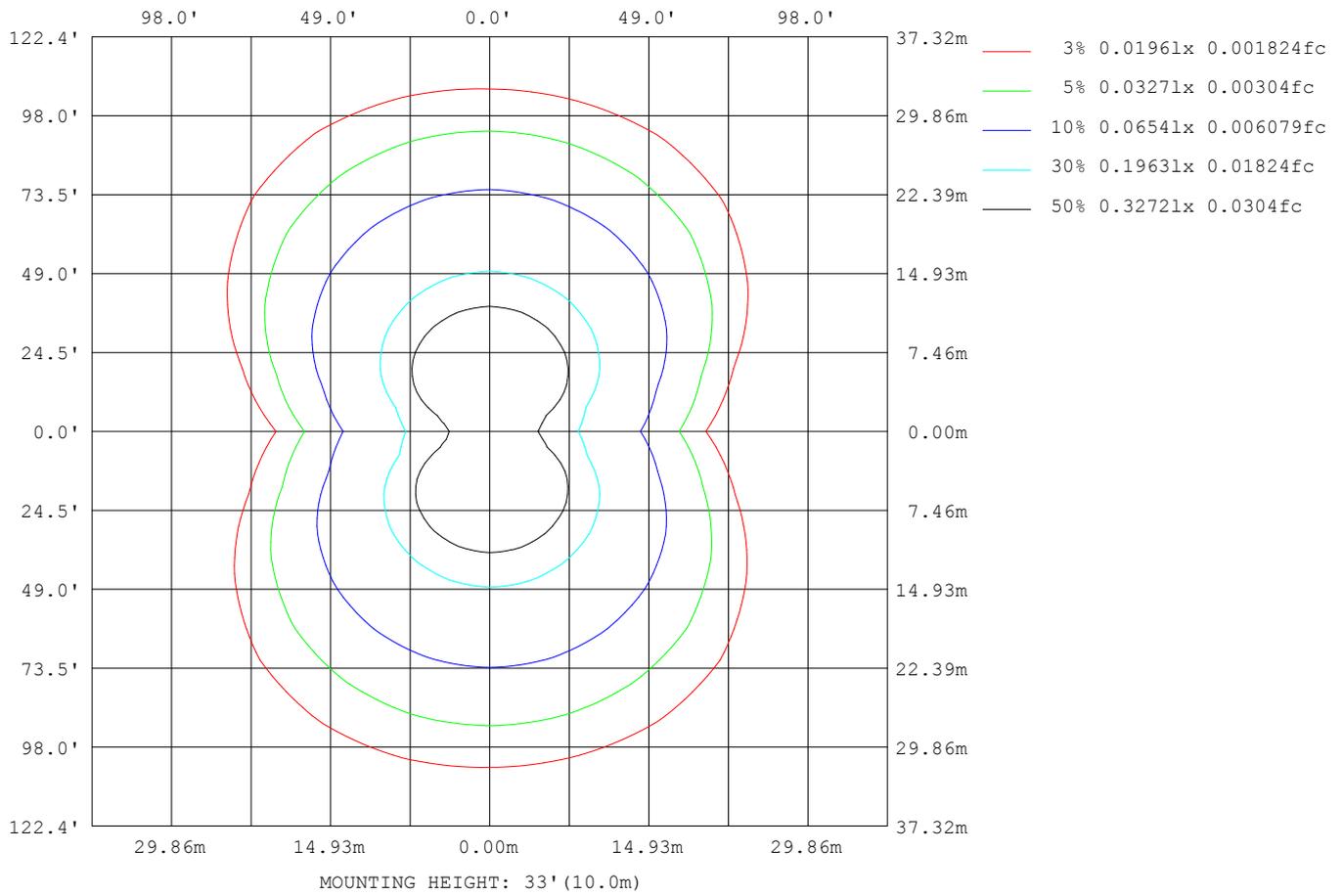


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

LED Avg.L Report

Test:U:230.05V I:0.0891A P:19.930W PF:0.9717 Freq:50.00Hz		
Lamp Flux:357.864x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.65*0.28m	Shielding Angle:

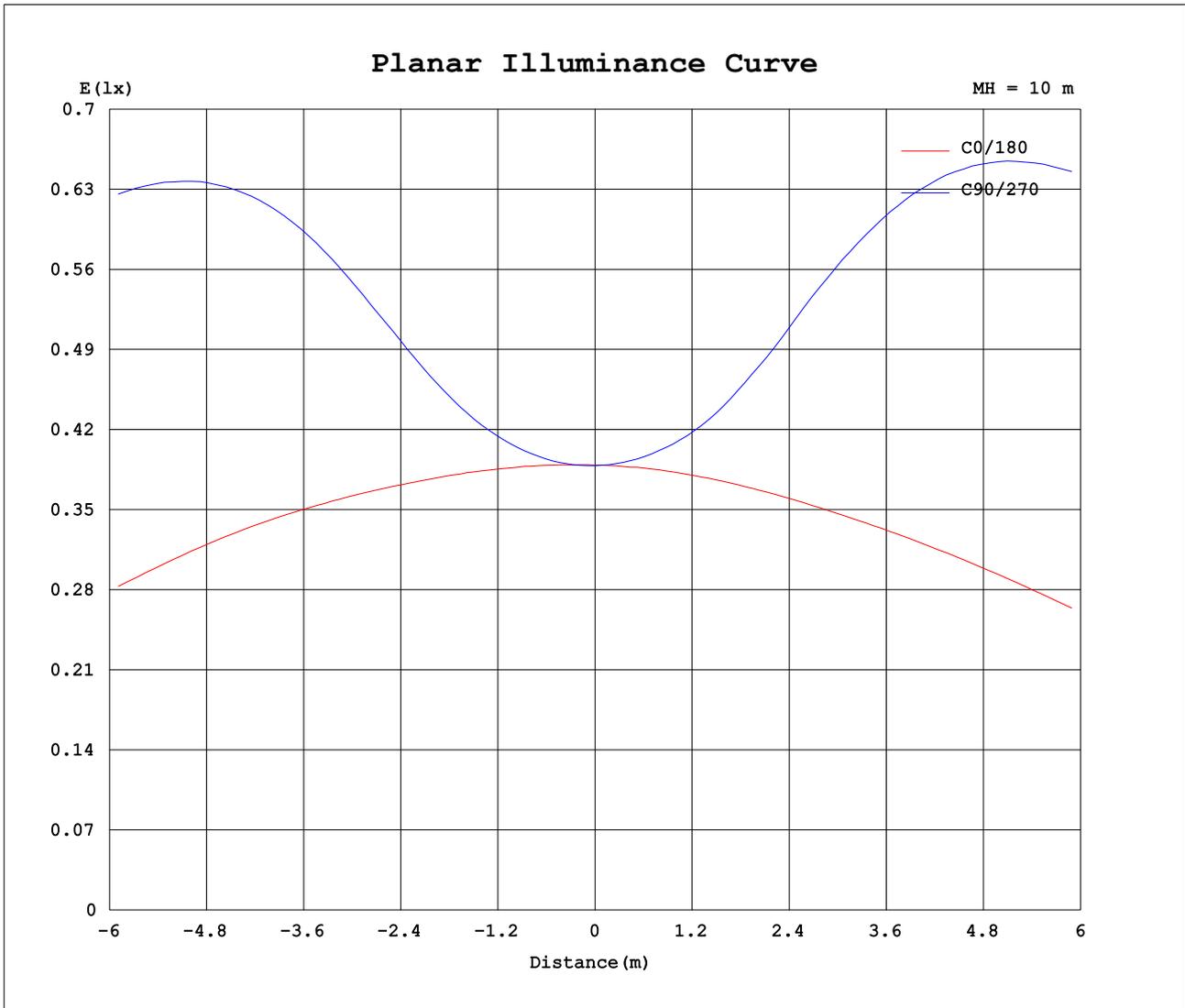
AvgL	cd/m2
L_0~180 (65) av	260
L_0~180 (75) av	74
L_0~180 (85) av	23
L_90~270 (65) av	1314
L_90~270 (75) av	1140
L_90~270 (85) av	6
L_45 (65) av	1046
L_45 (75) av	1198
L_45 (85) av	56

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Wang Keshun
 Test Date: 2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity: 50.0%
 Test Distance: 2.651m [K=1.0000]
 Remarks: THD: 16.82%

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
5	39.2	39.3	39.6	40.0	40.4	40.6	40.6	40.4	40.0	39.5	39.1	38.8	38.8	39.0	39.3	39.8	40.3	40.7	40.9
10	39.8	40.3	41.6	43.4	45.2	46.5	46.8	45.9	44.3	42.2	40.4	39.1	38.9	39.5	40.9	42.9	45.1	46.8	47.5
15	40.8	42.0	45.2	49.7	54.1	57.2	57.8	56.1	52.3	47.3	42.8	39.9	39.2	40.5	43.9	49.0	54.2	58.0	59.5
20	42.1	44.3	50.3	58.5	66.0	70.7	71.8	69.3	63.4	55.0	46.6	41.2	39.9	42.1	48.6	57.7	66.0	71.5	73.5
25	43.5	46.8	56.3	68.5	78.2	83.8	85.1	82.2	75.1	64.1	51.6	43.0	40.7	44.1	54.4	67.3	78.0	84.8	87.4
30	44.2	49.0	62.5	77.6	88.8	95.3	96.8	93.5	85.5	73.1	57.2	44.6	41.2	46.1	60.6	76.4	88.9	96.9	99.7
35	44.1	50.6	68.1	84.9	97.2	104	106	102	93.9	80.3	62.5	45.7	41.1	47.7	66.1	84.1	98.1	107	110
40	43.1	51.5	72.0	90.1	103	110	112	109	99.8	85.5	66.5	46.1	40.1	48.7	70.2	89.9	105	114	117
45	41.0	51.5	74.0	92.7	106	113	115	112	103	88.3	68.6	45.8	38.0	49.1	72.7	93.5	109	118	121
50	37.9	50.8	73.9	92.8	106	113	115	112	103	88.8	68.9	44.9	35.1	48.6	73.4	94.5	110	118	121
55	33.8	48.9	72.0	90.3	103	110	111	109	100	86.8	67.3	43.3	31.3	47.0	72.2	93.1	108	116	119
60	28.5	45.4	68.1	85.7	97.3	104	106	103	95.6	82.8	64.1	40.5	26.4	44.0	69.1	89.3	103	111	113
65	20.3	38.6	61.8	79.2	89.9	95.7	97.5	95.3	88.8	77.0	58.8	35.4	19.7	38.7	63.8	83.5	96.2	103	105
70	10.4	28.6	51.2	70.5	79.9	84.3	85.5	84.4	79.5	69.3	50.0	27.2	11.1	30.5	54.9	75.6	86.7	91.4	91.8
75	3.25	19.3	38.3	53.4	55.5	51.0	50.2	53.8	59.8	55.1	38.9	18.9	3.74	21.5	42.9	61.4	67.2	61.1	57.2
80	1.20	12.1	23.2	19.0	13.9	10.8	10.5	12.9	17.7	25.1	26.6	13.0	1.49	15.0	30.1	30.2	22.3	16.0	13.1
85	0.31	1.58	1.23	0.35	0.15	0.12	0.11	0.13	0.24	1.12	3.76	4.30	0.40	5.17	4.85	1.48	0.37	0.13	0.09
90	0.00	0.00	0.04	0.07	0.07	0.09	0.09	0.10	0.19	0.31	0.38	0.48	0.30	0.00	0.27	0.28	0.23	0.12	0.07
95	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	0.00
100	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	0.00
105	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	0.00
110	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	0.00
115	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	0.00
120	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	0.00
125	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	0.00
130	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	0.00
135	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	0.00
140	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	0.00
145	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	0.00
150	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	0.00
155	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	0.00
160	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	0.00
165	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	0.00
170	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	0.00
175	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	0.00
180	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	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345															
0	38.9	38.9	38.9	38.9	38.9															
5	40.8	40.6	40.2	39.7	39.4															
10	47.0	45.5	43.5	41.7	40.3															
15	58.2	54.6	49.7	44.9	41.9															
20	71.7	66.5	58.6	49.8	44.0															
25	85.2	78.7	68.5	55.9	46.3															
30	97.3	89.8	77.7	62.2	48.3															
35	107	98.8	85.3	67.6	49.8															
40	114	105	90.9	71.5	50.5															
45	118	109	94.1	73.7	50.5															
50	118	110	94.7	74.0	49.6															
55	116	107	92.8	72.3	47.5															
60	110	102	88.5	68.7	44.1															
65	102	95.0	82.3	62.7	37.5															
70	89.7	84.5	73.3	52.0	27.7															
75	57.4	60.6	55.8	39.0	18.6															
80	13.4	16.7	21.9	24.5	12.1															
85	0.10	0.20	0.57	1.67	1.93															
90	0.06	0.06	0.06	0.02	0.00															
95	0.00	0.00	0.00	0.00	0.00															
100	0.00	0.00	0.00	0.00	0.00															
105	0.00	0.00	0.00	0.00	0.00															
110	0.00	0.00	0.00	0.00	0.00															
115	0.00	0.00	0.00	0.00	0.00															
120	0.00	0.00	0.00	0.00	0.00															
125	0.00	0.00	0.00	0.00	0.00															
130	0.00	0.00	0.00	0.00	0.00															
135	0.00	0.00	0.00	0.00	0.00															
140	0.00	0.00	0.00	0.00	0.00															
145	0.00	0.00	0.00	0.00	0.00															
150	0.00	0.00	0.00	0.00	0.00															
155	0.00	0.00	0.00	0.00	0.00															
160	0.00	0.00	0.00	0.00	0.00															
165	0.00	0.00	0.00	0.00	0.00															
170	0.00	0.00	0.00	0.00	0.00															
175	0.00	0.00	0.00	0.00	0.00															
180	0.00	0.00	0.00	0.00	0.00															

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Wang Keshun
 Test Date:2023-04-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.442T2
 Humidity:50.0%
 Test Distance:2.651m [K=1.0000]
 Remarks: THD:16.82%