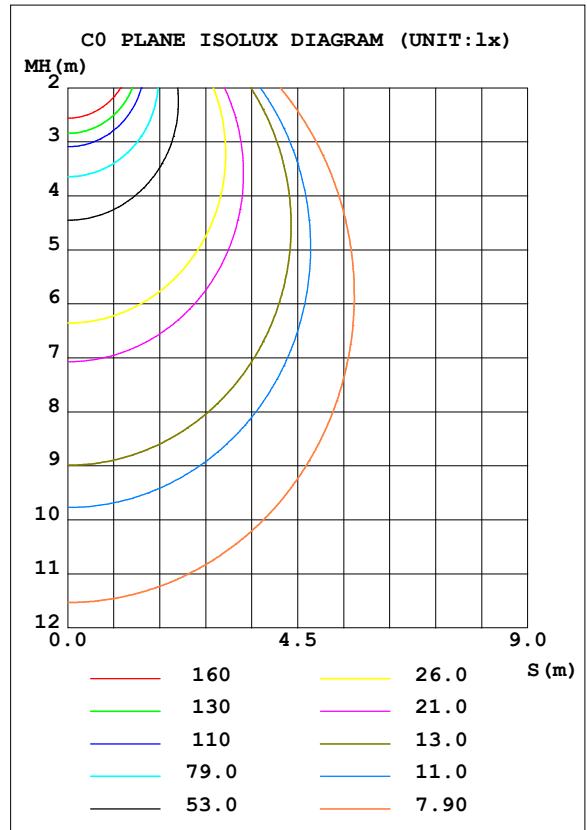
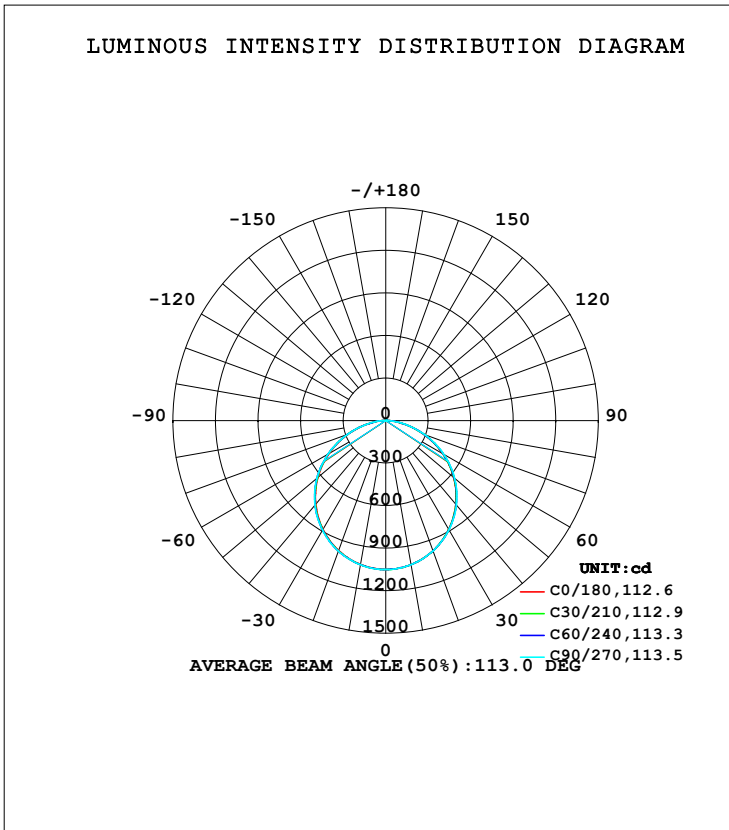


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.75 lm/W			
MODEL		I <sub>max</sub> (cd)	1050	S/MH (C0/180)	1.26
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)		TOTAL FLUX (lm)	3024.3	η UP, DN (C0-180)	0.1, 50.3
NOMINAL FLUX (lm)	3024.34	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=1.1316]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

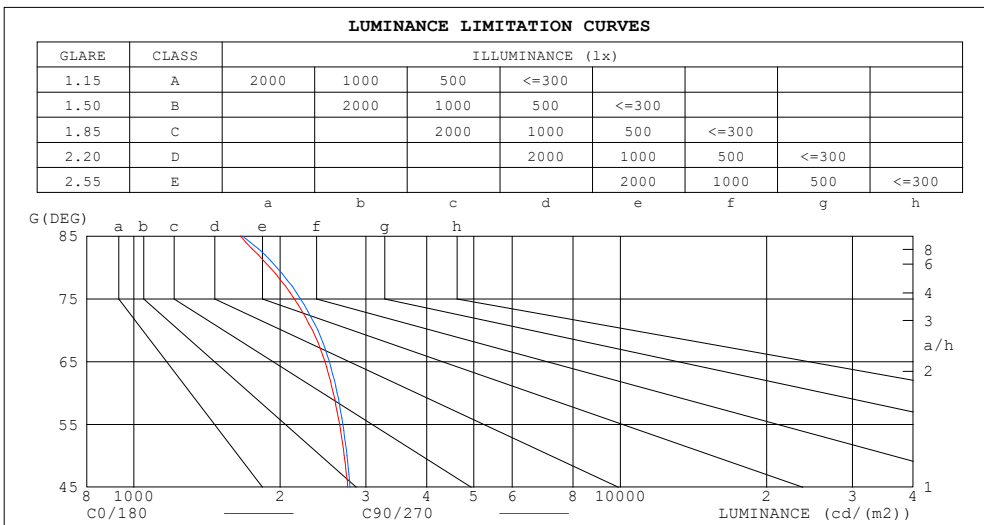
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1032	1032	1032	1033	1031	1031	1033	1031	0- 10	99.36	99.36	3.29,3.29
20	976.8	978.1	977.8	980.5	975.1	977.2	979.3	974.9	10- 20	284.7	384.1	12.7,12.7
30	888.1	890.6	891.5	894.7	886.4	889.3	892.9	885.7	20- 30	432.1	816.2	27,27
40	770.0	774.0	776.0	779.6	768.5	772.5	776.8	766.6	30- 40	522.2	1338	44.3,44.3
50	626.5	632.4	635.1	639.3	625.8	629.7	634.8	622.6	40- 50	543.5	1882	62.2,62.2
60	462.8	467.4	471.4	476.0	460.4	465.6	467.1	457.0	50- 60	492.0	2374	78.5,78.5
70	286.9	290.7	294.6	299.8	285.4	286.1	288.0	277.1	60- 70	373.9	2748	90.9,90.9
80	119.1	122.0	123.0	129.5	117.5	115.4	115.8	108.0	70- 80	212.4	2960	97.9,97.9
90	4.142	6.060	5.130	8.961	3.124	3.672	3.619	3.551	80- 90	58.78	3019	99.8,99.8
100	5.595	5.932	6.345	6.043	4.478	4.850	5.193	4.777	90-100	5.099	3024	100,100
110	0	0	0	0	0	0	0	0	100-110	0.2909	3024	100,100
120	0	0	0	0	0	0	0	0	110-120	0	3024	100,100
130	0	0	0	0	0	0	0	0	120-130	0	3024	100,100
140	0	0	0	0	0	0	0	0	130-140	0	3024	100,100
150	0	0	0	0	0	0	0	0	140-150	0	3024	100,100
160	0	0	0	0	0	0	0	0	150-160	0	3024	100,100
170	0	0	0	0	0	0	0	0	160-170	0	3024	100,100
180	0	0	0	0	0	0	0	0	170-180	0	3024	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=1.1316]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1656	1671
80	1905	1966
75	2137	2201
70	2330	2392
65	2471	2524
60	2571	2618
55	2649	2691
50	2707	2743
45	2754	2783

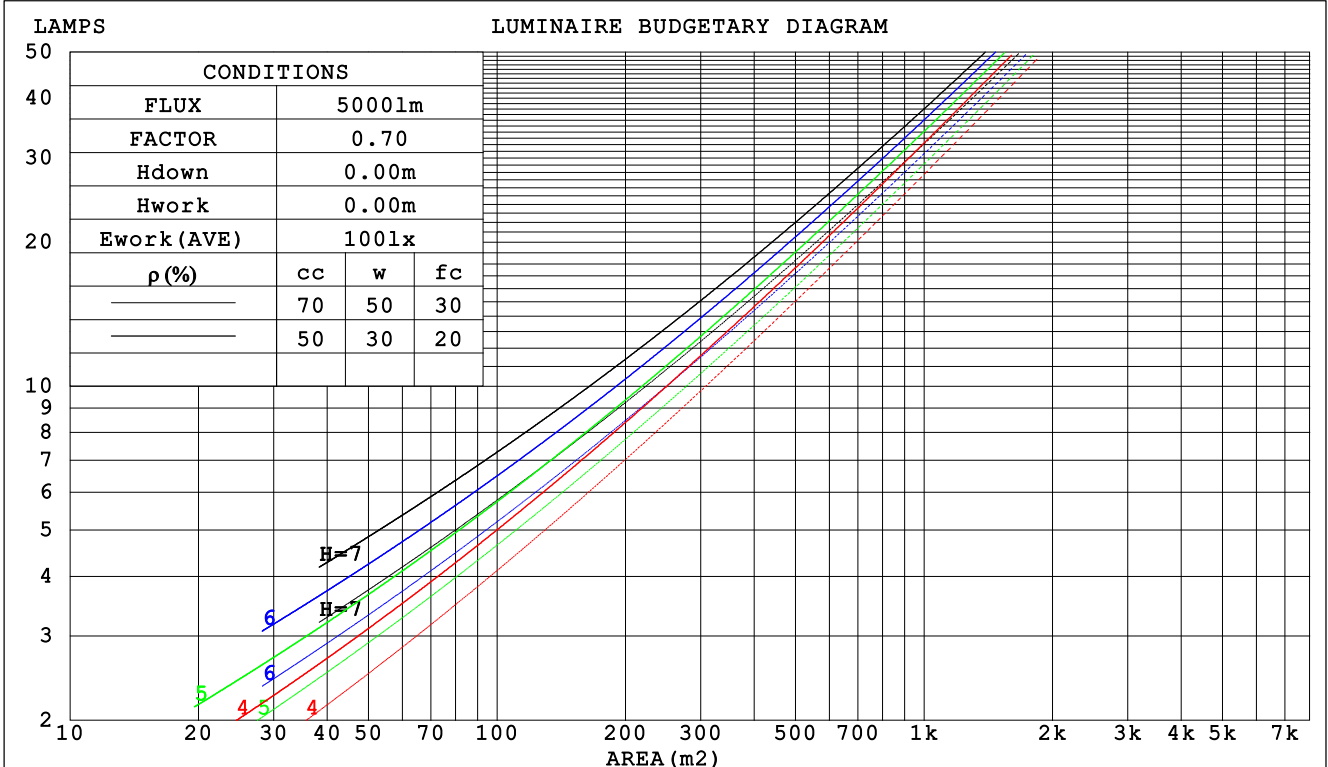
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:YU  
 Test Date:2019-07-31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.1316]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 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=1.1316]  
 Remarks:

WEC AND CCEC

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	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	.292	.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	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	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=1.1316]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm										
NAME: 300*1200mm 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	20.0	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	19.3	20.5	20.8	19.1	20.3	19.5	20.6	20.9
4H 2H	16.9	18.2	17.2	18.5	18.7	16.9	18.3	17.3	18.5	18.8
3H	18.6	19.7	18.9	20.0	20.3	18.6	19.8	19.0	20.1	20.4
4H	19.3	20.4	19.7	20.7	21.0	19.4	20.4	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	20.1	20.9	20.6	21.3	21.7	20.2	21.1	20.7	21.5	21.9
8H 4H	19.5	20.4	20.0	20.8	21.2	19.6	20.5	20.0	20.9	21.3
6H	20.2	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	22.0	20.6	21.3	21.1	21.7	22.1
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	20.8	21.3
6H	20.3	20.9	20.8	21.4	21.8	20.4	21.0	20.8	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, 3024 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.8)

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=1.1316]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

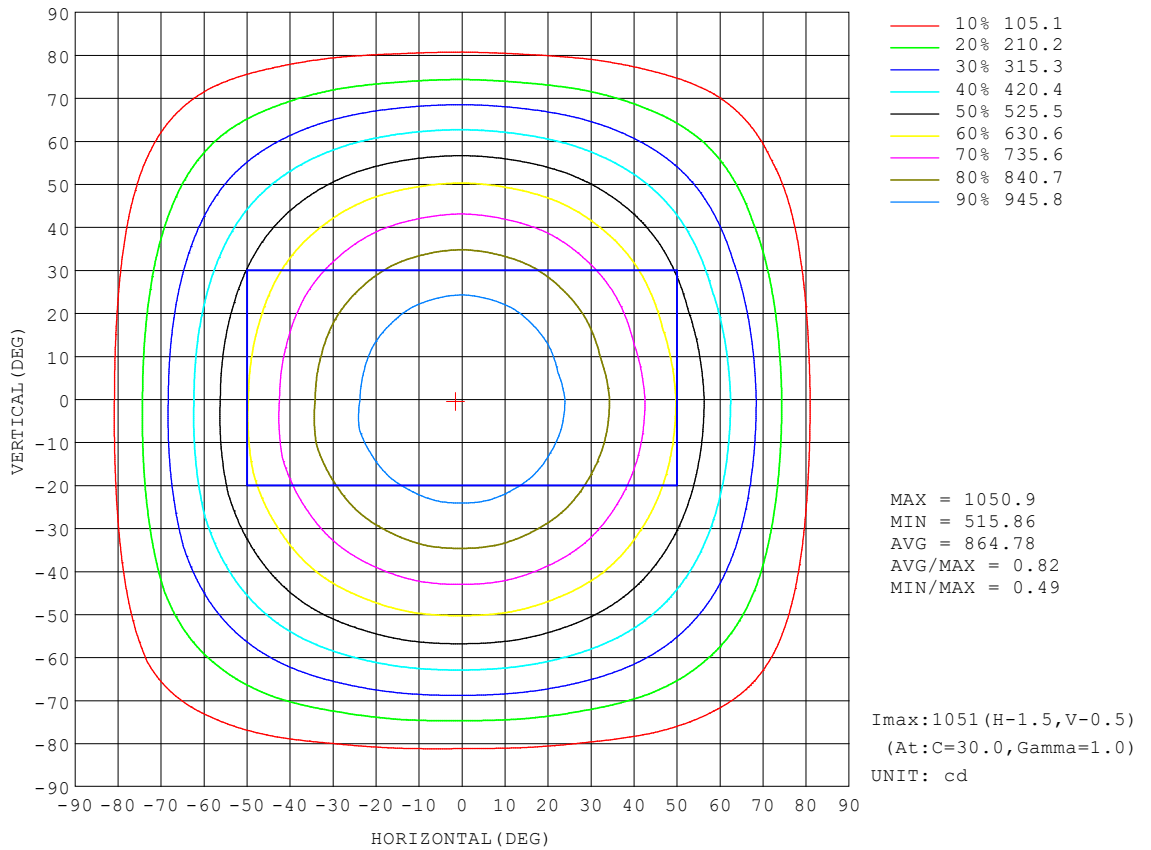
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	64	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

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.1316]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



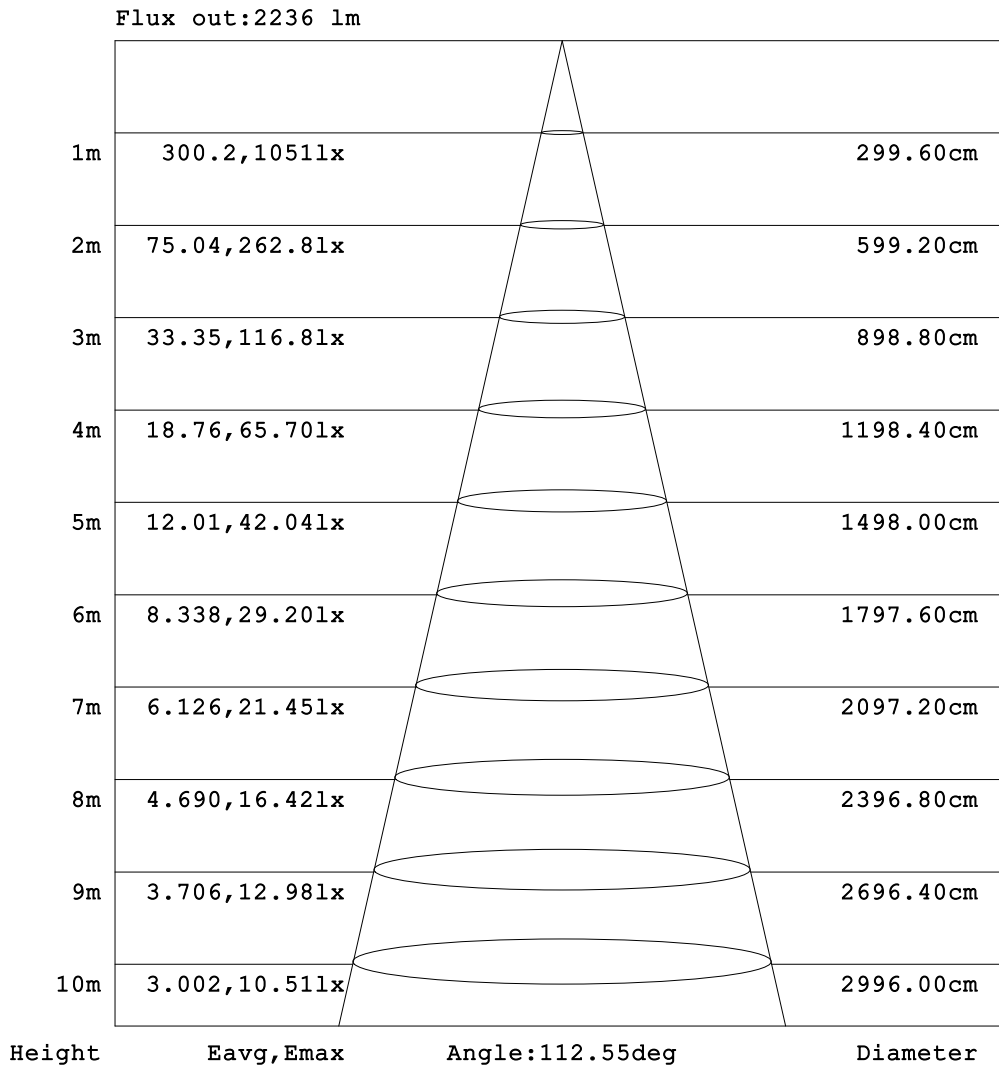
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:YU  
 Test Date:2019-07-31

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=1.1316]  
 Remarks:



AAI Figure

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



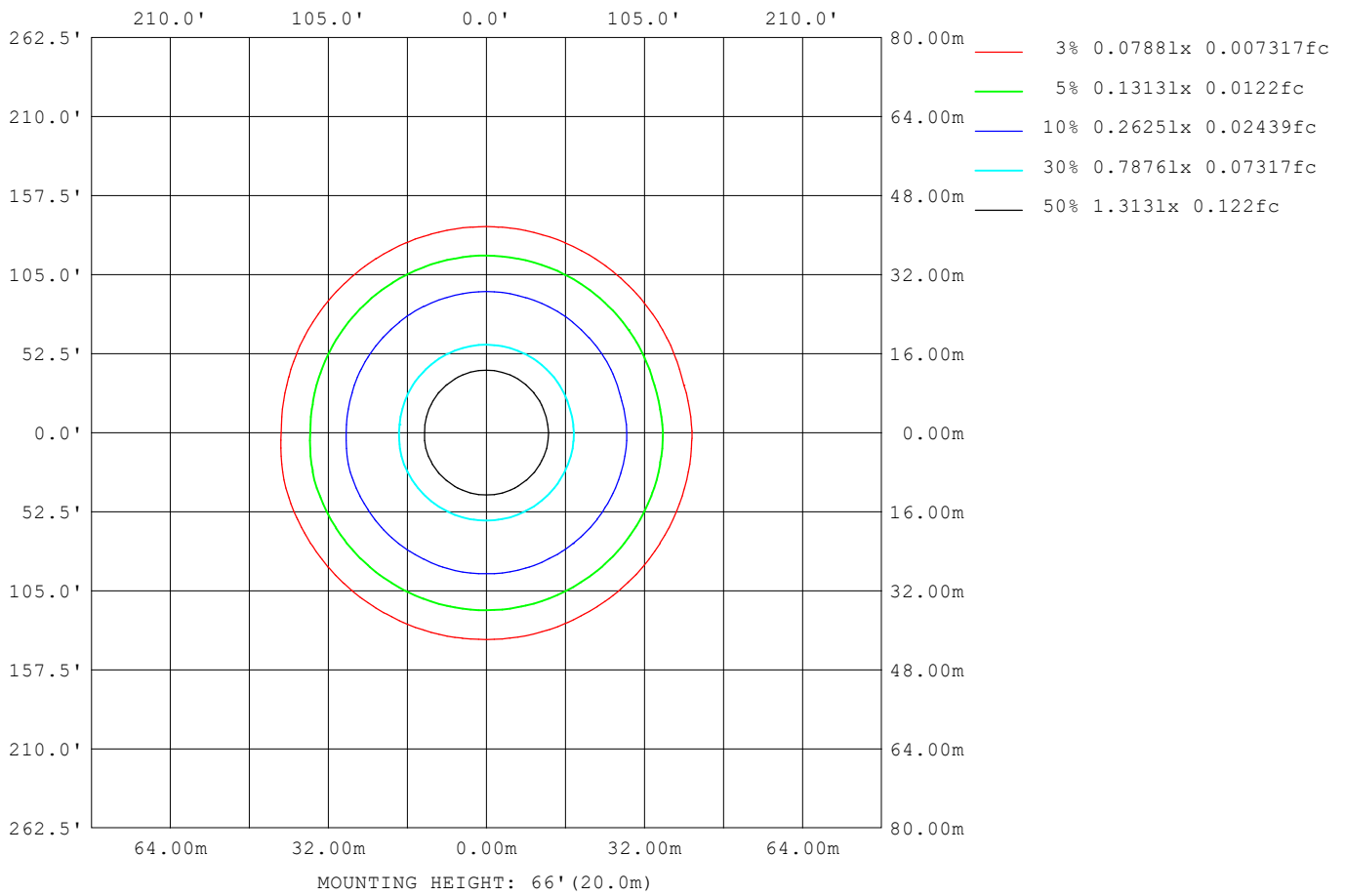
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.1316]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 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=1.1316]  
 Remarks:

**LED Avg.L Report**

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 28W 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

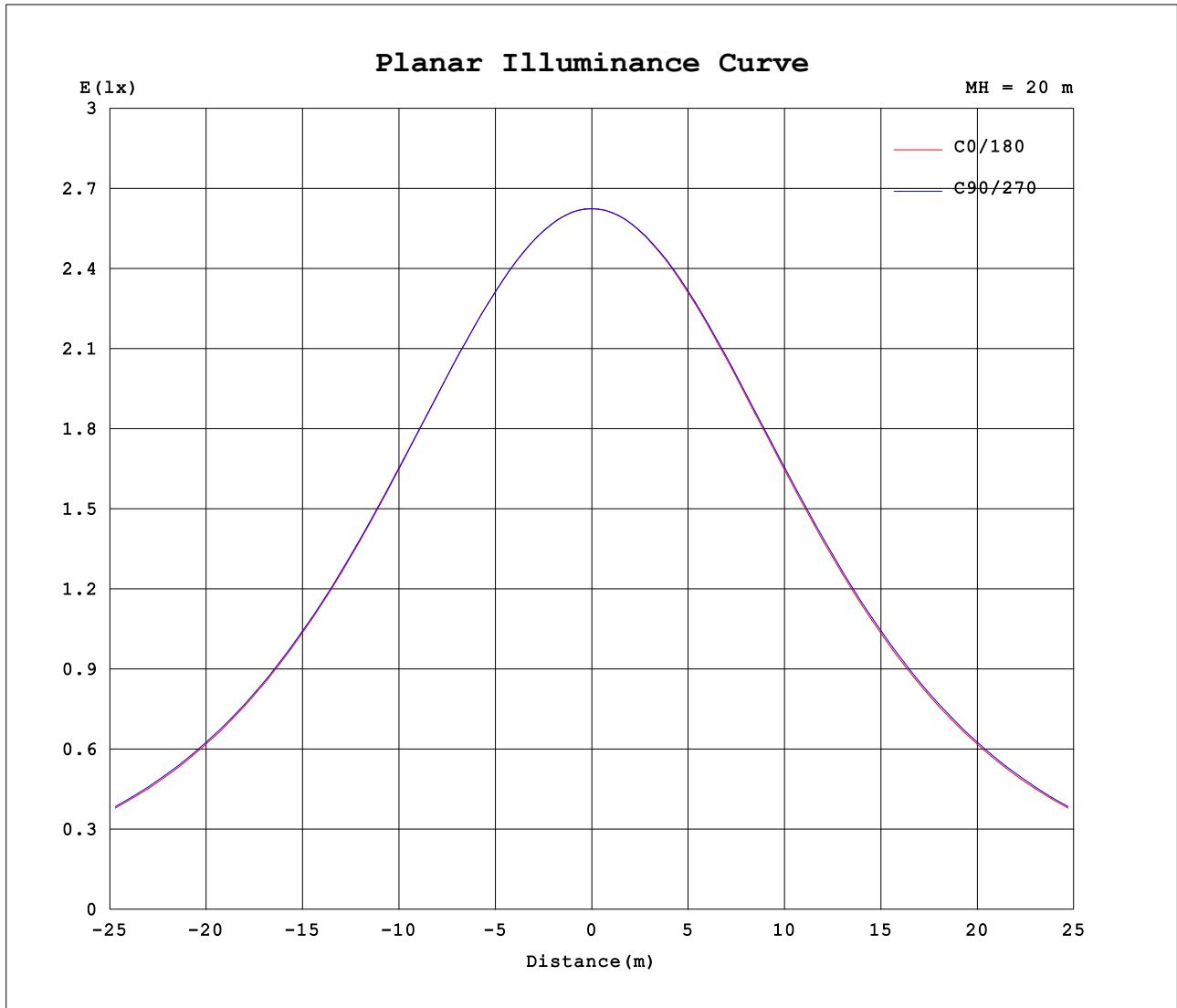
AvgL	cd/m2
L_0~180 (65) av	2464
L_0~180 (75) av	2133
L_0~180 (85) av	1629
L_90~270 (65) av	2507
L_90~270 (75) av	2167
L_90~270 (85) av	1577
L_45 (65) av	2489
L_45 (75) av	2149
L_45 (85) av	1612

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=1.1316]  
 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

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.1316]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 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	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
5	1046	1046	1046	1046	1045	1046	1045	1046	1046	1046	1046	1047	1045	1045	1046	1045	1046	1046	1046
10	1032	1032	1032	1032	1032	1032	1032	1032	1032	1033	1033	1034	1031	1030	1032	1031	1032	1032	1033
15	1009	1009	1009	1009	1009	1010	1009	1010	1010	1011	1011	1013	1007	1007	1009	1009	1010	1009	1010
20	977	977	977	978	977	979	978	979	978	980	980	982	975	974	977	977	979	978	979
25	936	937	937	938	937	939	938	940	939	942	941	944	935	934	937	937	939	939	940
30	888	889	889	891	890	892	891	893	892	895	894	897	886	886	890	889	892	891	893
35	832	834	833	836	835	838	837	839	838	841	839	843	831	830	834	834	838	837	838
40	770	771	771	774	774	777	776	779	777	780	778	782	769	768	772	772	776	775	777
45	701	703	702	706	706	710	709	712	709	712	711	715	700	699	704	704	708	707	709
50	626	629	628	632	632	636	635	639	637	639	637	642	626	625	630	630	634	633	635
55	547	550	549	554	553	557	556	559	558	561	559	564	547	545	551	550	555	552	555
60	463	464	465	467	468	471	471	473	473	476	476	479	460	461	464	466	467	467	467
65	376	377	378	380	381	384	384	387	386	389	390	392	374	374	377	377	379	378	379
70	287	288	288	291	291	294	295	297	297	300	301	304	285	284	288	286	289	287	288
75	199	202	200	203	202	206	205	209	208	212	212	217	198	197	200	197	200	197	199
80	119	121	119	122	121	124	123	126	125	129	129	134	117	116	118	115	117	115	116
85	52.0	53.6	51.3	53.5	51.6	54.2	52.4	56.1	55.0	59.3	59.0	63.6	50.3	48.7	49.9	47.4	48.3	45.5	46.5
90	4.14	5.02	4.87	6.06	5.56	5.39	5.13	5.91	6.81	8.96	9.31	11.3	3.12	3.33	3.59	3.67	3.85	3.76	3.62
95	4.74	4.85	4.89	5.13	5.23	5.47	5.48	5.47	5.28	5.17	4.88	4.72	3.80	3.80	4.01	4.06	4.28	4.29	4.41
100	5.60	5.63	5.74	5.93	6.15	6.25	6.35	6.34	6.16	6.04	5.76	5.58	4.48	4.59	4.74	4.85	4.99	5.05	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=1.1316]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.20V I:0.1330A P:28.600W PF:0.9720 Freq:50.00Hz Lamp Flux:3024.34x1 lm		
NAME: 300*1200mm 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	1050	1050	1050	1050	1050														
5	1045	1046	1045	1044	1044														
10	1032	1031	1031	1030	1028														
15	1009	1009	1007	1006	1004														
20	977	977	975	973	970														
25	938	937	934	933	928														
30	890	889	886	884	879														
35	835	834	830	827	822														
40	773	772	767	764	758														
45	705	704	697	695	688														
50	631	629	623	619	612														
55	550	550	542	540	531														
60	464	462	457	452	446														
65	375	373	368	365	359														
70	284	283	277	275	268														
75	194	194	189	188	182														
80	112	112	108	108	104														
85	43.8	44.7	42.1	42.4	39.6														
90	3.70	3.63	3.55	3.40	3.26														
95	4.25	4.22	4.01	3.99	3.87														
100	5.03	4.95	4.78	4.72	4.62														
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=1.1316]  
 Remarks: