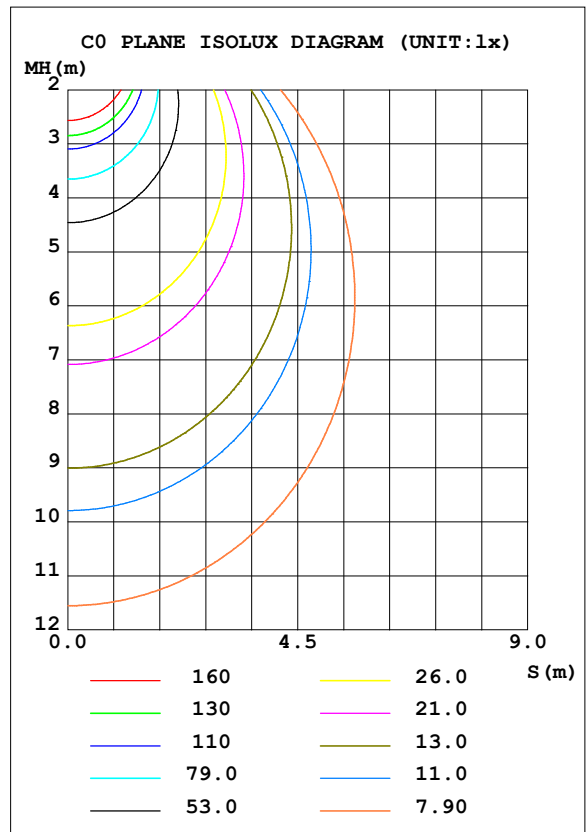
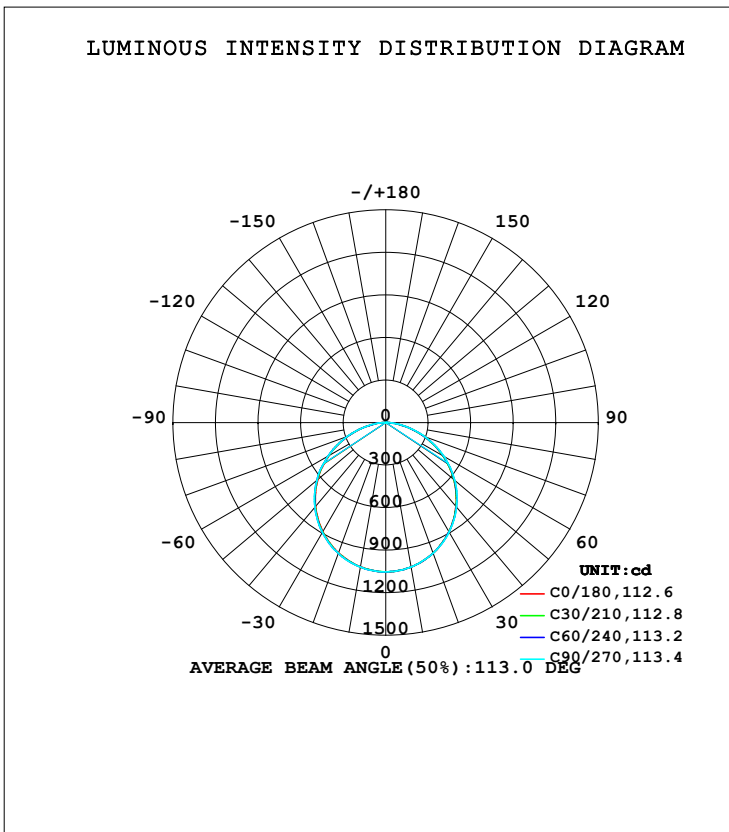


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.72 lm/W			
MODEL		I _{max} (cd)	1053	S/MH (C0/180)	1.26
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)		TOTAL FLUX (lm)	3030.9	η UP, DN (C0-180)	0.1, 50.3
NOMINAL FLUX (lm)	3030.87	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.5
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1317]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

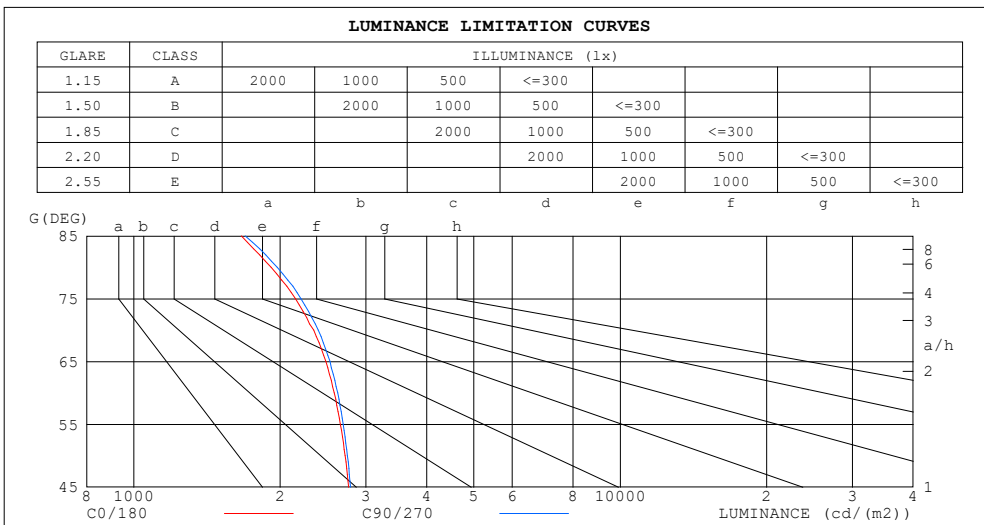
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1034	1034	1034	1035	1033	1034	1035	1033	0- 10	99.58	99.58	3.29,3.29
20	979.3	980.5	980.0	982.4	977.0	979.2	981.0	977.0	10- 20	285.3	384.9	12.7,12.7
30	890.3	892.7	893.3	896.4	888.3	891.4	894.6	887.2	20- 30	433.0	817.9	27,27
40	771.6	775.6	777.8	781.2	770.4	774.2	778.3	768.3	30- 40	523.3	1341	44.3,44.3
50	628.0	633.7	636.3	640.9	627.2	631.2	636.0	623.6	40- 50	544.6	1886	62.2,62.2
60	464.1	468.5	472.7	477.0	461.5	466.6	467.8	457.7	50- 60	493.0	2379	78.5,78.5
70	288.1	291.4	295.1	300.5	285.7	286.8	288.4	277.5	60- 70	374.8	2754	90.9,90.9
80	119.5	122.2	123.4	129.8	117.6	115.6	115.8	108.2	70- 80	212.9	2967	97.9,97.9
90	4.154	6.034	5.118	8.993	3.138	3.681	3.655	3.553	80- 90	58.92	3025	99.8,99.8
100	5.605	5.933	6.330	6.021	4.586	4.877	5.186	4.771	90-100	5.107	3031	100,100
110	0	0	0	0	0	0	0	0	100-110	0.2915	3031	100,100
120	0	0	0	0	0	0	0	0	110-120	0	3031	100,100
130	0	0	0	0	0	0	0	0	120-130	0	3031	100,100
140	0	0	0	0	0	0	0	0	130-140	0	3031	100,100
150	0	0	0	0	0	0	0	0	140-150	0	3031	100,100
160	0	0	0	0	0	0	0	0	150-160	0	3031	100,100
170	0	0	0	0	0	0	0	0	160-170	0	3031	100,100
180	0	0	0	0	0	0	0	0	170-180	0	3031	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1665	1695
80	1915	1973
75	2149	2208
70	2344	2396
65	2483	2530
60	2582	2625
55	2660	2696
50	2718	2748
45	2765	2789

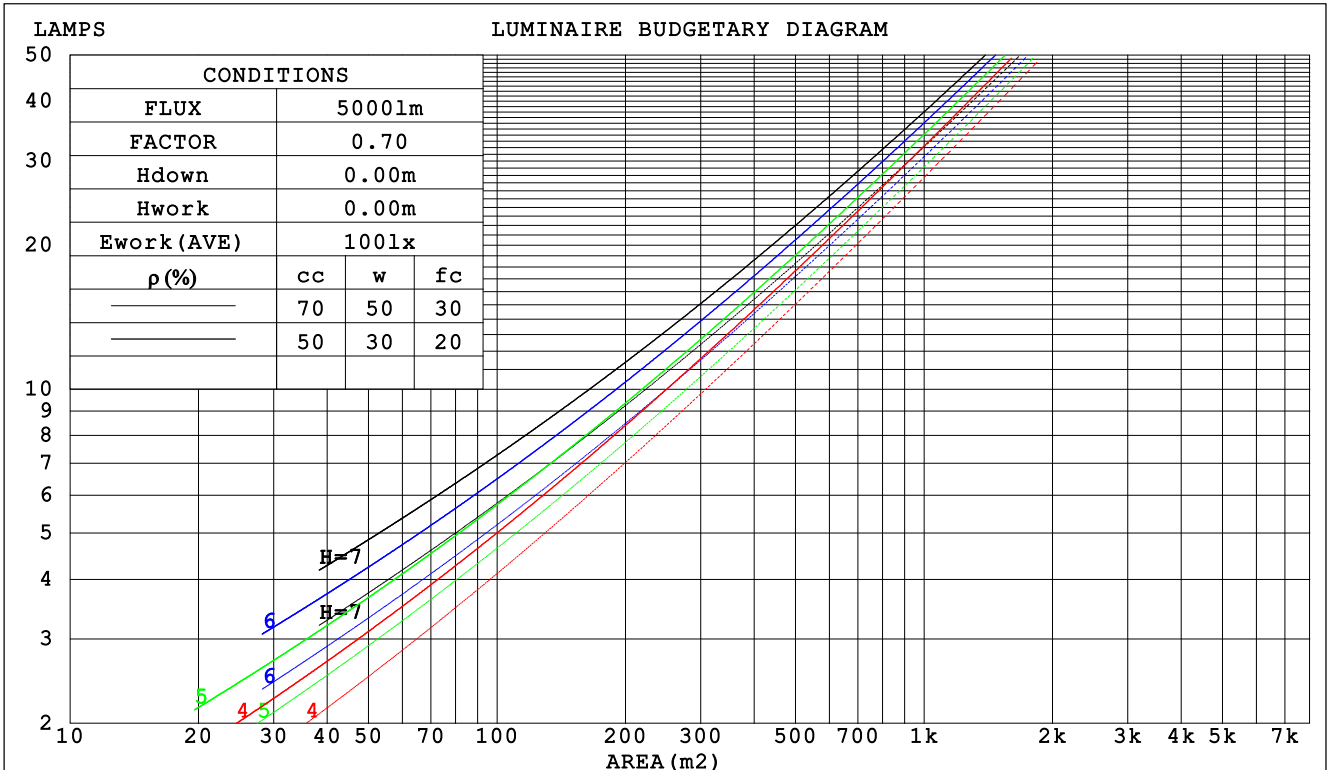
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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															
	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	1.04	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

WEC AND CCEC

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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	.311	.177	.056	.304	.173	.055	.290	.167	.053	.278	.160	.051	.267	.155	.050	
2.0	.293	.160	.049	.286	.158	.049	.274	.153	.047	.264	.148	.046	.253	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.098	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.136	.156	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.099	.149	.115	.086	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.116	.076	.142	.100	.066	.098	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.060	.136	.088	.052	.093	.062	.036	.054	.036	.022	.017	.012	.007	
5.0	.151	.092	.048	.130	.080	.042	.089	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.040	.124	.072	.035	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.137	.077	.035	.118	.067	.030	.081	.047	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.062	.026	.078	.043	.019	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.027	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.102	.054	.021	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm										
NAME: 600*600mm 28W 4000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding 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	16.3	17.8	16.5	18.0	18.2	16.3	17.9	16.6	18.1	18.3
3H	17.8	19.2	18.1	19.4	19.7	17.9	19.3	18.2	19.5	19.8
4H	18.4	19.7	18.7	20.0	20.2	18.5	19.8	18.8	20.1	20.3
6H	18.8	20.1	19.1	20.3	20.6	18.9	20.2	19.2	20.4	20.7
8H	18.9	20.1	19.3	20.4	20.7	19.0	20.3	19.4	20.5	20.8
12H	19.0	20.2	19.4	20.5	20.8	19.1	20.3	19.5	20.6	20.9
4H 2H	16.9	18.2	17.2	18.5	18.8	16.9	18.3	17.3	18.5	18.8
3H	18.6	19.8	18.9	20.1	20.4	18.7	19.8	19.0	20.1	20.4
4H	19.3	20.4	19.7	20.7	21.0	19.4	20.5	19.8	20.8	21.1
6H	19.8	20.8	20.2	21.1	21.5	19.9	20.9	20.3	21.2	21.6
8H	20.0	20.9	20.4	21.3	21.7	20.1	21.0	20.5	21.4	21.8
12H	20.2	21.0	20.6	21.4	21.8	20.3	21.1	20.7	21.5	21.9
8H 4H	19.6	20.5	20.0	20.8	21.2	19.6	20.5	20.1	20.9	21.3
6H	20.3	21.0	20.7	21.4	21.8	20.3	21.1	20.8	21.5	21.9
8H	20.5	21.2	21.0	21.6	22.1	20.6	21.3	21.1	21.7	22.2
12H	20.7	21.3	21.2	21.7	22.2	20.8	21.4	21.3	21.8	22.3
12H 4H	19.6	20.4	20.0	20.8	21.2	19.6	20.5	20.1	20.9	21.3
6H	20.3	21.0	20.8	21.4	21.8	20.4	21.1	20.9	21.5	21.9
8H	20.6	21.2	21.1	21.6	22.1	20.7	21.3	21.2	21.7	22.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 3031 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.9)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

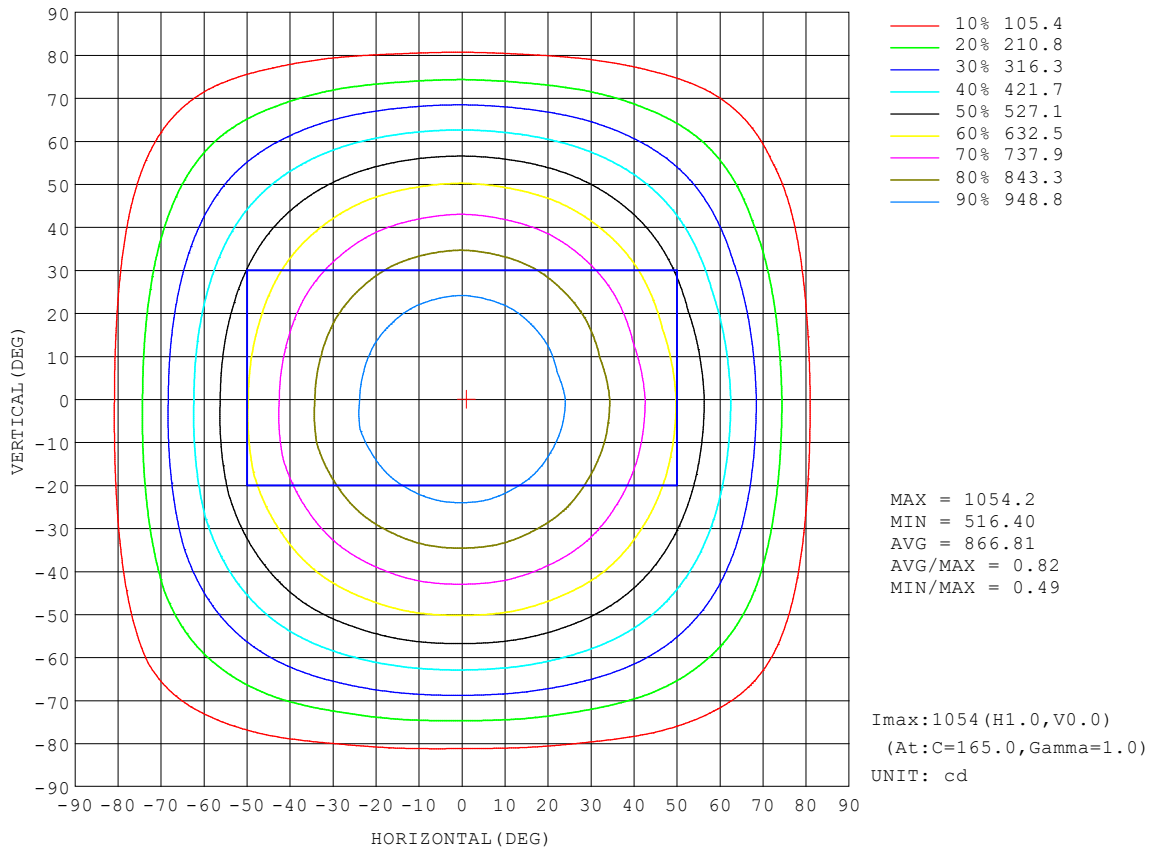
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	70
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	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: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

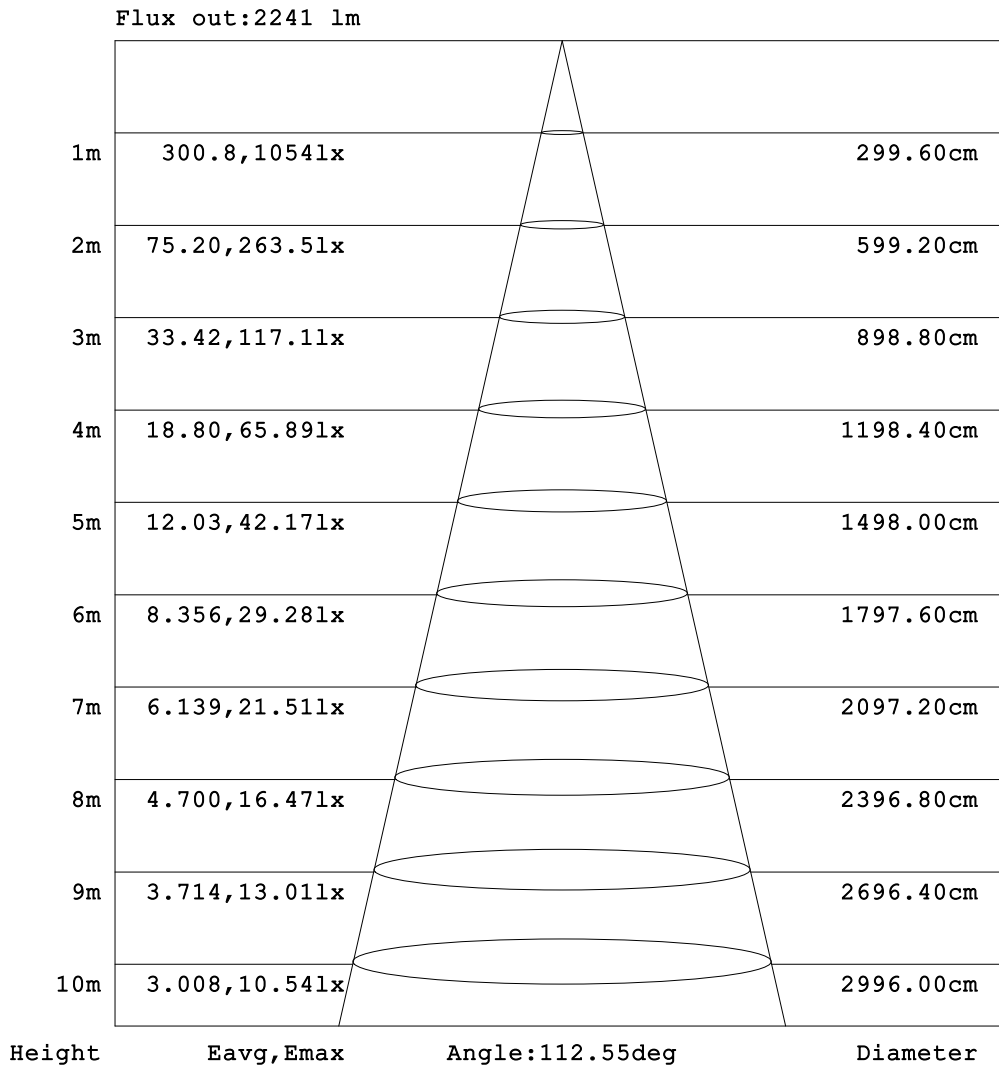


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

AAI Figure

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



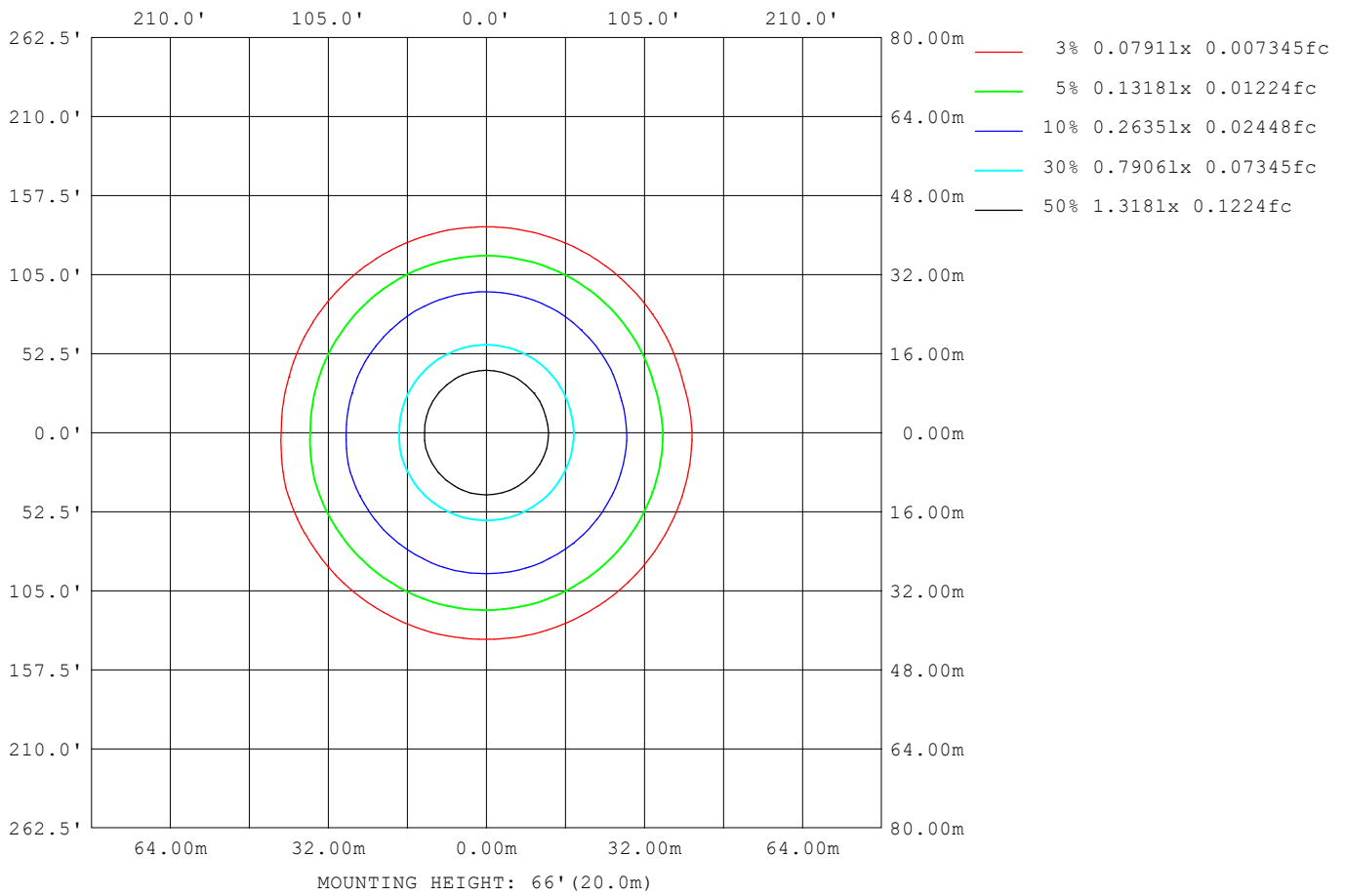
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1317]
 Remarks:

ISOLUX DIAGRAM

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

LED Avg.L Report

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

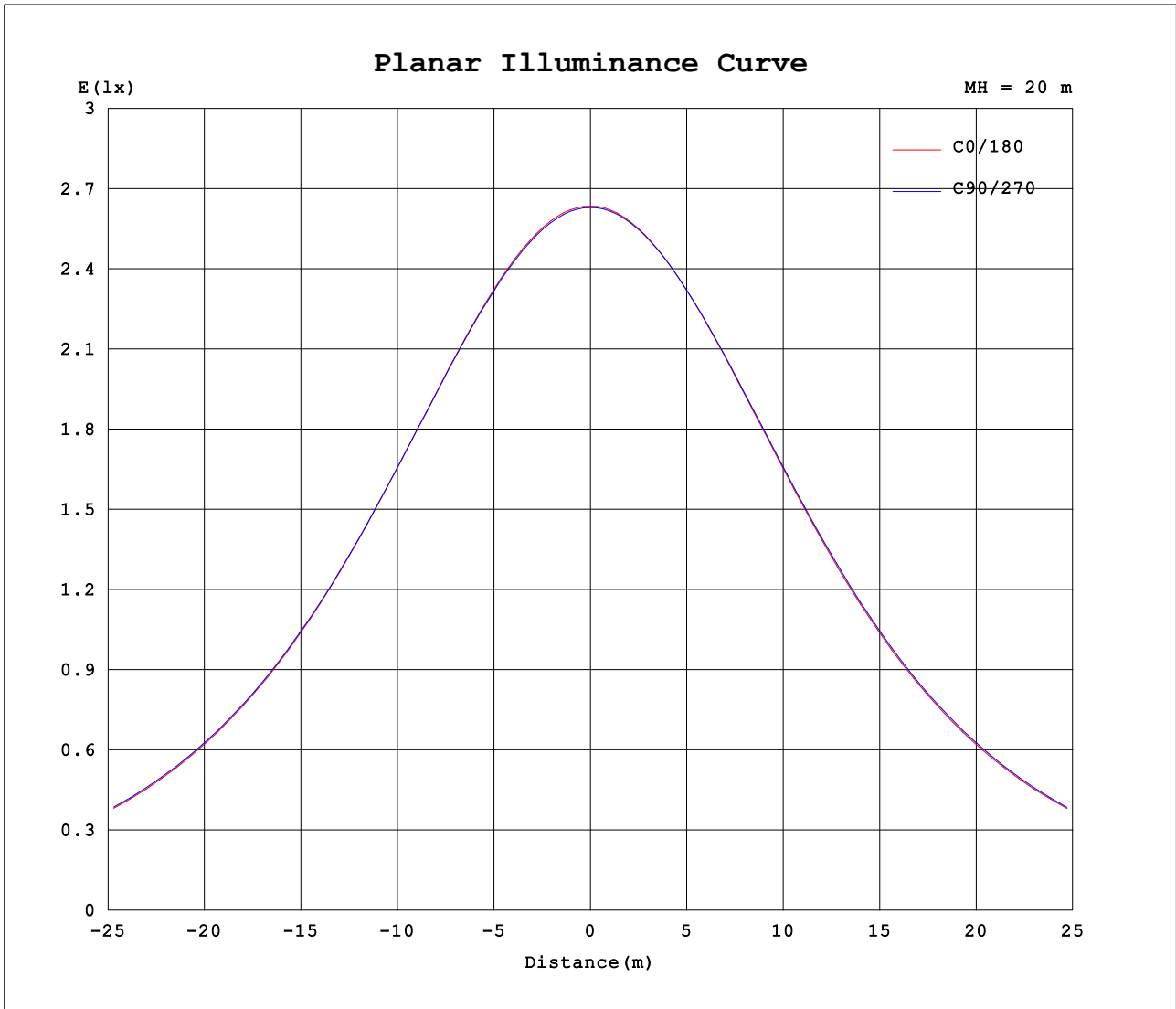
AvgL	cd/m2
L_0~180 (65) av	2471
L_0~180 (75) av	2138
L_0~180 (85) av	1631
L_90~270 (65) av	2512
L_90~270 (75) av	2171
L_90~270 (85) av	1589
L_45 (65) av	2493
L_45 (75) av	2153
L_45 (85) av	1615

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YU
 Test Date: 2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1317]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

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	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052	1052
5	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1049	1049	1047	1047	1047	1048	1048	1048	1048
10	1034	1035	1034	1034	1034	1034	1034	1034	1034	1035	1035	1036	1033	1033	1033	1034	1035	1034	1035
15	1011	1011	1011	1012	1011	1012	1011	1012	1011	1013	1013	1015	1010	1009	1011	1011	1012	1012	1012
20	979	980	979	981	980	980	980	981	981	982	983	984	977	977	979	979	981	980	981
25	938	939	939	940	940	941	941	942	941	943	943	946	937	936	939	939	942	941	942
30	890	891	890	893	892	894	893	895	894	896	896	899	888	888	891	891	894	893	895
35	834	836	835	838	837	840	839	841	840	842	842	845	832	832	836	836	839	838	840
40	772	773	772	776	776	779	778	780	779	781	780	784	770	770	774	774	778	777	778
45	703	705	703	708	707	711	710	713	711	714	713	716	701	701	705	706	709	709	710
50	628	630	629	634	634	638	636	640	638	641	639	643	627	626	631	631	635	634	636
55	548	551	550	555	554	558	557	561	559	562	561	565	548	546	552	551	556	553	556
60	464	465	465	469	469	472	473	475	475	477	477	480	461	462	465	467	468	468	468
65	377	378	379	381	382	385	385	387	387	390	391	393	375	375	378	378	380	379	379
70	288	289	289	291	292	295	295	298	298	300	302	305	286	285	288	287	289	288	288
75	200	202	200	204	203	207	206	209	208	212	212	217	198	197	200	198	200	197	199
80	120	122	120	122	121	124	123	127	126	130	130	135	118	116	118	116	117	115	116
85	52.1	53.8	51.6	53.6	51.9	54.3	53.2	56.2	55.8	59.5	59.6	63.6	50.2	48.8	49.9	47.5	48.3	45.6	46.5
90	4.15	4.98	5.04	6.03	5.58	5.39	5.12	5.92	6.94	8.99	9.42	11.3	3.14	3.34	3.55	3.68	3.78	3.74	3.66
95	4.73	4.84	4.90	5.14	5.25	5.47	5.47	5.48	5.29	5.16	4.87	4.72	3.82	3.80	4.01	4.08	4.27	4.31	4.44
100	5.60	5.70	5.75	5.93	6.15	6.25	6.33	6.33	6.17	6.02	5.76	5.58	4.59	4.58	4.75	4.88	5.01	5.04	5.19
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:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.30V I:0.1320A P:28.400W PF:0.9720 Freq:50.00Hz Lamp Flux:3030.87x1 lm		
NAME: 600*600mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	1052	1052	1052	1052	1052														
5	1048	1047	1047	1047	1046														
10	1034	1034	1033	1032	1031														
15	1011	1011	1009	1009	1006														
20	980	979	977	976	972														
25	939	939	936	934	930														
30	892	891	887	885	881														
35	837	836	831	829	823														
40	775	774	768	766	759														
45	706	705	699	696	689														
50	632	630	624	621	614														
55	551	550	543	541	532														
60	465	462	458	453	447														
65	376	374	369	366	360														
70	284	283	277	276	269														
75	195	194	189	188	183														
80	112	112	108	108	104														
85	43.9	44.7	42.1	42.4	39.6														
90	3.70	3.64	3.55	3.42	3.25														
95	4.27	4.25	4.04	4.01	3.89														
100	5.05	4.94	4.77	4.74	4.65														
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:25.3DEG
 Operators:YU
 Test Date:2019-07-31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.1317]
 Remarks: